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FOR RRB NTPC GRADUATE EXAM PREPARATION

RRB NTPC Graduate 2025 Question Paper · CBT 1 All Days (in English)

EXAM	YEAR	TYPE	SUBJECT
RRB NTPC Graduate	2025	Question Paper	CBT 1 All Days (in English)

Test Date	05/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **In which year did Bakshi Jagabandhu lead the Paika Rebellion to protest against the British land revenue policy?**

Ans
✗ 1. 1785
✗ 2. 1717
✗ 3. 1806
✓ 4. 1817

Q.2 **What was the overall unemployment rate in India as reported in the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau?**

Ans
✓ 1. 5.4%
✗ 2. 6.1%
✗ 3. 4.9%
✗ 4. 7.3%

Q.3 **If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?**

32 ÷ 14 + 16 – 8 × 4 = ?

Ans
✓ 1. 14
✗ 2. 18
✗ 3. 16
✗ 4. 22

Q.4 **Who among the following assumed charge of the Comptroller General of India in November 2024?**

Ans
✓ 1. K Sanjay Murthy
✗ 2. Tuhin Kant Pandey
✗ 3. Manish Singhal
✗ 4. Arunish Chawla

Q.5 **Which of the following is an example of an operating system commonly used on desktop computers?**

Ans
✗ 1. Microsoft Word
✗ 2. Adobe Photoshop
✓ 3. Windows 10
✗ 4. Google Chrome

Q.6 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) # * £ 3 9 € # % £ 1 % £ 8 8 1 4 9 % 5 8 & 7 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✗ 1. 2
- ✗ 2. 3
- ✓ 3. 1
- ✗ 4. 4

Q.7 The 24° latitude passes closest to which Indian state's capital?

Ans
- ✗ 1. Patna
- ✓ 2. Bhopal
- ✗ 3. Raipur
- ✗ 4. Dispur

Q.8 Which urban local self government body manages small towns with limited municipal functions like street lighting and drainage?

Ans
- ✗ 1. Municipal Corporation
- ✗ 2. Port Trust
- ✓ 3. Town Area Committee
- ✗ 4. Special Purpose Agencies

Q.9 Find the value of K if the quadratic equations $2x^2 + Kx + 8 = 0$ and $3x^2 + 4x + 12 = 0$ have both roots common.

Ans
- ✓ 1. $\frac{8}{3}$
- ✗ 2. $\frac{3}{2}$
- ✗ 3. $\frac{5}{3}$
- ✗ 4. $\frac{7}{2}$

Q.10 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

38 ÷ 21 + 436 × 4 − 73 = ?

Ans
- ✗ 1. 761
- ✓ 2. 762
- ✗ 3. 764
- ✗ 4. 763

Q.11 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and B. Only one box is kept between G and D. D is kept immediately above B. Only four boxes are kept between G and C. A is kept in some place above E. How many boxes are kept below D?

Ans
- ✗ 1. 1
- ✗ 2. 4
- ✓ 3. 3
- ✗ 4. 2

Q.12 In the Gender Inequality Index (GII) 2022, what rank did India achieve among 193 countries?

Ans
- ✔ 1. 108
- ✘ 2. 115
- ✘ 3. 100
- ✘ 4. 122

Q.13 Which structural-functional issue in a plant root would hinder gas exchange but not significantly impact water absorption?

Ans
- ✘ 1. Endodermal cells without suberin
- ✔ 2. Disrupted stomatal apparatus on aerial organs
- ✘ 3. Absence of root hairs due to epidermal deformation
- ✘ 4. Mutated epiblema cells lacking vacuoles

Q.14 Which of the following is an example of a chemical change?

Ans
- ✔ 1. Burning wood
- ✘ 2. Cutting paper
- ✘ 3. Boiling water
- ✘ 4. Melting ice

Q.15 When navigating through options in a dialog box or menu using the keyboard, what is the primary function of the Tab key?

Ans
- ✘ 1. To go back to the previous option or control
- ✘ 2. To close the current dialog box or menu
- ✔ 3. To move the focus to the next available option or control
- ✘ 4. To select the currently highlighted option

Q.16 The larger of two supplementary angles is 28° more than the smaller one. The smaller angle (in degree) is:

Ans
- ✔ 1. 76°
- ✘ 2. 79°
- ✘ 3. 80°
- ✘ 4. 84°

Q.17 What is the main focus of the Sangam anthologies, Purananuru and Patirruppattu, from the Ettuttokai collection?

Ans
- ✔ 1. Heroism and praises of kings and their deeds
- ✘ 2. Love and emotional experiences
- ✘ 3. Descriptions of nature and landscapes
- ✘ 4. Spiritual and religious themes

Q.18 In South Indian temple architecture, what is the name of the stepped or pyramidal structure built above the sanctum?

Ans
- ✘ 1. Jagati
- ✘ 2. Mandapa
- ✔ 3. Vimana
- ✘ 4. Adhisthana

Q.19 The term 'Bhukti' in post-Gupta polity referred to:

Ans
- ✘ 1. tax
- ✘ 2. officer
- ✘ 3. king
- ✔ 4. province

Q.20 From which state to which state do the Eastern Coastal Plains of India extend?

Ans

✗ 1. Gujarat to Kerala

✓ 2. West Bengal to Tamil Nadu

✗ 3. Maharashtra to Andhra Pradesh

✗ 4. Odisha to Karnataka

Q.21 Simplify: $\frac{\sqrt[3]{5832}}{\sqrt[4]{10000}} \times \frac{5}{24} \times 78$

Ans

✗ 1. 21

✓ 2. 13

✗ 3. 8

✗ 4. 17

Q.22 Sundar starts from point A and drives 12 km towards the east. He then takes a left turn, drives 9 km, turns left and drives 13 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 1 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

Ans

✗ 1. 2 km to the south

✗ 2. 1 km to the north

✓ 3. 2 km to the north

✗ 4. 1 km to the south

Q.23 Salil's salary was first reduced by 15% and subsequently raised by 10%. What percentage was his final salary lower compared to his initial salary?

Ans

✗ 1. 10%

✗ 2. 1.5%

✓ 3. 6.5%

✗ 4. 15%

Q.24 If 260 is the mean proportion between x and 338, what is the value of x?

Ans

✓ 1. 200

✗ 2. 198

✗ 3. 199

✗ 4. 201

Q.25 Which of the following components is/are NOT a part of the Central Processing Unit (CPU)?

Ans

✗ 1. Arithmetic Logic Unit (ALU)

✓ 2. Graphic Card

✗ 3. Control Unit (CU)

✗ 4. Registers

Q.26 A class of 30 students appeared in a test. The average score of 12 students is 60, and that of the rest is 62. What is the average score of the class?

Ans

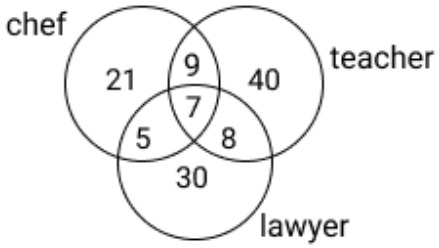
✓ 1. 61.2

✗ 2. 62.2

✗ 3. 60.2

✗ 4. 59.2

Q.27 Study the given Venn diagram carefully and answer the question that follows.



The numbers in different sections indicate the number of persons. How many chefs are there who are also teachers but not lawyers?

Ans
- ✗ 1. 8
- ✓ 2. 9
- ✗ 3. 5
- ✗ 4. 7

Q.28 The average of first 14 whole numbers is:

Ans
- ✓ 1. 6.5
- ✗ 2. 7.5
- ✗ 3. 7
- ✗ 4. 5.5

Q.29 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: VEC :: BNW : %

Ans
- ✓ 1. # = XHA, % = ZKY
- ✗ 2. # = ZKY, % = FTS
- ✗ 3. # = FTS, % = XHA
- ✗ 4. # = DQU, % = XHA

Q.30 Which of the following Indian states does NOT have a coastline?

Ans
- ✗ 1. Gujarat
- ✓ 2. Rajasthan
- ✗ 3. Andhra Pradesh
- ✗ 4. Odisha

Q.31 Find the surface area of a sphere whose diameter is equal to 98 cm.

Ans
- ✗ 1. 29,256 cm^2
- ✗ 2. 39,204 cm^2
- ✓ 3. 30,184 cm^2
- ✗ 4. 33,284 cm^2

Q.32 Rahul's age is three times the age of his daughter. After 8 years from now, his age will be 5 years more than twice the age of his daughter. Find the present age of Rahul.

Ans
- ✗ 1. 36 years
- ✓ 2. 30 years
- ✗ 3. 33 years
- ✗ 4. 39 years

Q.33 In a row of 73 students facing north, Gita is 16th from the left end. If Sunita is 21st to the right of Gita, what is Sunita's position from the right end of the line?

Ans
- ✗ 1. 31st
- ✗ 2. 28th
- ✗ 3. 22nd
- ✓ 4. 37th

Q.34 In February 2025, Muthoot Finance has received RBI approval to open how many new branches across India, strengthening its presence in the gold loan market?

Ans
- ✓ 1. 115
- ✗ 2. 110
- ✗ 3. 120
- ✗ 4. 125

Q.35 What is the primary objective of the Chandra's Surface Thermophysical Experiment (ChaSTE), 2025, payload?

Ans
- ✓ 1. To measure the vertical temperature profile of the lunar regolith
- ✗ 2. To study the Moon's magnetic field
- ✗ 3. To measure the Moon's atmospheric pressure
- ✗ 4. To assess the Moon's geological composition

Q.36 How many cities were initially included under the Smart Cities Mission launched by the Government of India?

Ans
- ✗ 1. 50
- ✓ 2. 100
- ✗ 3. 200
- ✗ 4. 150

Q.37 Varun and Ashish together can paint a hall in 3 days. Varun alone can paint it in 7 days. In how many days can Ashish alone paint 4 such halls?

Ans
- ✗ 1. 5.25
- ✗ 2. 6.25
- ✗ 3. 22
- ✓ 4. 21

Q.38 If Ishwar covers 721 km in a boat in 42 hours against the stream and he takes 15 hours with the stream, then find the speed of the stream.

Ans
- ✗ 1. 7.38 km/hr
- ✗ 2. 19.25 km/hr
- ✗ 3. 22.48 km/hr
- ✓ 4. 15.45 km/hr

Q.39 Who won the Women's Premiere League WPL 2025 title?

Ans
- ✗ 1. Chennai Super Kings
- ✓ 2. Mumbai Indians
- ✗ 3. Royal Challengers Bangalore
- ✗ 4. Delhi Capitals

Q.40 The Takht-i-Bahi inscription refers to which Parthian ruler?

Ans
- ✓ 1. Gondophernes
- ✗ 2. Menander
- ✗ 3. Azes
- ✗ 4. Rudradaman

Q.41 Which Article of the Directive Principles of State Policy was added by the 97th Constitutional Amendment Act of the Constitution of India?

Ans
- ✗ 1. Article 39 A
- ✓ 2. Article 43 B
- ✗ 3. Article 48 A
- ✗ 4. Article 43 A

Q.42 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✗ 1. HL - JN
- ✓ 2. MU - KH
- ✗ 3. NR - PT
- ✗ 4. SW - UY

Q.43 Who among the following founded the Vedanta College in Calcutta to promote both Indian and Western learning?

Ans
- ✓ 1. Rammohan Roy
- ✗ 2. Debendranath Tagore
- ✗ 3. Swami Vivekananda
- ✗ 4. Ishwar Chandra Vidyasagar

Q.44 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?
: JLH :: IKG : %

Ans
- ✗ 1. # = FJH, % = MHU
- ✗ 2. # = DEG, % = NIU
- ✓ 3. # = EGC, % = NPL
- ✗ 4. # = FDG, % = MLG

Q.45 Which of the following combinations represents the party and constituency of the Chief Minister of Jharkhand after the 2024 Assembly elections?

Ans
- ✓ 1. JMM, Barhait
- ✗ 2. JMM, Khunti
- ✗ 3. BJP, Jamshedpur East
- ✗ 4. BJP, Dhanwar

Q.46 Kiran spends 45% of his income. If he saves ₹66,000, then his income (in ₹) is:

Ans
- ✗ 1. 1,21,000
- ✗ 2. 1,19,000
- ✗ 3. 29,700
- ✓ 4. 1,20,000

Q.47 In November 2024, which day was celebrated to honour India's contribution to the dairy revolution?

Ans
- ✗ 1. National Dairy Day
- ✗ 2. White Revolution Day
- ✓ 3. National Milk Day
- ✗ 4. Milk Production Day

Q.48 A dealer sells two dryers at the rate of ₹63,000 per dryer. On one, he earns a profit of 5% and on the other he loses 30%. What is his loss percentage in the whole transaction?

Ans

✗ 1. 14%

✗ 2. 17%

✗ 3. 15%

✓ 4. 16%

Q.49 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 16% per annum is ₹797. Find the sum (rounded off to the nearest integer).

Ans

✗ 1. ₹31,113

✗ 2. ₹31,130

✗ 3. ₹31,137

✓ 4. ₹31,133

Q.50 If 2 is added to each even digit and 2 is added to each odd digit in the number 5217643, what will be the sum of the first digit from the left and the first digit from the right in the new number thus formed?

Ans

✗ 1. 10

✗ 2. 11

✓ 3. 12

✗ 4. 13

Q.51 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Symbol	9	2	@	&	3	7	5	%	1	8	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?
5 & 3 @ 7 % 2

Ans

✓ 1. © M D Z W P ©

✗ 2. © M D Z P W ©

✗ 3. © D M Z W P ©

✗ 4. © M D W Z P ©

Q.52 The Indian telecom sector was liberalised under which year's Telecom Policy?

Ans

✗ 1. 1997

✗ 2. 1999

✓ 3. 1994

✗ 4. 2002

Q.53 What is the value of $\frac{3}{8}+\frac{1}{8}+\frac{5}{16}+\frac{2}{8}-2$?

Ans
✗ 1. $-\frac{23}{16}$
✗ 2. $-\frac{13}{16}$
✓ 3. $-\frac{15}{16}$
✗ 4. $-\frac{21}{16}$

Q.54 When x is added to each of 30, 15, 21 and 11, then the numbers so obtained, in this order, are in proportion. Then, if 6x : y :: y : (3x-9), and y > 0, what is the value of y?

Ans
✓ 1. 18
✗ 2. 24
✗ 3. 10
✗ 4. 37

Q.55 In quadrilateral ABCD, AB = 17 cm, BC = 8 cm, CD = 9 cm, AD = 12 cm, and AC = 15 cm. What is the area (in cm^2) of the quadrilateral?

Ans
✗ 1. 105
✓ 2. 114
✗ 3. 118
✗ 4. 121

Q.56 Find the duration (in years) in which ₹1,200 will amount to ₹2,280 at a rate of 4% per annum simple interest.

Ans
✓ 1. 22.5
✗ 2. 21.5
✗ 3. 23.5
✗ 4. 24.5

Q.57 The Sabarmati river originates from which of the following places?

Ans
✓ 1. Aravalli Hills, Rajasthan
✗ 2. Western Ghats, Maharashtra
✗ 3. Satpura Range, Gujarat
✗ 4. Vindhya Range, Madhya Pradesh

Q.58 Which of the following statements is/are correct about the Digital Agriculture Mission launched in 2024?
It includes the creation of Digital Public Infrastructure such as AgriStack and Comprehensive Soil Fertility Maps.
AgriStack is managed solely by the Central Government.
The mission seeks to facilitate digital services like credit and insurance to farmers through authenticated data.

Ans
✗ 1. Only 2 and 3
✗ 2. 1, 2 and 3
✗ 3. Only 1 and 2
✓ 4. Only 1 and 3

Q.59 What should come in place of the question mark (?) in the given series?

701 700 697 692 685 ?

Ans

✗ 1. 675

✗ 2. 673

✗ 3. 671

✓ 4. 676

Q.60 What is the primary purpose of virtual memory in a computer system?

Ans

✗ 1. To provide backup for data

✗ 2. To increase physical storage capacity

✗ 3. To extend CACHE memory for storage

✓ 4. To extend RAM capacity by using disk space

Q.61 A vendor bought lemons at 7 for ₹1. How many lemons must he sell for ₹1 to gain 75%?

Ans

✗ 1. 8

✓ 2. 4

✗ 3. 5

✗ 4. 6

Q.62 Which of the following solutions is slightly acidic due to hydrolysis?

Ans

✗ 1. NH_4CH_3COO

✓ 2. NH_4Cl

✗ 3. Na_2CO_3

✗ 4. CH_3COONa

Q.63 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
OKI 4, QLG 8, SME 12, UNC 16, ?

Ans

✗ 1. WOA 24

✓ 2. WOA 20

✗ 3. WOV 20

✗ 4. VOW 16

Q.64 The larger of two supplementary angles is 50° more than the smaller one. The smaller angle (in degree) is:

Ans

✓ 1. 65°

✗ 2. 67°

✗ 3. 56°

✗ 4. 75°

Q.65 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?
: LHM :: OKP : %

Ans

✗ 1. # = FDH, % = NHU

✗ 2. # = UPS, % = RPV

✗ 3. # = DCV, % = NHY

✓ 4. # = GCH, % = TPU

Q.66 If 7.5 : 19.5 :: 16 : x, find the value of x.

Ans
✗ 1. 39.4
✗ 2. 41.1
✓ 3. 41.6
✗ 4. 45.1

Q.67 According to the Economic Survey 2024-25, what is the current expenditure on Research and Development (R&D) as a percentage of India's GDP?

Ans
✗ 1. 0.45%
✗ 2. 1.15%
✓ 3. 0.64%
✗ 4. 1.28%

Q.68 Seven people, N, O, P, Q, R, S and T, are sitting in a straight line facing north. T is sitting at one of the ends of the line. Only two people are sitting to the left of R. P is sitting to the immediate right of R and immediate left of S. Q is sitting to the immediate left of O. Q does not sit at an extreme end of the line. How many people are sitting between O and N?

Ans
✗ 1. Two
✗ 2. Zero
✓ 3. Four
✗ 4. One

Q.69 What will come in place of the question mark (?) in the following equation if '+' and '–' are interchanged and '×' and '÷' are interchanged?

1125 × 45 ÷ 39 – 17 + 19 = ?

Ans
✗ 1. 992
✓ 2. 973
✗ 3. 379
✗ 4. 975

Q.70 This question is based on the five, three-digit numbers given below.

(Left) 614 457 249 625 150 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

Ans
✗ 1. 4
✓ 2. 3
✗ 3. 6
✗ 4. 2

Q.71 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	2	@	9	5	$	&	3	%	#	7	+	4	8	6
Code	T	F	A	J	L	E	W	Q	D	P	R	B	U	S

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
What will be the code for the following group?

7 2 4 @ 5

Ans
✗ 1. PBBFJ
✗ 2. JTBFP
✗ 3. JBBFP
✓ 4. PTBFJ

Q.72 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
A lives on a floor which is a prime number. The product of floors on which A and E live is 3. Only 2 people live above B. F lives immediately below C.
How many people live between D and F?

Ans
✗ 1. Three
✗ 2. Four
✗ 3. One
✓ 4. Two

Q.73 This question is based on the five, three-digit numbers given below.

(Left) 401 418 733 283 902 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

Ans
✓ 1. 3
✗ 2. 6
✗ 3. 4
✗ 4. 2

Q.74 How many countries were evaluated in the Climate Change Performance Index 2025?

Ans
✗ 1. 73
✗ 2. 83
✗ 3. 93
✓ 4. 63

Q.75 Fardeen starts from point A and drives 13 km towards west. He then takes a left turn, drives 7 km, turns right and drives 6 km. He then takes a left turn and drives 8 km. He takes a final left turn, drives 19 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again (all turns are 90 degrees turns only unless specified)?

Ans
- ✗ 1. 10 km north
- ✗ 2. 15 km south
- ✗ 3. 12 km south
- ✓ 4. 15 km north

Q.76 The simplified value of 127 - 7 x (17 + 6) + 93 is:

Ans
- ✓ 1. 59
- ✗ 2. 57
- ✗ 3. 62
- ✗ 4. 51

Q.77 Pipe A can fill a tank in 18 minutes, while pipe B can empty the completely filled tank in 20 minutes. Initially, pipe A is opened and after 6 minutes pipe B is also opened. In how much time (in minutes) will the remaining tank be filled completely?

Ans
- ✓ 1. 120
- ✗ 2. 137
- ✗ 3. 107
- ✗ 4. 127

Q.78 As of April 2025, what percentage of the India-UK Free Trade Agreement (FTA) has been finalised, bringing both the nations closer to concluding the deal?

Ans
- ✓ 1. 90%
- ✗ 2. 80%
- ✗ 3. 70%
- ✗ 4. 95%

Q.79 Simplify $(2x - 5y)^2 + (5x + 2y)^2 + (2x + 5y)(2x - 5y)$.

Ans
- ✗ 1. $34x^2 - 4y^2$
- ✗ 2. $-34x^2 + 4y^2$
- ✗ 3. $-33x^2 - 4y^2$
- ✓ 4. $33x^2 + 4y^2$

Q.80 Which of the following countries assumed the Chairmanship of the Bay of Bengal Inter-Governmental Organisation (BOBP-IGO) in 2025?

Ans
- ✗ 1. India
- ✗ 2. Myanmar
- ✗ 3. Sri Lanka
- ✓ 4. Bangladesh

Q.81 The Supreme Court can issue writs under Article 32 only for which specific purpose?

Ans
- ✗ 1. To resolve disputes between states
- ✗ 2. To enforce the Directive Principles of State Policy
- ✓ 3. To protect Fundamental Rights
- ✗ 4. To review decisions of statutory tribunals

Q.82 What is the key difference between the Supreme Court's original jurisdiction in federal disputes versus its writ jurisdiction?

Ans

✗ 1. Federal dispute jurisdiction can be exercised suo moto, while writ jurisdiction requires a petition.

✗ 2. Federal dispute jurisdiction applies to civil matters, while writ jurisdiction applies to criminal matters.

✗ 3. Federal dispute jurisdiction is exclusive to SC, while writ jurisdiction is concurrent with High Courts.

✓ 4. Federal dispute jurisdiction is advisory, while writ jurisdiction is binding.

Q.83 Select the number from among the given options that can replace the question mark (?) in the following series.
105 97 89 81 73 ?

Ans

✓ 1. 65

✗ 2. 58

✗ 3. 60

✗ 4. 70

Q.84 If the ratio of two numbers is 5 : 3 and the product of their LCM and their HCF is 135, then the sum of the reciprocals of the LCM and the HCF is:

Ans

✓ 1. $\frac{16}{45}$

✗ 2. $\frac{16}{85}$

✗ 3. $\frac{16}{61}$

✗ 4. $\frac{16}{73}$

Q.85 Which country became the first in Latin America to exit China's Belt and Road Initiative in 2025?

Ans

✗ 1. Chile

✗ 2. Argentina

✗ 3. Colombia

✓ 4. Panama

Q.86 A ladder leaning against a wall makes an angle θ with the horizontal ground such that $\tan\theta = \frac{15}{8}$.

If the height of the top of the ladder from the wall is 30 m, find the distance (in m) of the foot of the ladder from the wall.

Ans

✗ 1. 18

✓ 2. 16

✗ 3. 14

✗ 4. 20

Q.87 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only two people sit between T and S when counted from the right of T. Only three people sit between V and Q when counted from the right of Q. S sits to the immediate right of Q. U sits to the immediate right of R. How many people sit between Q and U when counted from the right of Q?

Ans

✗ 1. 1

✗ 2. 3

✗ 3. 4

✓ 4. 2

Q.88 A man has to cover a distance of 519 km in 7 hours. If he covers two – third of this distance in $\frac{5}{7}$ of the time, then what should his speed (in km/hr) be to cover the remaining distance in the time left?

Ans
- ✔ 1. 86.5
- ✘ 2. 46.5
- ✘ 3. 66.5
- ✘ 4. 34.5

Q.89 **In a certain code language,**

A + B means 'A is the mother of B'
A – B means 'A is the brother of B'
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N × O ÷ P – Q'?

Ans
- ✘ 1. Father's sister
- ✔ 2. Mother's mother
- ✘ 3. Father's mother
- ✘ 4. Mother's sister

Q.90 **What should come in place of the question mark (?) in the given series based on the English alphabetical order?**

XBF UYC RVZ OSW ?

Ans
- ✘ 1. TPL
- ✘ 2. TLP
- ✘ 3. LTP
- ✔ 4. LPT

Q.91 **Which type of subordinate court primarily handles disputes related to property ownership and contractual agreements?**

Ans
- ✔ 1. Civil Courts
- ✘ 2. Criminal Courts
- ✘ 3. Revenue Courts
- ✘ 4. Family Courts

Q.92 **FARM is related to CXOJ in a certain way based on the English alphabetical order. In the same way, FRESH is related to COBPE. To which of the given options is RICH related, following the same logic?**

Ans
- ✘ 1. OEZF
- ✔ 2. OFZE
- ✘ 3. OFZF
- ✘ 4. OEZE

Q.93 **What is the purpose of the Slide Master in MS PowerPoint?**

Ans
- ✔ 1. To apply consistent formatting, fonts, and layouts to all slides
- ✘ 2. To export slides as images
- ✘ 3. To delete multiple slides at once
- ✘ 4. To insert animations and transitions

Q.94 **The median of the observations 76, 83, 30, 11, 81, 52, 18, 34, 84, 35 and 27 is:**

Ans
- ✘ 1. 30
- ✔ 2. 35
- ✘ 3. 52
- ✘ 4. 34

Q.95 The mode and median of a data set is 28.4 and 88, respectively. What is the mean of the data set? (Use empirical formula.)

Ans

✗ 1. 114.2

✗ 2. 119.2

✓ 3. 117.8

✗ 4. 127.7

Q.96 The marked price of a bed is ₹517, which is 30% above the cost price. If the profit percent is 2%. Find the discount percentage. (rounded off to two decimal places)

Ans

✗ 1. 18.57%

✗ 2. 24.06%

✗ 3. 20.36%

✓ 4. 21.54%

Q.97 67 is related to 74 following a certain logic. Following the same logic, 13 is related to 20. To which of the following is 52 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans

✗ 1. 63

✗ 2. 57

✓ 3. 59

✗ 4. 61

Q.98 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Symbol	8	9	@	&	5	7	2	%	1	3	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?
7 2 @ 1 3 &

Ans

✓ 1. W A Z R T M

✗ 2. W A R Z T M

✗ 3. M A Z T R W

✗ 4. M A Z R T W

Q.99 Who among the following was known for promoting inter-caste and inter-religious marriages through legislation?

Ans

✗ 1. Annie Besant

✗ 2. Pandita Ramabai

✓ 3. Raja Ram Mohan Roy

✗ 4. Sir Syed Ahmed Khan

Q.100 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✔ 1. POR

✘ 2. SQU

✘ 3. LJN

✘ 4. ECG

Test Date	05/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **How many medals did India win in total at the World Para Athletics Grand Prix 2025?**

Ans
✗ 1. 120
✗ 2. 150
✓ 3. 134
✗ 4. 180

Q.2 **The marked price of a desk is ₹7,725, which is 25% above the cost price. It is sold at a discount of 4% on the marked price. Find the profit percentage.**

Ans
✗ 1. 21%
✗ 2. 19%
✓ 3. 20%
✗ 4. 22%

Q.3 **From a taxi stand, two cabs start at a speed of 74 km/hr at an interval of 28 minutes, both cabs travelling in the same direction. A man coming in the opposite direction towards the taxi stand meets the cabs at an interval of 10 minutes. Find the speed (in km/hr) of the man.**

Ans
✗ 1. 128.8
✓ 2. 133.2
✗ 3. 143.1
✗ 4. 125.5

Q.4 **Select the number from among the given options that can replace the question mark (?) in the following series.**
37 55 66 84 95 113 ?

Ans
✗ 1. 166
✗ 2. 145
✗ 3. 131
✓ 4. 124

Q.5 **In a certain code language, 'GIVE' is coded as '4628' and 'VOLT' is coded as '3567'. What is the code for 'V' in the given code language?**

Ans
✗ 1. 2
✗ 2. 5
✓ 3. 6
✗ 4. 3

Q.6 What is the primary function of the CPU in a computer system?

Ans
- ✗ 1. Connect input and output devices
- ✓ 2. Execute instructions and process data
- ✗ 3. Manage the power supply
- ✗ 4. Store data permanently

Q.7 Which princely ruler patronised the Sikh community and institutions?

Ans
- ✓ 1. Bhupinder Singh of Patiala
- ✗ 2. Gaikwad of Baroda
- ✗ 3. Raja of Travancore
- ✗ 4. Maharaja of Jaipur

Q.8 What is the total length of the Mahanadi river?

Ans
- ✗ 1. 351 km
- ✗ 2. 567 km
- ✗ 3. 200 km
- ✓ 4. 851 km

Q.9 Atul's salary is ₹10,000 per month. He spends ₹6,000 on house rent and ₹2,500 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

Ans
- ✗ 1. 18,000
- ✓ 2. 16,500
- ✗ 3. 13,500
- ✗ 4. 15,000

Q.10 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

 # : FLN :: TXB : %

Ans
- ✓ 1. # = BPJ, % = XTF
- ✗ 2. # = LFT, % = BPJ
- ✗ 3. # = XTF, % = PBX
- ✗ 4. # = PBX, % = XTF

Q.11 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✓ 1. HK - LP
- ✗ 2. KL - FG
- ✗ 3. XY - ST
- ✗ 4. OP - JK

Q.12 One pipe can fill the tank in 10 minutes while another pipe can empty completely filled tank in 20 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill the tank completely?

Ans
- ✗ 1. 22
- ✗ 2. 21
- ✗ 3. 23
- ✓ 4. 20

Q.13 If 'S' stands for '–', 'Q' stands for '×', 'R' stands for '÷', and 'P' stands for '+', what will come in place of the question mark (?) in the following equation?

1 P 4 5 R 2 Q 2 S 4 = ?

Ans
- ✗ 1. 40
- ✓ 2. 42
- ✗ 3. 46
- ✗ 4. 36

Q.14 What was the Infant Mortality Rate (IMR) in India according to the Sample Registration System (SRS), 2019?

Ans
- ✗ 1. 32 per 1000 live births
- ✗ 2. 34 per 1000 live births
- ✓ 3. 30 per 1000 live births
- ✗ 4. 28 per 1000 live births

Q.15 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only one person sits between R and T when counted from the left of T. Q sits third to the right of P. U sits third to the left of V. Q sits to the immediate right of U. S is not an immediate neighbour of U. How many people sit between S and T when counted from the right of S?

Ans
- ✗ 1. 4
- ✗ 2. 2
- ✓ 3. 3
- ✗ 4. 1

Q.16 Suppose x : y = 2 : 5; y : z = 4 : 7. If ₹15,120 is distributed among x, y and z, then the amounts received by x, y and z, respectively, are (in ₹):

Ans
- ✗ 1. 2,700, 6,000 and 6,420
- ✗ 2. 2,500, 5,200 and 7,420
- ✗ 3. 2,820, 4,500 and 7,800
- ✓ 4. 1,920, 4,800 and 8,400

Q.17 Manjit spends 40% of his income. If he saves ₹18,000, then his income (in ₹) is:

Ans
- ✗ 1. 31,000
- ✓ 2. 30,000
- ✗ 3. 29,000
- ✗ 4. 7,200

Q.18 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 6154932, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. Three
- ✗ 2. Four
- ✓ 3. Two
- ✗ 4. One

Q.19 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LPR :: PSV : %

Ans
- ✓ 1. # = HNT, % = TUT
- ✗ 2. # = HMR, % = TVW
- ✗ 3. # = FNR, % = RVM
- ✗ 4. # = FMP, % = RUY

Q.20 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

 # : AND :: RWX : %

Ans

✗ 1. # = UTZ, % = OZV

✗ 2. # = OZV, % = LCT

✓ 3. # = XQB, % = UTZ

✗ 4. # = LCT, % = XQB

Q.21 What happens if an Indian citizen voluntarily becomes a citizen of another country?

Ans

✗ 1. They become dual citizens.

✗ 2. Nothing changes.

✓ 3. Their Indian citizenship ends automatically.

✗ 4. They must get government approval.

Q.22 While covering a distance of 37 km, a man noticed that after cycling for 1 hour 5 minutes, the distance covered by him was $\frac{4}{3}$ of the remaining distance. What was his speed (in km/hr, rounded off to one decimal place)?

Ans

✗ 1. 21.5

✓ 2. 19.5

✗ 3. 23.1

✗ 4. 14.5

Q.23 If 3.5 : 17.4 :: 14 : x, find the value of x.

Ans

✗ 1. 65.9

✗ 2. 72.9

✓ 3. 69.6

✗ 4. 67.9

Q.24 Marks in statistics of 12 students are x, 28, 35, 56, 78, 63, 65, 81, 79, 83, 80, y, where x and y are the lowest and highest marks, respectively. If the range and average of the marks are 70 and 64, respectively, then the ordered pair (x, y) is:

Ans

✗ 1. $(23, 93)$

✗ 2. $(35, 105)$

✓ 3. $(25, 95)$

✗ 4. $(30, 100)$

Q.25 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

EL-GN-IK
GN-IP-KM

Ans

✗ 1. JP-KR-MQ

✗ 2. IP-KR-MQ

✓ 3. IP-KR-MO

✗ 4. JP-KS-MQ

Q.26 Sachin bought the first pen for ₹630 and the second pen for ₹722, respectively. He sells the first pen at 70% of the profit but the buyer bargains for the price, and he has to offer a 9% discount and the second pen at 71% of the profit. Find the total profit he had in this transaction (correct to two decimal places).

Ans

✗ 1. ₹855.49

✓ 2. ₹857.23

✗ 3. ₹856.32

✗ 4. ₹854.79

Q.27 In 2025, which state launched a groundbreaking initiative aimed at eradicating mother-to-child transmission of HIV, syphilis, and Hepatitis B by 2026?

Ans

✗ 1. Madhya Pradesh

✗ 2. Uttar Pradesh

✗ 3. Bihar

✓ 4. West Bengal

Q.28 Simplify the following.

$(2x+3)^2 - (x+1)^2$.

Ans

✓ 1. $3x^2 + 10x + 8$

✗ 2. $4x^2 + 12x + 8$

✗ 3. $4x^2 + 10x + 6$

✗ 4. $3x^2 + 7x + 6$

Q.29 What was the major impact of penicillin's discovery?

Ans

✗ 1. First vaccine for prevention of smallpox

✓ 2. First effective antibiotic against bacterial infections

✗ 3. First drug for Rabies prevention and cure

✗ 4. First antiviral drug for Human Immunodeficiency Virus (HIV)

Q.30 This question is based on the words given below.

(Left) ACT BUS CAR DAD (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding in the English alphabetical order. In how many letter clusters thus formed, will no vowel appear?

Ans

✗ 1. One

✗ 2. Two

✗ 3. None

✓ 4. Three

Q.31 Where did the two-day Chintan Shivir, held on 7-8 March 2025 to discuss preparations for the 2028 and 2036 Olympics, take place?

Ans

✗ 1. New Delhi

✓ 2. Hyderabad

✗ 3. Mumbai

✗ 4. Bengaluru

Q.32 Uday starts from Point A and drives 3 km towards south. He then takes a right turn, drives 2 km, turns left and drives 5 km. He then takes a right turn and drives 3 km. He takes a final right turn, drives 8 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again (all turns are 90° turns only unless specified)?

Ans

✗ 1. 3 km; East

✗ 2. 5 km; West

✗ 3. 4 km; East

✓ 4. 5 km; East

Q.33 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

63 ÷ 12 − 98 × 7 + 35 = ?

Ans

✗ 1. 742

✓ 2. 735

✗ 3. 745

✗ 4. 736

Q.34

$$Solve: 70 + \frac{72}{6} + 29 - 30$$

Ans

✗ 1. 52

✓ 2. 81

✗ 3. 101

✗ 4. 91

Q.35 According to the Jal Jeevan Mission, what is the percentage target for rural households to receive tap water by 2024?

Ans

✓ 1. 100%

✗ 2. 70%

✗ 3. 50%

✗ 4. 85%

Q.36 The curved surface area of a right circular cone is 6500π cm^2, and the diameter of its base is 100 cm. Find the height (in cm) of the cone.

Ans

✗ 1. 125

✓ 2. 120

✗ 3. 119

✗ 4. 115

Q.37 Two pipes, A and B, can fill a tank of 3700 litres in 9 hours and 6 hours, respectively. If they are opened together, how many hours will they take to fill an empty tank of 6400 litres?

Ans

✓ 1. $\frac{1152}{185}\ hours$

✗ 2. $\frac{1149}{185}\ hours$

✗ 3. $\frac{1159}{185}\ hours$

✗ 4. $\frac{1153}{185}\ hours$

Q.38 The difference between the compound interest, compounded annually and the simple interest if ₹47,100 is deposited at 9% rate of interest per annum for 2 years is:

Ans

✗ 1. ₹382.71

✗ 2. ₹391.21

✓ 3. ₹381.51

✗ 4. ₹391.81

Q.39 Who among the following was/were NOT part of the Santhal Rebellion?

Ans
- ✗ 1. Kanho
- ✗ 2. Bhairav
- ✗ 3. Chand
- ✓ 4. Tana Bhagats

Q.40 The arithmetic mean of 25 real numbers is 110. If 10 numbers are increased by $12\frac{1}{2}$ each, another 10 numbers are increased by 15 each and the remaining 5 numbers are unaltered, then the new value of the arithmetic mean is:

Ans
- ✗ 1. 125
- ✓ 2. 121
- ✗ 3. 120
- ✗ 4. 112

Q.41 In which order did Mendeleev arrange the elements in his periodic table?

Ans
- ✗ 1. Decreasing atomic radius
- ✗ 2. Increasing number of neutrons
- ✗ 3. Increasing atomic number
- ✓ 4. Increasing atomic mass

Q.42 Rajesh has 156 litres of Oil A and 256 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Rajesh uses, so that all the oil that Rajesh has, of both the types, can be poured into these containers?

Ans
- ✗ 1. 13
- ✓ 2. 4
- ✗ 3. 10
- ✗ 4. 6

Q.43 Which of the following farming practices is mostly practised in Northeast India and causes soil erosion?

Ans
- ✗ 1. Mixed farming
- ✓ 2. Shifting agriculture
- ✗ 3. Terrace farming
- ✗ 4. Dairy farming

Q.44 What is the percentage change in allocation for the Smart Cities Mission in India from the Revised Estimates of 2023-24 to the Budget Estimates of 2024-25?

Ans
- ✗ 1. -80%
- ✗ 2. -50%
- ✓ 3. -70%
- ✗ 4. -60%

Q.45 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All cars are buses.
All buses are trucks.
Some buses are ships.

Conclusions:
(I) Some ships are cars.
(II) All trucks are cars.

Ans
✔ 1. Neither conclusion (I) nor (II) follows.
✘ 2. Only conclusion (I) follows.
✘ 3. Both conclusions (I) and (II) follow.
✘ 4. Only conclusion (II) follows.

Q.46 Sunil starts from Point A and drives 11 km towards the south. He then takes a left turn, drives 3 km, turns left and drives 4 km. He then takes a left turn and drives 12 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only unless specified.)

Ans
✘ 1. 8 km to the east
✘ 2. 9 km to the west
✘ 3. 7 km to the east
✔ 4. 9 km to the east

Q.47 The popular folk dance of Bihar, which represents the love and quarrel of a married couple, is called:

Ans
✔ 1. Jat- Jatin
✘ 2. Pata Kunitha
✘ 3. Gaur Maria
✘ 4. Singhi Chham

Q.48 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

VCJ RYF NUB JQX ?

Ans
✘ 1. FTM
✘ 2. FNT
✔ 3. FMT
✘ 4. FTN

Q.49 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only two people have the exam before T. Only one person has the exam after D. Only three people have the exam between T and F. Only one person has the exam between E and C. U has the exam immediately before E. Who among the following has the exam on Friday?

Ans
✘ 1. E
✘ 2. U
✘ 3. T
✔ 4. S

Q.50 In holozoic nutrition, the first essential step for complex organisms is _____.

Ans
✘ 1. egestion
✘ 2. absorption
✔ 3. ingestion
✘ 4. assimilation

Q.51 Simplify: 194 + [6 x (1 - 6 + 5)] ÷ 12

Ans

✗ 1. 193

✓ 2. 194

✗ 3. 184

✗ 4. 191

Q.52 What is the primary function of an operating system in a laptop?

Ans

✗ 1. To type documents

✓ 2. To manage hardware and software resources

✗ 3. To edit videos

✗ 4. To run internet browsers only

Q.53 Who took part in the 69th Session of the United Nations Commission on the Status of Women (UNCSW), held at the UN Headquarters in New York?

Ans

✗ 1. Rekha Gupta

✓ 2. Annpurna Devi

✗ 3. Sumita Dawra

✗ 4. Narendra Modi

Q.54 What is the major constraint in dry land farming?

Ans

✓ 1. Low water availability

✗ 2. Too much rainfall

✗ 3. Use of hybrid seeds

✗ 4. Lack of fertilisers

Q.55 In April 2025, Chief Justice Sanjiv Khanna named _____ as his successor, who will be the _____ upon appointment.

Ans

✗ 1. Justice B R Gavai; 53rd Chief Justice of India

✓ 2. Justice B R Gavai; 52nd Chief Justice of India

✗ 3. Justice Hima Kohli; 53rd Chief Justice of India

✗ 4. Justice Surya Kant; 51st Chief Justice of India

Q.56 In a certain code language,
A + B means 'A is the mother of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N − O ÷ P × Q'?

Ans

✓ 1. Wife's father's mother

✗ 2. Wife's mother's mother

✗ 3. Wife's mother's sister

✗ 4. Wife's father's sister

Q.57 Saura painting, a tribal art form, is traditionally practiced by communities in which Indian state?

Ans

✗ 1. Rajasthan

✗ 2. Gujarat

✓ 3. Odisha

✗ 4. Madhya Pradesh

Q.58 In a certain code language, 'pizza base queen' is coded as 'du su qw' and 'pig queen wave' is coded as 'ic fv su'. How is 'queen' coded in the given language?

Ans

✗ 1. ic

✓ 2. su

✗ 3. du

✗ 4. qw

Q.59 The curved surface area of a right circular cone is 5400π cm^2, and the diameter of its base is 144 cm. Find the height (in cm) of the cone.

Ans

✗ 1. 16

✓ 2. 21

✗ 3. 22

✗ 4. 20

Q.60 If the mode of the following data is 140, then what is the value of x?

Class	125-130	130-135	135-140	140-145	145-150
Frequency	30	30	33	x	31

Ans

✗ 1. 34

✓ 2. 33

✗ 3. 47

✗ 4. 46

Q.61 What is the main purpose of cache memory in a computer?

Ans

✗ 1. To serve as virtual memory

✗ 2. To provide backup for RAM

✓ 3. To store frequently accessed data for quick retrieval

✗ 4. To permanently store user files

Q.62 Kamlesh buys some sarees and suits for ₹10,000. The cost of each saree is ₹1,500, and the cost of each suit is ₹1,000. The total number of sarees and suits is 8. Find the number of suits and sarees.

Ans

✓ 1. 4 sarees and 4 suits

✗ 2. 3 sarees and 5 suits

✗ 3. 2 sarees and 6 suits

✗ 4. 5 sarees and 3 suits

Q.63 What is the ratio of the angles subtended by a chord at the centre of a circle to the angle subtended at any point on the circumference of the circle?

Ans

✗ 1. 1 : 3

✓ 2. 2 : 1

✗ 3. 3 : 1

✗ 4. 1 : 2

Q.64 Find the value of m which satisfies $\left(\frac{29}{4}\right)^3 \times \left(\frac{4}{29}\right)^2 \times \left(\frac{29}{4}\right)^{11} = \left(\frac{4}{29}\right)^{9m+7}$.

Ans

✔ 1. $-\frac{19}{9}$

✘ 2. $-\frac{23}{9}$

✘ 3. $-\frac{18}{9}$

✘ 4. $-\frac{10}{9}$

Q.65 **If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?**

502 ÷ 78 + 2 – 258 × 2 = ?

Ans

✘ 1. 124

✘ 2. 74562

✔ 3. 322

✘ 4. 560

Q.66 **In April 2025, India and China initiated discussions to resume direct passenger flights that had been suspended since which year?**

Ans

✔ 1. 2020

✘ 2. 2019

✘ 3. 2021

✘ 4. 2022

Q.67 **Which of the following best encapsulates the role of an operating system's kernel?**

Ans

✘ 1. Providing the graphical user interface for user interaction

✔ 2. Acting as the core interface between applications and the system hardware

✘ 3. Managing user accounts and access permissions

✘ 4. Offering a suite of utility programs for file management and system configuration

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Q.68 **This question is based on the five, three-digit numbers given below.**

(Left) 956 521 251 156 335 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

Ans

✘ 1. 5

✔ 2. 6

✘ 3. 7

✘ 4. 9

Q.69 **This question is based on the words given below.**

(Left) DIE CUP BOX ASK (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding in the English alphabetical order. In how many letter clusters thus formed, will no vowel appear?

Ans
- ✔ 1. Two
- ✘ 2. Three
- ✘ 3. None
- ✘ 4. One

Q.70 **Which author wrote the popular novel 'Held', shortlisted for Booker 2024?**

Ans
- ✔ 1. Anne Michaels
- ✘ 2. J K Rowling
- ✘ 3. Rick Riordan
- ✘ 4. Sarah J Maas

Q.71 **What is the discriminant of the equation $x^2 - 2x + 13 = 0$? Also, determine how many real solutions this equation has.**

Ans
- ✘ 1. 44, Two real roots
- ✔ 2. −48, No real roots
- ✘ 3. 40, Two equal roots
- ✘ 4. 46, One real root

Q.72 **What role did the Indian People's Theatre Association (IPTA) play during the British rule?**

Ans
- ✘ 1. Encouraged the British education policy
- ✘ 2. Supported the British war efforts
- ✘ 3. Promoted classical dance
- ✔ 4. Expressed dissent through art

Q.73 **A group of people consists of men, women and children. Among them, 20% are men, 50% are women and the rest are children, and their average weights are 45 kg, 60 kg and 20 kg, respectively. The average weight (in kg) of the group is:**

Ans
- ✘ 1. 44
- ✔ 2. 45
- ✘ 3. 43
- ✘ 4. 42

Q.74 **When x is added to each of 26, 40, 22 and 34, then the numbers so obtained, in this order, are in proportion. Then, if $4x : y :: y : (7x-6)$, and $y > 0$, what is the value of y?**

Ans
- ✘ 1. 2
- ✔ 2. 8
- ✘ 3. 3
- ✘ 4. 9

Q.75 **What is the primary purpose of the vertical planetary mixer developed by ISRO in Feb 2025?**

Ans
- ✔ 1. To enhance the efficiency and safety of solid rocket motor manufacturing
- ✘ 2. To develop new materials for spacecraft
- ✘ 3. To create advanced propulsion systems for deep space missions
- ✘ 4. To improve satellite communication systems

Q.76 Where was the 13th Governing Council Meeting of the Bay of Bengal Inter-Governmental Organization (BOBP-IGO) held?

Ans
- ✔ 1. Male, Maldives
- ✘ 2. Chennai, India
- ✘ 3. Colombo, Sri Lanka
- ✘ 4. Dhaka, Bangladesh

Q.77 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE – A two/three-digit number cannot be broken into individual digits for operations, e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
3 - 5 - 10 - 12 ; 8 - 10 - 20 - 22

Ans
- ✘ 1. 6 - 10 - 12 - 24
- ✔ 2. 18 - 20 - 40 - 42
- ✘ 3. 28 - 30 - 60 - 64
- ✘ 4. 4 - 6 - 12 - 24

Q.78 The angle of elevation of the top of a tower from a point on the ground, which is 48 m away from the foot of the tower is 30°. Find the height of the tower.

Ans
- ✘ 1. $15\sqrt{3}$ m
- ✘ 2. $18\sqrt{3}$ m
- ✘ 3. $12\sqrt{3}$ m
- ✔ 4. $16\sqrt{3}$ m

Q.79 Which schedule allows for the creation of village councils or courts for tribal cases?

Ans
- ✔ 1. Sixth Schedule
- ✘ 2. Fifth Schedule
- ✘ 3. Tenth Schedule
- ✘ 4. Seventh Schedule

Q.80 What is the function of Alt + F2 in the Linux GNOME desktop environment?

Ans
- ✘ 1. Toggles between full-screen and windowed mode
- ✘ 2. Closes the current application
- ✘ 3. Refreshes the current window
- ✔ 4. Opens the Run Command dialog box

Q.81 Which of the following rivers is NOT a tributary of the Ganga but flows directly into the Bay of Bengal?

Ans
- ✘ 1. Gomti
- ✘ 2. Ghaghara
- ✘ 3. Kosi
- ✔ 4. Mahanadi

Q.82 What should come in place of the question mark (?) in the given series?

802 800 796 790 782 ?

Ans
- ✘ 1. 776
- ✘ 2. 774
- ✔ 3. 772
- ✘ 4. 770

Q.83 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✔ 1. DAX
- ✘ 2. KGE
- ✘ 3. SOM
- ✘ 4. WSQ

Q.84 As of February 2025, how many youth were trained in vocational skills under the Nehru Yuva Kendra Sangathan initiatives?

Ans
- ✘ 1. 35,677
- ✔ 2. 28,275
- ✘ 3. 18,041
- ✘ 4. 12,571

Q.85 Which ruler regained his lost kingdom by 1555 after defeating Sher Shah Suri's successors, thereby marking the end of the Second Afghan Empire?

Ans
- ✘ 1. Muhammad bin Tughluq
- ✘ 2. Babur
- ✘ 3. Aurangzeb
- ✔ 4. Humayun

Q.86 Each of T, U, V, W, X, Y and Z has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. X has an exam on the third day of the week. Only three people has an exam between X and T. Z has an exam immediately after V and Y has an exam immediately after Z. W does not have an exam on Monday. Who has an exam on Thursday?

Ans
- ✔ 1. V
- ✘ 2. Z
- ✘ 3. W
- ✘ 4. T

Q.87 What was the theme of ICA Global Cooperative Conference in November 2024?

Ans
- ✔ 1. Cooperatives Build Prosperity for All
- ✘ 2. Cooperatives for Economic Growth
- ✘ 3. Cooperatives Build a Better World
- ✘ 4. Sustainable Development through Cooperatives

Q.88 After the 97th Constitutional Amendment, for how long can a state co-operative law that is inconsistent with the amendment remain in force?

Ans
- ✔ 1. 1 year
- ✘ 2. 5 years
- ✘ 3. 6 months
- ✘ 4. 2 years

Q.89 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and ∠PEB = 56°. G is a point between AB and CD such that ∠BEG = 32° and ∠GFE = 47°. What is the measure of ∠EGF?

Ans
- ✘ 1. 29°
- ✘ 2. 46°
- ✘ 3. 37°
- ✔ 4. 41°

Q.90 What percentage of seats are reserved for women under the 106th Amendment Act?

Ans
- ✗ 1. 50%
- ✓ 2. 33%
- ✗ 3. 25%
- ✗ 4. 10%

Q.91 A vendor sold 5 chocolates for ₹1, thereby gaining 40%. How many chocolates did he buy for ₹1?

Ans
- ✗ 1. 9
- ✗ 2. 11
- ✗ 3. 13
- ✓ 4. 7

Q.92 Which of the following is a major river of the Indus basin system?

Ans
- ✓ 1. Ravi
- ✗ 2. Yamuna
- ✗ 3. Godavari
- ✗ 4. Kaveri

Q.93 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FCA GDB HEC IFD ?

Ans
- ✓ 1. JGE
- ✗ 2. JGF
- ✗ 3. JHF
- ✗ 4. JHE

Q.94 How much percentage of rural families rely on agriculture, livestock and Non-Timber Forest Products (NTFP) for their livelihoods according to the Annual Report 2024-25, published by Ministry of Rural Development?

Ans
- ✗ 1. 80%
- ✗ 2. 95%
- ✗ 3. 70%
- ✓ 4. 90%

Q.95 A, B, C, D, G, H, and I are sitting around a circular table facing the centre.
Only two people sit between A and H when counted from the right of A. Only two people sit between H and D. Only three people sit between A and B. C sits to the immediate left of I.
Who sits third to the left of G?

Ans
- ✗ 1. H
- ✗ 2. A
- ✗ 3. C
- ✓ 4. I

Q.96 Which ruler, upon his death in 1530, left behind a newly established empire that stretched across northern India—from the Indus River in the west to Bihar in the east, and from the Himalayas in the north to Gwalior in the south?

Ans
- ✗ 1. Qutb ud-Din Aibak
- ✓ 2. Babur
- ✗ 3. Alauddin Khalji
- ✗ 4. Aurangzeb

Q.97 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has the exam on Thursday. U has the exam on one of the days after R and on one of the days before T. V has the exam on one of the days after S but on one of the days before Q. S has the exam on one of the days after P. How many people have the exam before V?

Ans

✔ 1. 5

✘ 2. 2

✘ 3. 3

✘ 4. 4

Q.98 Which of the following acts authorised the Governor General to override his council in matters affecting the interest of British empire in India?

Ans

✘ 1. Pitt's India Act 1784

✔ 2. Charter Act of 1793

✘ 3. Regulating Act 1773

✘ 4. Charter Act of 1813

Q.99 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow.
The correct combination of codes (following only the condition/s that apply) is your answer.

Number/Symbol	7	9	@	&	2	3	5	#	1	8	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an even number and the last an odd number, the first and last elements are to be coded as ©
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

2 # @ 7 9

Ans

✘ 1. D P Z L ©

✘ 2. © P L Z C

✘ 3. © P Z L C

✔ 4. © P Z L ©

Q.100 At what rate of interest (rounded off to two decimal places) per year will a sum of money double itself in 12 years on simple interest?

Ans

✘ 1. 6.33%

✔ 2. 8.33%

✘ 3. 16.67%

✘ 4. 10.33%

Test Date	05/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.**

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/ Symbol	3	9	@	&	2	7	5	%	1	8	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:

(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

@ 9 3 8 5

Ans
✗ 1. Z C B T A
✗ 2. A C B T Z
✗ 3. Z B C T A
✓ 4. A C L T Z

Q.2 **Who among the following received the Padma shri award in 2025 in the category of 'Others–Spiritualism' Posthumously?**

Ans
✗ 1. Libia Lobo Sardesai
✗ 2. MD Srinivas
✓ 3. Lama Lobzang
✗ 4. Madugula Nagaphani Sarma

Q.3 What is the mean of the following distribution?

Marks	19	36	60	69	85
No. of Students	63	62	59	17	70

Ans
✗ 1. 54
✗ 2. 34
✗ 3. 77
✓ 4. 52

Q.4 On 26 March 2025, where was the 8th State Level Coordination Committee (SLCC) meeting conducted by the Reserve Bank of India (RBI)?

Ans
✗ 1. Imphal
✓ 2. Gangtok
✗ 3. Guwahati
✗ 4. Kolkata

Q.5 Two pipes, A and B, can fill a tank of 7800 litres in 12 hours and 10 hours, respectively. If they are opened together, how many hours will they take to fill an empty tank of 8800 litres?

Ans
✗ 1. $\frac{70}{13}\ hours$
✗ 2. $\frac{89}{13}\ hours$
✗ 3. $\frac{88}{13}\ hours$
✓ 4. $\frac{80}{13}\ hours$

Q.6 Who among the following was recognised in the 2025 TIME Earth Awards for environmental justice advocacy for marginalised communities?

Ans
✓ 1. Catherine Coleman Flowers
✗ 2. Jay Inslee
✗ 3. Michael Bloomberg
✗ 4. Selassie Atadika

Q.7 From a taxi stand, two cabs start at a speed of 54 km/hr at an interval of 29 minutes, both cabs travelling in the same direction. A man coming in the opposite direction towards the taxi stand meets the cabs at an interval of 12 minutes. Find the speed (in km/hr) of the man.

Ans
✗ 1. 74.8
✗ 2. 82.1
✓ 3. 76.5
✗ 4. 80.4

Q.8 If the selling price of a bed is 2-times of initial, then the profit is 10-times of initial. Find the initial profit percentage (in %).

Ans
✗ 1. 400
✗ 2. 20
✓ 3. 12.5
✗ 4. 500

Q.9 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 2 * 3 & @ @ 6 4 $ @ 3 * % 6 2 1 3 9 7 8 2 € (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
✗ 1. 4
✗ 2. 5
✗ 3. 3
✓ 4. 2

Q.10 If the ratio of two numbers is 17 : 6 and the product of their LCM and their HCF is 102, then the sum of the reciprocals of the LCM and the HCF is:

Ans

✗ 1. $\frac{103}{109}$

✗ 2. $\frac{103}{105}$

✓ 3. $\frac{103}{102}$

✗ 4. $\frac{103}{132}$

Q.11 What is the capital expenditure (CAPEX) allocated for Indian Railways in the financial year 2024-25?

Ans

✗ 1. ₹3.00 lakh crore

✓ 2. ₹2.62 lakh crore

✗ 3. ₹1.76 lakh crore

✗ 4. ₹2.20 lakh crore

Q.12 What happens when you press the Delete key after selecting a file in File Explorer in Windows OS?

Ans

✗ 1. The file is opened.

✗ 2. The file is renamed.

✗ 3. The file is permanently deleted.

✓ 4. The file is sent to the Recycle Bin.

Q.13 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. The product of floors on which F and E live is 15. C lives immediately above B. The sum of floors on which D and E live is 7. How many people live between B and D?

Ans

✗ 1. 3

✓ 2. 2

✗ 3. 1

✗ 4. 4

Q.14 Who authored the book 'Hind Swaraj', which outlined the principles of non-violent resistance and self-rule?

Ans

✗ 1. Bal Gangadhar Tilak

✓ 2. Mahatma Gandhi

✗ 3. Gopal Krishna Gokhale

✗ 4. Jawaharlal Nehru

Q.15 What is the fundamental difference between a 'cold boot' and a 'warm boot' of a computer system?

Ans

✗ 1. A cold boot preserves the current state of applications, while a warm boot closes them.

✓ 2. A cold boot restarts the operating system from a powered-off state, while a warm boot restarts it from a running state.

✗ 3. A cold boot is initiated by the user, while a warm boot is initiated by the operating system due to an error.

✗ 4. A cold boot only reloads the kernel, while a warm boot reinitializes all hardware components.

Q.16 Eklavya Model Residential Schools (EMRSs), the Government of India's education initiatives for tribal communities, were introduced in which year?

Ans

✗ 1. 2018-19

✗ 2. 1974-75

✗ 3. 2014-15

✓ 4. 1997-98

Q.17 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only five people sit between L and Q. P sits to the immediate left of Q. Only one person sits between P and I. O sits at some place to the left of K but at some place to the right of J. Who sits third from the left end of the line?

Ans
- ✗ 1. P
- ✗ 2. Q
- ✓ 3. O
- ✗ 4. J

Q.18 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✓ 1. NQ - RM
- ✗ 2. NM - PO
- ✗ 3. SR - UT
- ✗ 4. UT - WV

Q.19 Who will be the first Indian astronaut to travel to the International Space Station (ISS) as part of Axiom Mission 4?

Ans
- ✗ 1. Ashish Khanna
- ✓ 2. Shubhanshu Shukla
- ✗ 3. Sunita Williams
- ✗ 4. Rakesh Sharma

Q.20 Which of the following ratios is greatest?

Ans
- ✗ 1. 41 : 64
- ✓ 2. 50 : 59
- ✗ 3. 26 : 90
- ✗ 4. 40 : 70

Q.21 What was the theme of the 18th Pravasi Bharatiya Divas (PBD) Convention held in January 2025?

Ans
- ✗ 1. Strengthening Bonds: The Indian Diaspora and India@75
- ✗ 2. Redefining Engagement with the Indian Diaspora
- ✗ 3. Engaging Diaspora for a Self-Reliant India
- ✓ 4. Diaspora's contribution to a Viksit Bharat

Q.22 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and ∠PEB = 59°. G is a point between AB and CD such that ∠BEG = 50° and ∠GFE = 33°. What is the measure of ∠EGF?

Ans
- ✓ 1. 76°
- ✗ 2. 80°
- ✗ 3. 74°
- ✗ 4. 88°

Q.23 Which state has the longest coastline in mainland India?

Ans
- ✗ 1. Andhra Pradesh
- ✗ 2. Tamil Nadu
- ✓ 3. Gujarat
- ✗ 4. Maharashtra

Q.24 Which of the following numbers is divisible by 7?

Ans
- ✗ 1. 894
- ✗ 2. 87
- ✓ 3. 875
- ✗ 4. 687

Q.25 Bhawani Pathak and Devi Choudhurani were famous leaders associated with which of the following?

Ans
- ✗ 1. Indigo Rebellion
- ✗ 2. Munda Rebellion
- ✗ 3. Chuar Rebellion
- ✓ 4. Fakir and Sanyasi Rebellion

Q.26 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is NOT based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✗ 1. PS - QT
- ✗ 2. KN - LO
- ✗ 3. GJ - HK
- ✓ 4. DH - FP

Q.27 What should come in place of the question mark (?) in the given series?

1001 1000 997 992 985 ?

Ans
- ✗ 1. 975
- ✓ 2. 976
- ✗ 3. 978
- ✗ 4. 977

Q.28 L, M, N, O, P, Q, and R are sitting around a circular table facing the centre. M is sitting to the immediate right of Q and immediate left of O. N is sitting to the immediate right of O. P is sitting to the immediate left of L. R is sitting to the immediate right of L and immediate left of Q. The position of how many persons will remain unchanged if all the persons are arranged in alphabetical order in clockwise direction starting from L (including L)?

Ans
- ✗ 1. 4
- ✗ 2. 3
- ✗ 3. 1
- ✓ 4. 5

Q.29 According to the Future of Jobs Report 2025, which of the following is identified as the most transformative trend for businesses by 2030?

Ans
- ✗ 1. Robotics and automation
- ✗ 2. Energy generation and storage
- ✗ 3. Health and information processing
- ✓ 4. Broadening digital access

Q.30 A boat takes 51 minutes to go 10.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 7 : 6. How much total time (in hours) will the boat take to go 17.7 km upstream and 66.3 km downstream?

Ans
- ✗ 1. 3.4
- ✗ 2. 2.1
- ✓ 3. 1.9
- ✗ 4. 0.3

Q.31 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+', and 'D' stands for '–', what will come in place of the question mark (?) in the following equation?

45 B 14 A 21 D 17 C 25 = ?

Ans
- ✗ 1. 54
- ✗ 2. 42
- ✗ 3. 36
- ✓ 4. 38

Q.32 An article was bought for ₹1,300. Its price was marked up by 35%. Thereafter it was sold at a discount of 20% on the marked price. What was the percentage profit on the transaction?

Ans
- ✗ 1. 7%
- ✗ 2. 10%
- ✗ 3. 6%
- ✓ 4. 8%

Q.33 At what rate of interest (in percentage) per year will a sum of money double itself in 5 years on simple interest?

Ans
- ✗ 1. 40%
- ✓ 2. 20%
- ✗ 3. 22%
- ✗ 4. 18%

Q.34 Simplify:

$$144 \div \left[\frac{8}{4} \times \{7 + 7 - (5 + 8 - (9 + 2))\}\right]$$

Ans
- ✗ 1. 11
- ✗ 2. 9
- ✓ 3. 6
- ✗ 4. 3

Q.35 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

SKC WOG ASK EWO ?

Ans
- ✓ 1. IAS
- ✗ 2. AIS
- ✗ 3. ASI
- ✗ 4. ISA

Q.36 Each of O, P, Q, R, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S has an exam on Wednesday. R has an exam on one of the days after P and T has an exam on one of the days before Q. U has an exam immediately after O and S has an exam immediately before O. T has an exam on one of the days after U. How many people have an exam between S and Q?

Ans
- ✗ 1. Two
- ✗ 2. Four
- ✗ 3. Five
- ✓ 4. Three

Q.37 In India, irrigation projects with a Cultivable Command Area (CCA) of more than 10,000 hectares are classified as:

Ans
- ✗ 1. Micro Projects
- ✗ 2. Minor Projects
- ✗ 3. Local Projects
- ✓ 4. Major Projects

Q.38 This question is based on the words given below.

(Left) BAD FIG ICE NOT (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding in the English alphabetical order. In how many letter clusters thus formed, will no vowel appear?

Ans
- ✓ 1. Two
- ✗ 2. None
- ✗ 3. Three
- ✗ 4. One

Q.39 The length of a vertical rod and its shadow are in the ratio of $2 : \sqrt{12}$. Find the angle of elevation of the sun.

Ans
- ✗ 1. 75°
- ✗ 2. 45°
- ✗ 3. 60°
- ✓ 4. 30°

Q.40 This question is based on the five, three-digit numbers given below.

(Left) 662 268 547 409 909 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans
- ✗ 1. −8
- ✗ 2. −6
- ✗ 3. −4
- ✓ 4. −7

Q.41 If $x - \frac{1}{x} = 10$, then the value of $x^3 - \frac{1}{x^3}$ is:

Ans
- ✗ 1. 986
- ✓ 2. 1030
- ✗ 3. 992
- ✗ 4. 1386

Q.42 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. F has the exam on Friday. Only two people have their exams between T and F. Only four people have their exams between E and T. S has the exam immediately after U. D does not have the exam on Monday. How many people have their exams before D and after C?

Ans
- ✓ 1. Four
- ✗ 2. One
- ✗ 3. Two
- ✗ 4. Three

Q.43 Select the pair that follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

PIL : TMP
NAP : RET

Ans
✗ 1. NLI : JPM
✓ 2. SWT : WAX
✗ 3. SPL : WLH
✗ 4. BGM : GKQ

Q.44 A cook earns ₹8,400 per month. If she spends 60% of it each month, how much will she save (in ₹) by one-fourth of a year?

Ans
✓ 1. 10,080
✗ 2. 7,200
✗ 3. 12000
✗ 4. 5,040

Q.45 KF 17 is related to HB 6 in a certain way. In the same way, KH 12 is related to HD 1. To which of the following is LP −6 related following the same logic?

Ans
✗ 1. HI −18
✗ 2. PL −19
✓ 3. IL −17
✗ 4. MP −13

Q.46 Which of the following regions in India is known for the Shola forests?

Ans
✗ 1. Sundarbans
✗ 2. Eastern Ghats
✓ 3. Western Ghats
✗ 4. Thar Desert

Q.47 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: LQT :: AJM : %

Ans
✗ 1. # = JQM, % = CPK
✗ 2. # = JPT, % = CKR
✗ 3. # = JRM, % = COP
✓ 4. # = JPR, % = CKO

Q.48 In 2025, which Indian state initiated scientific coal mining after a decade-long ban on unscientific mining practices?

Ans
✗ 1. Jharkhand
✓ 2. Meghalaya
✗ 3. Chhattisgarh
✗ 4. Odisha

Q.49 Sudeep starts from Point A and drives 3 km towards south. He then takes a left turn, drives 4 km, turns right and drives 4 km. He then takes a left turn and drives 3 km. He takes a final left turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again (all turns are 90° turns only unless specified)?

Ans
✗ 1. 7 km; East
✗ 2. 6 km; East
✓ 3. 7 km; West
✗ 4. 6 km; West

Q.50 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	2	@	9	5	$	&	3	%	#	7	+	4	8	6
Code	T	F	A	J	L	E	W	Q	D	P	R	B	U	S

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
If none of the above conditions are met, then the elements are to be simply coded as per the codes given in the question.
What will be the code for the following group?

@ 2 4 7 +

Ans
- ✗ 1. RTBPF
- ✗ 2. RBBPF
- ✗ 3. FBBPR
- ✓ 4. FTBPR

Q.51 Which of the following statements is/are correct regarding the Indian National Congress (INC)?
a) The INC was founded in 1885 by Allan Octavian Hume.
b) The first session of the INC was held in Pune under the presidency of WC Bonnerjee.

Ans
- ✓ 1. Only a
- ✗ 2. Neither a nor b
- ✗ 3. Only b
- ✗ 4. Both a and b

Q.52 Which Article of the Indian Constitution explicitly declares laws violating Fundamental Rights as void?

Ans
- ✗ 1. Article 32
- ✗ 2. Article 143
- ✗ 3. Article 226
- ✓ 4. Article 13

Q.53 What type of memory is used to store data temporarily while a computer is running?

Ans
- ✓ 1. RAM
- ✗ 2. Cache
- ✗ 3. ROM
- ✗ 4. Hard Disk

Q.54 MILK is related to TPSR in a certain way based on the English alphabetical order. In the same way, POT is related to WVA. To which of the given options is NATION related, following the same logic?

Ans
- ✓ 1. UHAPVU
- ✗ 2. UHAPUV
- ✗ 3. UHAPUU
- ✗ 4. UHAAUV

Q.55 PM Modi's visit to which country in November 2024 marked the first by an Indian Prime Minister in 17 years?

Ans
- ✔ 1. Nigeria
- ✘ 2. Ethiopia
- ✘ 3. Ghana
- ✘ 4. Tanzania

Q.56 The Shakas were defeated by which tribal group before entering India?

Ans
- ✘ 1. The Huns
- ✔ 2. The Yueh-chis
- ✘ 3. The Parthians
- ✘ 4. The Greeks

Q.57 $\frac{\sqrt[3]{1331}}{\sqrt[4]{10000}} \times \frac{5}{33} \times 30 =$

Ans
- ✘ 1. 9
- ✘ 2. 13
- ✔ 3. 5
- ✘ 4. 6

Q.58 Who succeeded Chandragupta I as the ruler of the Gupta Empire?

Ans
- ✘ 1. Ramagupta
- ✘ 2. Skandagupta
- ✘ 3. Kumaragupta
- ✔ 4. Samudragupta

Q.59 Select the number from among the given options that can replace the question mark (?) in the following series.
62 61.1 60.2 59.3 58.4 57.5 ?

Ans
- ✔ 1. 56.6
- ✘ 2. 56.2
- ✘ 3. 56.8
- ✘ 4. 56.4

Q.60 Which institution has been established by the 74th Constitutional Amendment, 1992, to conduct municipal elections in each State?

Ans
- ✘ 1. Regional Election Commission
- ✘ 2. Local Election Commission
- ✔ 3. State Election Commission
- ✘ 4. National Election Commission

Q.61 54 is related to 59 following a certain logic. Following the same logic, 30 is related to 35. To which of the following is 11 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✘ 1. 18
- ✔ 2. 16
- ✘ 3. 15
- ✘ 4. 17

Q.62 If '+' means '−', '−' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?

13 − 780 × 12 ÷ 16 + 32 = ?

Ans
- ✔ 1. 829
- ✘ 2. 929
- ✘ 3. 815
- ✘ 4. 1232

Q.63 Akshat invested ₹90,625 at 8% p.a. for 1 year at compound interest, compounded half-yearly. The amount received by him is:

Ans
- ✔ 1. ₹98,020
- ✘ 2. ₹98,802
- ✘ 3. ₹98,837
- ✘ 4. ₹98,984

Q.64 In March 2025, the Indian government sought parliamentary approval for additional spending. Which sector was allocated funds for upgrading networks in underserved areas?

Ans
- ✔ 1. Telecommunications
- ✘ 2. Transportation
- ✘ 3. Healthcare
- ✘ 4. Education

Q.65 How many unique characters can be represented using the standard ASCII code?

Ans
- ✔ 1. 128
- ✘ 2. 256
- ✘ 3. 64
- ✘ 4. 512

Q.66 Which writer authored 'Baluta', recognised as the pioneering Dalit autobiographical work in the Marathi language?

Ans
- ✘ 1. Namdeo Dhasal
- ✘ 2. Sharankumar Limbale
- ✔ 3. Daya Pawar
- ✘ 4. Omprakash Valmiki

Q.67 Under the Bharatmala Pariyojana, how many kilometres of roads are slated for development to improve border and international connectivity?

Ans
- ✘ 1. 9,000 km
- ✔ 2. 2,000 km
- ✘ 3. 5,000 km
- ✘ 4. 7,000 km

Q.68 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	4	@	7	#	3	&	8	*	2	^	9	$	6	+
Code	H	A	J	B	K	C	L	D	M	E	N	F	P	G

Conditions:
If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an even number and the last an odd number, the first and last elements are to be coded as '('.
If both second and third elements are perfect squares, the code of the third element will be the code for the second element.
What will be the code for the following group?

4739

Ans
✔ 1. (JK(
✘ 2. (KJ(
✘ 3. HKJN
✘ 4. HJKN

Q.69 According to the State Bank of India (SBI) report on India's poverty rate for 2024, what is the estimated national poverty rate?

Ans
✘ 1. 5.5% to 6.0%
✔ 2. 4.0% to 4.5%
✘ 3. 3.5% to 4.0%
✘ 4. 4.5% to 5.0%

Q.70 Robin and Varun together can paint a hall in 6 days. Robin alone can paint it in 42 days. In how many days can Varun alone paint it?

Ans
✔ 1. 7
✘ 2. 9
✘ 3. 10
✘ 4. 8

Q.71 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

54 ÷ 11 + 272 × 8 − 114 = ?

Ans
✔ 1. 674
✘ 2. 672
✘ 3. 675
✘ 4. 673

Q.72 A group of people consists of men, women and children. Among them, 20% are men, 50% are women and the rest are children, and their average weights are 45 kg, 50 kg and 50 kg, respectively. The average weight (in kg) of the group is:

Ans
✘ 1. 51
✘ 2. 50
✘ 3. 48
✔ 4. 49

Q.73 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

JGM KHN LIO MJP ?

Ans
- ✗ 1. NKR
- ✗ 2. NLR
- ✗ 3. NLQ
- ✓ 4. NKQ

Q.74 The term 'complementary' in the context of DNA refers to which of the following properties?

Ans
- ✗ 1. Identical chemical composition of both strands
- ✗ 2. Parallel orientation of nucleotide chains
- ✗ 3. Matching number of sugar-phosphate units
- ✓ 4. Hydrogen bonding potential based on base specificity

Q.75 Which of the following foods would you advise to neutralise excess stomach acids?

Ans
- ✓ 1. Baking soda
- ✗ 2. Vinegar
- ✗ 3. Lemon juice
- ✗ 4. Spicy peppers

Q.76 Under the Fifth Schedule, the Governor's regulations in Scheduled Areas can prohibit or restrict which of the following?

Ans
- ✗ 1. Tax collection
- ✓ 2. Land transfers
- ✗ 3. Water usage
- ✗ 4. Freedom of speech

Q.77 In a bag containing red, green, and pink tokens, the ratio of red to green tokens was 7 : 20, while the ratio of pink to red tokens was 15 : 12. What was the ratio of green to pink tokens?

Ans
- ✗ 1. 19 : 12
- ✗ 2. 11 : 5
- ✓ 3. 16 : 7
- ✗ 4. 25 : 7

Q.78 Alok, Gita, and Suresh invest ₹56,000, ₹52,000, and ₹69,000 respectively to start a business. At the end of the year, the total profit earned is ₹76,700. 31% of the total profit earned is given to charity and the rest is divided among them in the ratio of their investment. What will be the share of Suresh (in ₹)?

Ans
- ✓ 1. 20,631
- ✗ 2. 20,693
- ✗ 3. 20,551
- ✗ 4. 20,727

Q.79 What happens if you try to open a MS PowerPoint presentation created in a newer version (e.g., MS PowerPoint 2021) in an older version (e.g., MS PowerPoint 2010)?

Ans
- ✗ 1. The file will be automatically converted to a PDF.
- ✗ 2. The file will open normally with all features intact.
- ✗ 3. MS PowerPoint will display an error and refuse to open the file.
- ✓ 4. The file will open in Compatibility Mode with limited features.

Q.80 What popular title is used to refer to the Bengali poet Jibanananda Das?

Ans
- ✗ 1. Jibon Kobi
- ✓ 2. Rupashi Banglar Kabi
- ✗ 3. Kobiraj of Kolkata
- ✗ 4. Bhasha Shaheed Kabi

Q.81 Following are the marks obtained by 5 students in a test: 45, 67, 80, 56 and 72. What is the range of the marks?

Ans
- ✗ 1. 40
- ✗ 2. 45
- ✗ 3. 80
- ✓ 4. 35

Q.82 A conical vessel has base radius 31 cm and height 45 cm. Water is poured into the vessel until it is $\frac{2}{3}$ full. Find the volume (in cm^3) of water in the vessel.

Ans
- ✗ 1. 9614π
- ✗ 2. 9611π
- ✓ 3. 9610π
- ✗ 4. 9606π

Q.83 The Waqf (Amendment) Act, 2025 introduced which significant change to the composition of Waqf Boards?

Ans
- ✗ 1. Abolition of State Waqf Boards
- ✗ 2. Privatisation of Waqf properties
- ✓ 3. Inclusion of non-Muslim members
- ✗ 4. Exemption from government audits

Q.84 Which period in India's demographic history is marked by a sharp decline in mortality and persistently high fertility rates?

Ans
- ✗ 1. Phase II (1921–1951)
- ✗ 2. Phase I (1901–1921)
- ✓ 3. Phase III (1951–1981)
- ✗ 4. Phase IV (1981–2001)

Q.85 When was the Protection of Human Rights Act passed in India?

Ans
- ✗ 1. 2003
- ✗ 2. 1996
- ✗ 3. 2006
- ✓ 4. 1993

Q.86 A vendor sold 4 chocolates for ₹1, thereby gaining 100%. How many chocolates did he buy for ₹1?

Ans
- ✗ 1. 12
- ✗ 2. 14
- ✓ 3. 8
- ✗ 4. 10

Q.87 India's first indigenous CAR-T therapy and gene therapy for Hemophilia, discussed during the 7th PM-STIAC meeting in January 2025, were presented by experts from which institutions?

Ans
- ✗ 1. NIPER and PGIMER, Chandigarh
- ✗ 2. CSIR and JIPMER, Puducherry
- ✓ 3. IIT Bombay and St. John's Hospital, Bengal
- ✗ 4. IISc, Bengaluru and AIIMS, Delhi

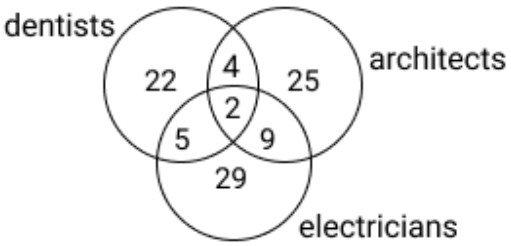
Q.88 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 6435127, what will be the sum of the second digit from the left and the third digit from the right in the new number thus formed?

Ans
- ✗ 1. 4
- ✗ 2. 10
- ✗ 3. 8
- ✓ 4. 6

Q.89 Arvind is now 40 years old and Asha is 25 years old. How many years ago from now was Arvind four times as old as Asha?

Ans
- ✗ 1. 10 years
- ✓ 2. 20 years
- ✗ 3. 15 years
- ✗ 4. 25 years

Q.90 Study the given Venn diagram carefully and answer the questions.



The numbers in different sections indicate the number of persons. How many electricians are there who are also architects but not dentists?

Ans
- ✗ 1. 5
- ✗ 2. 2
- ✓ 3. 9
- ✗ 4. 4

Q.91 Given are the ages (in years) of five people: 20, 30, 35, 40 and 45. Calculate the average age in years.

Ans
- ✓ 1. 34
- ✗ 2. 30
- ✗ 3. 32.5
- ✗ 4. 35

Q.92 In an election, there were two candidates. One of the candidates secured 48% of the votes and was defeated by the other candidate by 756 votes. Find the total number of votes polled.

Ans
- ✗ 1. 17,800
- ✗ 2. 19,500
- ✗ 3. 15,600
- ✓ 4. 18900

Q.93 In a circle, the length of a chord is 12 cm and the perpendicular distance from the centre of the circle to the chord is 5 cm. What is the radius of the circle? (Rounded up to two decimal places.)

Ans
- ✓ 1. 7.81 cm
- ✗ 2. 6.97 cm
- ✗ 3. 9.87 cm
- ✗ 4. 10.25 cm

Q.94 A solid metallic sphere of radius 10 cm is melted and recast into 125 identical spheres. What is the ratio of the surface area of the original sphere to the total surface area of 6 smaller spheres so formed?

Ans

✗ 1. 49 : 108

✓ 2. 25 : 6

✗ 3. 109 : 84

✗ 4. 25 : 96

Q.95 Which criticism highlights the parliamentary system's departure from the principle of separation of powers?

Ans

✗ 1. Ministers are appointed based on expertise rather than political affiliation.

✗ 2. The executive and legislature operate independently.

✗ 3. The cabinet simultaneously leads the executive and legislature, creating fusion of powers.

✓ 4. The President has absolute control over the Prime Minister.

Q.96 In a certain code language,
A + B means 'A is the mother of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N × O − P ÷ Q'?

Ans

✗ 1. Mother's brother's wife's sister

✗ 2. Father's brother's wife's sister

✓ 3. Father's brother's wife's mother

✗ 4. Mother's brother's wife's mother

Q.97 Rajendra starts from point A and drives 9 km towards the north. He then takes a left turn, drives 7 km, turns left and drives 11 km. He then takes a left turn and drives 10 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

Ans

✓ 1. 3 km to the west

✗ 2. 1 km to the west

✗ 3. 2 km to the west

✗ 4. 3 km to the east

Q.98 What is the target number of houses to be built under the Pradhan Mantri Awas Yojana (Urban) by 2023-2024?

Ans

✗ 1. 2.67 crore

✗ 2. 3.32 crore

✗ 3. 4.41 crore

✓ 4. 1.89 crore

Q.99 A body of mass 10 kg is moving with a uniform velocity of 5 m/s. What is the net force acting on it?

Ans

✗ 1. 10 N

✗ 2. 2 N

✓ 3. 0 N

✗ 4. 50 N

Q.100 If sum and product of the roots of a quadratic equation are $(4-3\sqrt{2})$ and -28, respectively, then find the quadratic equation.

Ans

✗ 1. $x^2-(4+3\sqrt{2})x+28=0$

✗ 2. $x^2+(4+3\sqrt{2})x+28=0$

✗ 3. $x^2+(4-3\sqrt{2})x-28=0$

✓ 4. $x^2-(4-3\sqrt{2})x-28=0$

Test Date	06/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **The sides (in cm) of a right triangle are (x − 13), (x − 26) and x. Its area (in cm^2) is:**

Ans
✗ 1. 999
✓ 2. 1014
✗ 3. 1010
✗ 4. 1012

Q.2 If $\tan\theta = \frac{7}{8}$, then evaluate $\frac{(1 + \sin\theta)(1 - \sin\theta)}{(1 + \cos\theta)(1 - \cos\theta)(\cot\theta)}$.

Ans
✓ 1. $\frac{8}{7}$
✗ 2. $\frac{7}{8}$
✗ 3. $\frac{49}{64}$
✗ 4. $\frac{64}{49}$

Q.3 **If 24 is subtracted from three times an unknown number, the difference is 258. What is the unknown number?**

Ans
✓ 1. 94
✗ 2. 70
✗ 3. 78
✗ 4. 82

Q.4 **The sides of a rectangular field are 169 m and 154 m long. Its area is equal to the area of a circular field. What is the circumference (in m) of the circular field?**

Take $\pi = \frac{22}{7}$

Ans
✗ 1. 525
✗ 2. 540
✓ 3. 572
✗ 4. 544

Q.5 Which of the following actors was honoured with the 2025 International Goya Award for his contributions to global cinema?

Ans
- ✗ 1. Sigourney Weaver
- ✓ 2. Richard Gere
- ✗ 3. Cate Blanchett
- ✗ 4. Juliette Binoche

Q.6 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. SUP
- ✗ 2. NPK
- ✓ 3. PRV
- ✗ 4. GID

Q.7 Simplify: $\sqrt[6]{729} + \sqrt[4]{65536} + \sqrt[3]{5832} + \sqrt{1764}$

Ans
- ✗ 1. 121
- ✗ 2. 65
- ✗ 3. 133
- ✓ 4. 79

Q.8 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only four boxes are kept between D and F. Only A is kept above D. Only two boxes are kept between C and G. E is kept immediately above B. G is not kept immediately above E. How many boxes are kept below E?

Ans
- ✗ 1. 1
- ✗ 2. 2
- ✗ 3. 4
- ✓ 4. 3

Q.9 WJ 15 is related to UN 11 in a certain way. In the same way, QH 8 is related to OL 4. To which of the given options is RI 3 related, following the same logic?

Ans
- ✗ 1. IN −9
- ✗ 2. PL −7
- ✗ 3. TR −5
- ✓ 4. PM −1

Q.10 What milestone did Virat Kohli achieve in the 2025 IPL season (as of 15 April, 2025)?

Ans
- ✗ 1. Hitting 500 sixes in the IPL
- ✗ 2. Scoring 10,000 runs in the IPL
- ✓ 3. Registering a combined total of 1000 fours and sixes in IPL history
- ✗ 4. Winning 5 IPL titles

Q.11 In a certain code language, ‘joy lab poet’ is coded as ‘to dl dh’ and ‘poet win union’ is coded as ‘dl fo kb’. How is ‘poet’ coded in the given language?

Ans
- ✓ 1. dl
- ✗ 2. dh
- ✗ 3. fo
- ✗ 4. to

Q.12 What happens when an Indian citizen renounces their citizenship?

Ans
- ✗ 1. They become a foreign diplomat.
- ✗ 2. Nothing changes.
- ✓ 3. They lose their Indian citizenship.
- ✗ 4. They are fined.

Q.13 Each of the digits in the number 8142769 is arranged in the ascending order from left to right. Which of the following digits will be fourth from the left in the new number thus formed?

Ans
- ✓ 1. 6
- ✗ 2. 4
- ✗ 3. 8
- ✗ 4. 2

Q.14 A man has to cover a distance of 387 km in 21 hours. If he covers two – third of this distance in $\frac{5}{7}$ of the time, then what should his speed (in km/hr) be to cover the remaining distance in the time left?

Ans
- ✓ 1. 21.5
- ✗ 2. 8.6
- ✗ 3. 11.5
- ✗ 4. 15.5

Q.15 Evan starts from point A and drives 12 km towards west. He then takes a left turn, drives 6 km, turns left and drives 4 km. He then takes a right turn and drives 2 km. He then takes a right turn and drive 3 km. He then takes a left turn and drives 3 km. He takes a final left turn, drives 11 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again (all turns are 90° turns only unless specified)?

Ans
- ✗ 1. 9 km south
- ✗ 2. 11 km south
- ✓ 3. 11 km north
- ✗ 4. 12 km north

Q.16 In March 2025, which wildlife sanctuary in Punjab was proposed to be developed into a leopard safari to boost eco-tourism?

Ans
- ✓ 1. Jhajjar-Bachauli Wildlife Sanctuary
- ✗ 2. Harike Wildlife Sanctuary
- ✗ 3. Bir Moti Bagh Wildlife Sanctuary
- ✗ 4. Abohar Wildlife Sanctuary

Q.17 In December 2024, Indian Navy Day was celebrated with which theme?

Ans
- ✓ 1. Strength and Power through Innovation and Indigenization
- ✗ 2. Guardians of the Sea with Strategic Operational Excellence
- ✗ 3. Blue Waters and Technological Strength for National Defence
- ✗ 4. Innovation and Self-Reliance for Maritime Supremacy in India

Q.18 Find the simple interest (in ₹) if a sum of ₹350 is borrowed for 1.5 years at 20% per annum rate of interest.

Ans
- ✗ 1. 85
- ✗ 2. 155
- ✓ 3. 105
- ✗ 4. 205

Q.19 **Which of the following characters is NOT allowed in a filename when renaming in Windows?**

Ans

✗ 1. - (hyphen)

✗ 2. _ (underscore)

✓ 3. ? (question mark)

✗ 4. # (hash)

Q.20 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✓ 1. LD - KH

✗ 2. OP - KL

✗ 3. IJ - EF

✗ 4. MN - IJ

Q.21 **Which command in Windows 10 CMD will delete all .log files in the current directory without asking for confirmation?**

Ans

✗ 1. del *.log

✗ 2. del *.log /p

✓ 3. del *.log /q

✗ 4. erase *.log

Q.22 **Which of the following statements about Exercise CYCLONE, conducted in February 2025 is/are correct?**

1. It was held at Mahajan Field Firing Ranges in Rajasthan.
2. The participating countries were India and Egypt.
3. The exercise focussed on artillery training of joint forces.

Ans

✗ 1. Only 1

✓ 2. Only 1 and 2

✗ 3. 1, 2 and 3

✗ 4. Only 2

Q.23 **DREAM is related to ZNAWI in a certain way based on the English alphabetical order. In the same way, DANCE is related to ZWJYA. To which of the given options is DOUBT related, following the same logic?**

Ans

✗ 1. ZKKXP

✗ 2. ZKVXP

✗ 3. ZKPXP

✓ 4. ZKQXP

Q.24 **The mode and median of a dataset is 52.7 and 65, respectively. What is the mean of the dataset? (Use empirical formula, and round off your answer to one decimal place.)**

Ans

✓ 1. 71.2

✗ 2. 77.8

✗ 3. 68.2

✗ 4. 62.5

Q.25 **If 68 is the mean proportion between x and 272, what is the value of x?**

Ans

✓ 1. 17

✗ 2. 19

✗ 3. 16

✗ 4. 15

Q.26 X, Y and Z invest a sum in the ratio 6 : 59 : 41 respectively. If they earned total profit of ₹3,180 at the end of year, then what is the difference between the share of Y and Z?

Ans
✗ 1. ₹634
✗ 2. ₹484
✗ 3. ₹432
✓ 4. ₹540

Q.27 A and B can do a job in 25 days and 18 days, respectively. A works alone for 4 days and leaves. The number of days required by B to complete the remaining job is:

Ans
✓ 1. $15\frac{3}{25}$
✗ 2. $15\frac{3}{26}$
✗ 3. $17\frac{4}{26}$
✗ 4. $16\frac{3}{25}$

Q.28 Kanishka, the Kushana ruler, was a patron of which religion?

Ans
✗ 1. Christianity
✓ 2. Buddhism
✗ 3. Jainism
✗ 4. Zoroastrianism

Q.29 Which of the following soils has the highest water-retaining capacity?

Ans
✗ 1. Red soil
✓ 2. Black soil
✗ 3. Desert soil
✗ 4. Alluvial soil

Q.30 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged, and '×' and '÷' are interchanged?

56 – 12 × 4 ÷ 9 + 5 = ?

Ans
✗ 1. 55
✗ 2. 54
✓ 3. 78
✗ 4. 90

Q.31 The average of 10 observations is 40. It was realised later that an observation was misread as 33 in place of 50. Find the correct average.

Ans
✗ 1. 44.7
✗ 2. 40.7
✗ 3. 42.7
✓ 4. 41.7

Q.32 Sachin's salary was first reduced by 16% and subsequently raised by 10%. What percentage was his final salary lower compared to his initial salary?

Ans
✗ 1. 16%
✗ 2. 10%
✗ 3. 1.6%
✓ 4. 7.6%

Q.33 When were privy purses officially abolished in India?

Ans
- ✗ 1. 1956
- ✗ 2. 1969
- ✗ 3. 1980
- ✓ 4. 1971

Q.34 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

VQL TOJ RMH PKF ?

Ans
- ✓ 1. NID
- ✗ 2. NDI
- ✗ 3. DNI
- ✗ 4. DIN

Q.35 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1437586, what will be difference between the highest and lowest digits in the number thus formed?

Ans
- ✓ 1. 6
- ✗ 2. 1
- ✗ 3. 4
- ✗ 4. 7

Q.36 The Desert National Park is renowned for which endangered bird species?

Ans
- ✗ 1. Peacock
- ✗ 2. Great Hornbill
- ✓ 3. Great Indian Bustard
- ✗ 4. Bengal Florican

Q.37 What was the main reason for the protest against the Simon Commission in 1928?

Ans
- ✗ 1. Introduction of new laws
- ✗ 2. Discrimination against minorities
- ✗ 3. High taxes
- ✓ 4. Lack of Indian representation

Q.38 What should come in place of the question mark (?) in the given series?

901 900 897 892 885 ?

Ans
- ✗ 1. 877
- ✓ 2. 876
- ✗ 3. 875
- ✗ 4. 873

Q.39 What type of assistance is being provided by India to Myanmar under Operation Brahma 2025?

Ans
- ✗ 1. Only financial assistance
- ✓ 2. Disaster relief material, humanitarian assistance, search & rescue teams
- ✗ 3. Only medical assistance
- ✗ 4. Only food supplies

Q.40 **Which one is NOT the method to search for and replace text in Microsoft Word?**

Ans

✗ 1. Press Ctrl + H to open the Find and Replace window

✓ 2. Click on Alt + Enter key

✗ 3. Click 'Edit' and then select 'Find and Replace'.

✗ 4. Go to the 'Home' tab and select 'Replace'.

Q.41 **Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE – A two/three-digit number cannot be broken into individual digits for operations, e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)**
11 - 12 - 13 - 26 ; 19 - 20 - 21 - 42

Ans

✗ 1. 9 - 10 - 11 - 24

✗ 2. 3 - 4 - 5 - 12

✓ 3. 7 - 8 - 9 - 18

✗ 4. 4 - 5 - 6 - 10

Q.42 **Who were the winners of the Balbir Singh Sr Award for Player of the Year 2025 in the men's and women's categories?**

Ans

✗ 1. PR Sreejesh and Navjot Kaur

✗ 2. Harmanpreet Singh and Vandana Katariya

✗ 3. Manpreet Singh and Rani Rampal

✓ 4. Harmanpreet Singh and Savita Punia

Q.43 **Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.**

(Left) 6 @ 8 £ 5 @ $ 7 & 3 6 & # 9 # 1 * £ 5 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another number?

Ans

✗ 1. Two

✗ 2. Four

✗ 3. Three

✓ 4. One

Q.44 **A, B, C, D, G, H, and I are sitting around a circular table facing the centre. H sits to the immediate right of D. Only three people sit between H and I when counted from the left of H. Only three people sit between D and C. A sits to the immediate right of G. How many people sit between D and G when counted from the right of G?**

Ans

✓ 1. One

✗ 2. Three

✗ 3. Two

✗ 4. Four

Q.45 **The difference between the compound interest, compounded annually and the simple interest if ₹17,700 is deposited at 4% rate of interest per annum for 2 years is:**

Ans

✗ 1. ₹27.62

✓ 2. ₹28.32

✗ 3. ₹33.42

✗ 4. ₹18.12

Q.46 If Vishal covers 184 km in a boat in 48 hours against the stream and he takes 12 hours with the stream, then find the speed of the stream.

Ans
- ✗ 1. 13.66 km/hr
- ✗ 2. 14.36 km/hr
- ✗ 3. 10.64 km/hr
- ✓ 4. 5.75 km/hr

Q.47 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 4 6 & 8 $ 7 & 3 9 # % 4 6 @ £ 5 Ω 9 # 1 * 7 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another number?

Ans
- ✗ 1. Three
- ✗ 2. Five
- ✓ 3. Six
- ✗ 4. Four

Q.48 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Symbol	3	9	7	&	2	@	5	%	1	8	Δ	4	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?
@ 9 7 8 3

Ans
- ✓ 1. L C Z T W
- ✗ 2. T C B L W
- ✗ 3. W T C B L
- ✗ 4. L C T B W

Q.49 How many recognised styles of Vedic recitation (Pathas) are there?

Ans
- ✗ 1. Ten
- ✓ 2. Eleven
- ✗ 3. Seven
- ✗ 4. Nine

Q.50 The India-Bhutan boundary is primarily defined by which of these?

Ans
- ✗ 1. Border fencing
- ✗ 2. Desert
- ✗ 3. Trade posts
- ✓ 4. Mountains and treaties

Q.51 In a certain code language, 'MUTE' is coded as '3517' and 'EARS' is coded as '2458'. What is the code for 'E' in the given code language?

Ans
- ✗ 1. 7
- ✓ 2. 5
- ✗ 3. 2
- ✗ 4. 8

Q.52 What is the primary purpose of the American Standard Code for Information Interchange (ASCII)?

Ans
- ✗ 1. To enable secure encryption of data for internet transmission
- ✗ 2. To design a graphical user interface for operating systems
- ✗ 3. To create a programming language for text-based applications
- ✓ 4. To define a standardised set of codes for representing text and control characters

Q.53 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

 # : MLD :: VAM : %

Ans
- ✗ 1. # = YFP, % = BKS
- ✗ 2. # = SVJ, % = YFP
- ✓ 3. # = PQG, % = SVJ
- ✗ 4. # = BKS, % = PQG

Q.54 A vendor bought lemons at 7 for ₹1. How many lemons must he sell for ₹1 to gain 40%?

Ans
- ✗ 1. 6
- ✗ 2. 9
- ✓ 3. 5
- ✗ 4. 7

Q.55 The 2025 World Economic Forum introduced which initiative focusing on India's role in global geopolitics and innovation?

Ans
- ✗ 1. Indo-Pacific Forum
- ✓ 2. Global India Dialogues
- ✗ 3. Bharat 2030
- ✗ 4. India Rising

Q.56 NITI Aayog released the inaugural Fiscal Health Index (FHI) 2025. Which state topped the index with the highest overall score, indicating strong fiscal management?

Ans
- ✗ 1. Karnataka
- ✓ 2. Odisha
- ✗ 3. Tamil Nadu
- ✗ 4. Maharashtra

Q.57 What powers were reinstated to the States by the 105th Constitutional Amendment Act?

Ans
- ✗ 1. Power to form new states
- ✗ 2. Power to levy GST
- ✓ 3. Power to identify Socially and Educationally Backward Classes (SEBCs), including Other Backward Classes (OBCs)
- ✗ 4. Power to decide election dates

Q.58 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some deers are lions.
Some frogs are deers.
Some horses are lions.

Conclusions:
(I) Atleast some lions are frogs.
(II) Some deers are horses.

Ans
✗ 1. Only conclusion (I) follows.
✓ 2. Neither conclusion (I) nor (II) follows.
✗ 3. Only conclusion (II) follows.
✗ 4. Both conclusions (I) and (II) follow.

Q.59 In a certain code language,

A + B means 'A is the mother of B'
A – B means 'A is the brother of B'
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N ÷ O × P – Q'?

Ans
✓ 1. Brother's wife's father's mother
✗ 2. Brother's wife's mother's sister
✗ 3. Brother's wife's father's sister
✗ 4. Brother's wife's mother's mother

Q.60 ABCD is a trapezium in which BC ∥ AD and AC = CD. If ∠ABC = 69° and ∠BAC = 23°, then what is the measure of ∠ACD (in degree)?

Ans
✓ 1. 4°
✗ 2. 7°
✗ 3. 14°
✗ 4. 10°

Q.61 Article 31B was introduced to protect which type of laws from court challenges?

Ans
✓ 1. Land reform laws
✗ 2. Language laws
✗ 3. Taxation laws
✗ 4. Environmental laws

Q.62 Which country hosted the 78th Cannes Film Festival in May 2025?

Ans
✗ 1. Spain
✓ 2. France
✗ 3. The Netherlands
✗ 4. Germany

Q.63 What type of coastal plain are the Western Coastal Plains of India classified as?

Ans
✗ 1. Deltaic coastal plain
✗ 2. Tidal coastal plain
✗ 3. Emergent coastal plain
✓ 4. Submerged coastal plain

Q.64 Who among the following is NOT considered a leader of the Moderates in the Indian National Congress?

Ans

✗ 1. Gopal Krishna Gokhale

✓ 2. Aurobindo Ghosh

✗ 3. Dadabhai Naoroji

✗ 4. Ferozshah Mehta

Q.65 What is the average of the first 10 prime numbers?

Ans

✗ 1. 15.8

✗ 2. 14

✗ 3. 16

✓ 4. 12.9

Q.66 Which of the following is the correct way to start a new blank presentation in MS PowerPoint?

Ans

✓ 1. Press Ctrl + N

✗ 2. Click File → Open

✗ 3. Press Ctrl + O

✗ 4. Click Insert → New Slide

Q.67 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

NKR PMT ROV TQX ?

Ans

✗ 1. VRZ

✗ 2. VSY

✓ 3. VSZ

✗ 4. VRY

Q.68 Find the volume (in cm^3) of the largest right circular cone that can be cut out from a cube with an edge of 8 cm.

$Use\ \pi = \frac{22}{7}$

Ans

✗ 1. $136\frac{2}{21}$

✓ 2. $134\frac{2}{21}$

✗ 3. $138\frac{2}{21}$

✗ 4. $127\frac{2}{21}$

Q.69 During which dynasty did the Mongols, led by Qultlug Khwaja, besiege Delhi and inflict significant damage?

Ans

✓ 1. Khalji Dynasty

✗ 2. Sayyid Dynasty

✗ 3. Mughal Dynasty

✗ 4. Suri Dynasty

Q.70 **Which of the following statements is NOT correct with reference to the p-block elements?**

Ans

✔ 1. They are also called transition elements.

✘ 2. They include non-metals and noble gases.

✘ 3. Their outermost configuration varies from ns^2np^1 to ns^2np^6.

✘ 4. They belong to Groups 13 to 18.

Q.71 **Simplify: 127 - [7 x (1 - 5 + 4)] ÷ 91**

Ans

✘ 1. 135

✘ 2. 133

✔ 3. 127

✘ 4. 118

Q.72 **Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.**

(Left) 3 * 9 & % 4 6 @ 9 # 1 * £ 5 8 $ 7 & 3 Ω (Right)

How many such symbols are there each of which is immediately preceded by a symbol and also immediately followed by a number?

Ans

✔ 1. Two

✘ 2. One

✘ 3. Three

✘ 4. Four

Q.73 **Select the number from among the given options that can replace the question mark (?) in the following series.**
215 187 161 137 115 95 ?

Ans

✘ 1. 87

✘ 2. 81

✔ 3. 77

✘ 4. 75

Q.74 **A patient lacking bile production would suffer from deficiency in absorption of _____.**

Ans

✘ 1. water

✘ 2. glucose

✘ 3. amino acids

✔ 4. fat-soluble vitamins

Q.75 **One pipe can fill the tank in 21 minutes while another pipe can empty completely filled tank in 24 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill one-fourth of the tank?**

Ans

✔ 1. 42

✘ 2. 126

✘ 3. 84

✘ 4. 168

Q.76 **6893.5 × 603.3 × 0.3019 is equal in value to:**

Ans

✘ 1. 6.8935 × 6.033 × 301.9

✘ 2. 6.8935 × 60.33 × 30.19

✔ 3. 68.935 × 6033 × 3.019

✘ 4. 689.35 × 603.3 × 301.9

Q.77 The arithmetic mean of the observations 28, 31, 40, 63, 57, 37, 34, 70 and 99 is:

Ans
- ✗ 1. 55
- ✗ 2. 50
- ✗ 3. 41
- ✓ 4. 51

Q.78 What happens if a law is declared unconstitutional under judicial review?

Ans
- ✓ 1. It becomes null and void.
- ✗ 2. It is amended by the President.
- ✗ 3. It remains valid but unenforceable.
- ✗ 4. It is sent back to the Parliament for reconsideration.

Q.79 When was the protection and improvement of environment and safeguarding of forests and wildlife as a directive added in the Constitution of India?

Ans
- ✗ 1. 2011
- ✓ 2. 1976
- ✗ 3. 1978
- ✗ 4. 2002

Q.80 When x is added to each of 22, 26, 19 and 21, then the numbers so obtained, in this order, are in proportion. Then, if 2x : y :: y : (4x-8), and y > 0, what is the value of y?

Ans
- ✓ 1. 48
- ✗ 2. 37
- ✗ 3. 46
- ✗ 4. 54

Q.81 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
F lives on an even numbered floor but not 6. The sum of floors on which D and F live is 7. B lives immediately above A. The sum of floors on which F and C live is 3.
How many people live between B and F?

Ans
- ✗ 1. Two
- ✗ 2. Four
- ✗ 3. Three
- ✓ 4. One

Q.82 What happens to the particles of a substance when it is heated?

Ans
- ✗ 1. They stop moving
- ✗ 2. They disappear
- ✓ 3. They move faster
- ✗ 4. They move slower

Q.83 If $x - \frac{1}{x} = 4$, then the value of $x^3 - \frac{1}{x^3}$ is:

Ans
- ✓ 1. 76
- ✗ 2. 414
- ✗ 3. 420
- ✗ 4. 259

Q.84 According to the Economic Survey 2025, what was the unemployment rate in India for 2023-24?

Ans

✗ 1. 4.5%

✗ 2. 6.5%

✗ 3. 5.2%

✓ 4. 3.2%

Q.85 How many new greenfield expressways are targeted for construction in India by the financial year 2024-25?

Ans

✗ 1. 30

✗ 2. 10

✗ 3. 15

✓ 4. 22

Q.86 Shyam starts from point A and drives 11 km towards the east. He then takes a right turn, drives 5 km, turns right and drives 12 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 1 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

Ans

✗ 1. 5 km to the north

✓ 2. 5 km to the south

✗ 3. 4 km to the south

✗ 4. 4 km to the north

Q.87 Manoj has 200 litres of Oil A and 274 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Manoj uses, so that all the oil that Manoj has, of both the types, can be poured into these containers?

Ans

✓ 1. 2

✗ 2. 10

✗ 3. 8

✗ 4. 3

Q.88 What is India's renewable energy target by the year 2030 in terms of installed capacity?

Ans

✓ 1. 500 GW

✗ 2. 300 GW

✗ 3. 175 GW

✗ 4. 100 GW

Q.89 Each of M, N, O, P, Q, R and S has an exam on a different day of the week, starting from Monday and ending on Sunday of the same week. S has an exam on Friday. Only two people have exams between S and R. O has an exam immediately before N. M has an exam immediately after P. S has an exam on one of the days after M. On which day does Q have an exam?

Ans

✗ 1. Wednesday

✗ 2. Sunday

✓ 3. Monday

✗ 4. Friday

Q.90 Which factor plays the most dominant role in the seasonal reversal of wind direction in India?

Ans

✗ 1. Latitude

✓ 2. Monsoonal pressure system

✗ 3. Relief

✗ 4. Ocean currents

Q.91 Find roots of $4m^2 + 6m + 2 = 0$

Ans
✗ 1. $-\frac{1}{2}$ and -4

✗ 2. $\frac{1}{2}$ and 1

✓ 3. $-\frac{1}{2}$ and -1

✗ 4. $-\frac{1}{2}$ and 4

Q.92 Akshay spends 40% of his income. If he saves ₹24,000, then his income (in ₹) is:

Ans
✗ 1. 9,600

✓ 2. 40,000

✗ 3. 41,000

✗ 4. 39,000

Q.93 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only three people sit between R and Q when counted from the left of R. Only three people sit between V and U when counted from the right of U. S sits to the immediate right of V. T is an immediate neighbour of U as well as Q. How many people sit between T and P when counted from the right of P?

Ans
✓ 1. 4

✗ 2. 2

✗ 3. 3

✗ 4. 1

Q.94 In Gond painting, what is the traditional name given to the handmade brush used by artists locally?

Ans
✗ 1. Kalam

✓ 2. Koochi

✗ 3. Kaadi

✗ 4. Likhani

Q.95 RD 14 is related to UF 10 in a certain way. In the same way, CR 10 is related to FT 6. To which of the given options is ON 1 related, following the same logic?

Ans
✗ 1. RS −1

✗ 2. PR −9

✓ 3. RP −3

✗ 4. QF −7

Q.96 If the selling price of a bed is 2-times of initial, then the profit is 11-times of initial. Find the initial profit percentage.

Ans
✗ 1. $9\frac{2}{11}\%$

✗ 2. 11%

✓ 3. $11\frac{1}{9}\%$

✗ 4. 9%

Q.97 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

66 ÷ 8 − 231 × 11 + 14 = ?

Ans

✗ 1. 545

✗ 2. 525

✗ 3. 515

✓ 4. 535

Q.98 According to luxury resort developer Fine Acers 2025, the market for branded residences and resorts in India is expected to reach ₹8,610 crore (US$ 1 billion) by .

Ans

✗ 1. 2026

✗ 2. 2029

✗ 3. 2028

✓ 4. 2027

Q.99 Which of the following is NOT one of the ten indicators used in calculating the Multidimensional Poverty Index (MPI)?

Ans

✗ 1. Years of schooling

✗ 2. Access to electricity

✓ 3. Internet connectivity

✗ 4. Nutrition

Q.100 The marked price of a bookshelf is ₹3,100, which is 25% above the cost price. It is sold at a discount of 12% on the marked price. Find the profit percentage.

Ans

✗ 1. 11%

✗ 2. 8%

✗ 3. 9%

✓ 4. 10%

Test Date	06/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)**

Ans
✔ 1. PK - MJ
✘ 2. NO - IJ
✘ 3. FG - AB
✘ 4. JK - EF

Q.2 **The mean proportional between 0.06 and 6 is:**

Ans
✘ 1. 0.06
✔ 2. 0.6
✘ 3. 60
✘ 4. 6

Q.3 **Who is the current Chief Minister of Delhi as of March 2025, and from which constituency was he/she elected in the 2025 Delhi Assembly elections?**

Ans
✘ 1. Rekha Gupta from Rajinder Nagar
✔ 2. Rekha Gupta from Shalimar Bagh
✘ 3. Atishi Marlena from Kalkaji
✘ 4. Arvind Kejriwal from New Delhi

Q.4 **The simplified value of 66 - 4 x (30 + 3) + 40 is:**

Ans
✔ 1. -26
✘ 2. -27
✘ 3. -29
✘ 4. -33

Q.5 **The Swadeshi Movement, launched to oppose the partition of Bengal and promote Indian goods, began in which year?**

Ans
✘ 1. 1904
✘ 2. 1906
✘ 3. 1907
✔ 4. 1905

Q.6 The average of 10 observations is 40. It was realised later that an observation was misread as 34 in place of 43. Find the correct average.

Ans
- ✗ 1. 39.9
- ✗ 2. 43.9
- ✗ 3. 41.9
- ✓ 4. 40.9

Q.7 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LJQ NLS PNU RPW ?

Ans
- ✗ 1. TRZ
- ✓ 2. TRY
- ✗ 3. TSZ
- ✗ 4. TSY

Q.8 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. The product of floors on which D and F live is 10. C lives immediately above E. The sum of floors on which B and D live is 11. How many people live between A and E?

Ans
- ✗ 1. 3
- ✓ 2. 1
- ✗ 3. 2
- ✗ 4. 4

Q.9 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 5 $ 5 % 8 7 * 5 % & 8 @ 2 6 2 £ 3 8 1 & 5 6 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✓ 1. 2
- ✗ 2. 3
- ✗ 3. 4
- ✗ 4. 7

Q.10 Who among the following has been appointed as the Chairman of Indian Space Research Organisation in January 2025?

Ans
- ✗ 1. Manish Singhal
- ✗ 2. Dr. Mayank Sharma
- ✓ 3. Dr. V Narayanan
- ✗ 4. Bhuvnesh Kumar

Q.11 What is the purpose of pressing Alt + Tab on the keyboard of a computer system?

Ans
- ✓ 1. Switches between open applications
- ✗ 2. Shuts down the system
- ✗ 3. Minimises all windows
- ✗ 4. Opens Task Manager

Q.12 The ratio of the market prices of gram and pea is 2 : 5, and the ratio of the quantities consumed by a family is 4 : 3. Find the ratio of the expenditure on gram to pea.

Ans

✗ 1. 9 : 16

✗ 2. 3 : 4

✓ 3. 8 : 15

✗ 4. 17 : 10

Q.13 The average of first 13 whole numbers is:

Ans

✓ 1. 6

✗ 2. 6.5

✗ 3. 5

✗ 4. 7

Q.14 In India, a city with a population of less than 10,000 and more than 5000 is classified as which type of class town?

Ans

✗ 1. Class VI

✗ 2. Class I

✓ 3. Class V

✗ 4. Class II

Q.15 In India, which of the following is a groundwater-based irrigation source?

Ans

✗ 1. Pond

✗ 2. Tank

✗ 3. River canal

✓ 4. Open-well

Q.16 Ashish has ₹1,218 with him. He divides it amongst his sons Arun and Mahesh and asks them to invest it at 10% rate of interest compounded annually. It was seen that Arun and Mahesh got same amount after 11 and 12 years, respectively. How much (in ₹) did Ashish give to Mahesh?

Ans

✗ 1. 430

✓ 2. 580

✗ 3. 638

✗ 4. 738

Q.17 Consider a hierarchical file system. If a user attempts to delete a non-empty directory using a standard 'delete directory' command without any recursive options, what is the most likely outcome?

Ans

✗ 1. The operating system will automatically delete all files and subdirectories within it.

✗ 2. The operating system will prompt the user for confirmation to delete each item within the directory.

✗ 3. Only the directory structure will be removed, leaving the files and subdirectories orphaned.

✓ 4. The operating system will return an error indicating that the directory is not empty.

Q.18 What does OCI stand for in the context of Indian citizenship?

Ans

✗ 1. Overseas Card for Indians

✗ 2. Official Citizen of India

✓ 3. Overseas Citizen of India

✗ 4. Original Citizen Identity

Q.19 Which leader presided over the 1929 Lahore Session of the Indian National Congress, where the resolution for 'Purna Swaraj' was passed?

Ans

✗ 1. Subhas Chandra Bose

✓ 2. Jawaharlal Nehru

✗ 3. Lala Lajpat Rai

✗ 4. CR Das

Q.20 One pipe can fill the tank in 9 minutes while another pipe can empty completely filled tank in 90 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill half of the tank?

Ans

✓ 1. 5

✗ 2. 10

✗ 3. 6

✗ 4. 11

Q.21 A vendor bought lemons at 6 for ₹1. How many lemons must he sell for ₹1 to gain 100%?

Ans

✓ 1. 3

✗ 2. 7

✗ 3. 4

✗ 4. 5

Q.22 In a certain code language, 'GATE' is coded as '4628' and 'TURN' is coded as '3567'. What is the code for 'T' in the given code language?

Ans

✗ 1. 4

✓ 2. 6

✗ 3. 3

✗ 4. 2

Q.23 The sum of the present ages of a father and his son is 18 years more than 4 times the present age of the son. After 5 years, 4 times the father's age will be 8 years less than 14 times the son's age. The difference (in years) between the present ages of the father and the son is:

Ans

✗ 1. 49

✗ 2. 45

✓ 3. 48

✗ 4. 53

Q.24

The volume of a solid cylinder is 5852 cm^3 and its height is 38 cm. What is the total surface area of the solid cylinder? (Round your answer to the nearest integer)

(Use $\pi = \frac{22}{7}$)

Ans

✗ 1. 1969 cm^2

✓ 2. 1980 cm^2

✗ 3. 1954 cm^2

✗ 4. 1936 cm^2

Q.25 In which city of India was the Arctic Circle India Forum held on 3-4 May 2025?

Ans

✗ 1. Kolkata

✗ 2. Patna

✗ 3. Chandigarh

✓ 4. New Delhi

Q.26 Select the number from among the given options that can replace the question mark (?) in the following series.
139 136 131 124 115 ? 91

Ans
✗ 1. 106
✗ 2. 109
✓ 3. 104
✗ 4. 101

Q.27 Simplify $(5x - 2y)^2 + (2x + 5y)^2 + (5x + 2y)(5x - 2y)$.

Ans
✗ 1. $-55x^2 + 25y^2$
✗ 2. $-54x^2 - 25y^2$
✓ 3. $54x^2 + 25y^2$
✗ 4. $55x^2 - 25y^2$

Q.28 Which of the following Urban Local Government Bodies in India was discontinued after 1992?

Ans
✗ 1. Municipal Committee/Council
✗ 2. Municipal Corporation
✓ 3. Notified Area Committee
✗ 4. Nagar Panchayat

Q.29 A, B, C, D, G, H, and I are sitting around a circular table facing the centre.
B sits third to the left of I. G sits second to the left of H. Only I sits between A and G. C is not an immediate neighbor of B. How many people sit between D and G when counted from the right of D?

Ans
✗ 1. Four
✗ 2. One
✓ 3. Two
✗ 4. Three

Q.30 What is the primary function of a Notified Area Committee in India?

Ans
✗ 1. Regulate local elections for better local self-governance
✗ 2. Oversee military areas to help address military and civilian issues
✗ 3. Handle port activities and ensure their smooth functioning
✓ 4. Manage developing towns due to get a municipality status

Q.31 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?
(NOTE – A two/three-digit number cannot be broken into individual digits for operations, e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
14 - 15 - 20 - 40 ; 19 - 20 - 25 - 50

Ans
✗ 1. 8 - 10 - 15 - 30
✗ 2. 3 - 4 - 9 - 14
✗ 3. 7 - 9 - 18 - 20
✓ 4. 5 - 6 - 11 - 22

Q.32 In a certain code language, 'BLUE' is coded as '4628' and 'LOAD' is coded as '3567'. What is the code for 'L' in the given code language?

Ans
✗ 1. 3
✓ 2. 6
✗ 3. 7
✗ 4. 8

Q.33 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) @ $ & 7 7 @ 5 7 & & 4 1 9 3 $ 7 8 & 7 € € 1 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans

✗ 1. 5

✗ 2. 4

✓ 3. 2

✗ 4. 3

Q.34 Simplify: $\sqrt[6]{4096} + \sqrt[4]{50625} + \sqrt[3]{21952} + \sqrt{3364}$

Ans

✗ 1. 55

✓ 2. 105

✗ 3. 24

✗ 4. 75

Q.35 If $a^2 + b^2 = 111$, $a \times b = 27$, and $a > b$, find the value of $\frac{a-b}{a+b}$.

Ans

✗ 1. $\sqrt{\frac{53}{165}}$

✓ 2. $\sqrt{\frac{57}{165}}$

✗ 3. $\frac{53}{165}$

✗ 4. $\frac{57}{165}$

Q.36 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GKO 11, IMQ 13, KOS 15, MQU 17, ?

Ans

✓ 1. OSW 19

✗ 2. NQS 21

✗ 3. ORT 21

✗ 4. NTZ 19

Q.37 If 'A' stands for '×', 'B' stands for '−', 'C' stands for '+', and 'D' stands for '÷', then the resultant of which of the following will be 9?

Ans

✗ 1. 8 B 3 A 10 C 2 D 5

✓ 2. 8 B 3 C 10 A 2 D 5

✗ 3. 8 A 3 C 10 B 2 D 5

✗ 4. 8 C 3 B 10 A 2 D 5

Q.38 Which movement or idea is associated with the Wardha Scheme of Basic Education proposed in 1937?

Ans

✓ 1. Nai Talim or Basic Education

✗ 2. Free higher education

✗ 3. Education through English

✗ 4. Adult Literacy Mission

Q.39 **Which kitchen process is an example of osmosis?**

Ans

✔ 1. Placing raw mango in a concentrated salt solution

✘ 2. Grinding spices together

✘ 3. Flushing food items with nitrogen

✘ 4. Boiling pasta in milk

Q.40 **Tanveer starts from Point B and drives 2 km towards west. He then takes a right turn, drives 4 km, turns left and drives 5 km. He then takes a right turn and drives 3 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point B again (all turns are 90° turns only unless specified)?**

Ans

✘ 1. 5 km south

✔ 2. 7 km south

✘ 3. 6 km south

✘ 4. 4 km south

Q.41 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✘ 1. IM - KO

✔ 2. SP - QI

✘ 3. LP - NR

✘ 4. GK - IM

Q.42 **Raju starts from point A and drives 9 km towards the west. He then takes a left turn, drives 7 km, turns left and drives 11 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)**

Ans

✘ 1. 5 km to the north

✔ 2. 6 km to the south

✘ 3. 5 km to the south

✘ 4. 6 km to the north

Q.43 **In a certain code language, 'BRAVE' is coded as '29317' and 'VIBER' is coded as '38792'. What is the code for 'A' in the given code language?**

Ans

✘ 1. 7

✘ 2. 2

✔ 3. 1

✘ 4. 9

Q.44 **Surendra has 102 litres of Oil A and 224 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Surendra uses, so that all the oil that Surendra has, of both the types, can be poured into these containers?**

Ans

✘ 1. 1

✘ 2. 8

✘ 3. 9

✔ 4. 2

Q.45 **Under the Digital Agriculture Mission launched in 2024, which of the following is/are among the foundational registries of AgriStack?**

1. Farmers' Registry
2. Village Panchayat Audit Database
3. Crop Sown Registry

Ans
✗ 1. 2 and 3 only
✗ 2. All 1, 2, and 3
✗ 3. 1 only
✓ 4. 1 and 3 only

Q.46 **In a multitasking operating system, what role does RAM primarily play when multiple applications are open simultaneously?**

Ans
✗ 1. It acts as permanent storage for installed software.
✓ 2. It temporarily holds active program data and instructions to enable fast switching between tasks.
✗ 3. It queues printing tasks before they reach the printer.
✗ 4. It processes user input commands from external devices like keyboard or mouse.

Q.47 **What is the purpose of the 'One Nation, One Permit' scheme proposed by the Ministry of Road Transport and Highways?**

Ans
✗ 1. Single road ticketing platform system
✗ 2. Common civil aviation license
✓ 3. Ease of transport for inter-state freight vehicles
✗ 4. Permit for urban parking facilities

Q.48 **Who administered the agrahara lands during the post-Gupta period?**

Ans
✗ 1. Village assemblies
✓ 2. Brahmins
✗ 3. Feudal lords
✗ 4. Monks

Q.49 **Find the surface area of a sphere whose diameter is equal to 112 cm.**

Ans
✗ 1. 36,976 cm^2
✗ 2. 38,980 cm^2
✗ 3. 37,948 cm^2
✓ 4. 39,424 cm^2

Q.50 **Find the duration (in years) in which ₹1,200 will amount to ₹2,220 at a rate of 20% per annum simple interest.**

Ans
✗ 1. 6.25
✗ 2. 3.25
✓ 3. 4.25
✗ 4. 5.25

Q.51 **What is the Gram Sabha in the context of the Panchayati Raj system in India?**

Ans
✗ 1. A block-level committee
✗ 2. A judicial body for urban areas
✓ 3. The deliberative assembly of all eligible village residents
✗ 4. An advisory council of State representatives

Q.52 What is the primary contributor to the sour taste in foods like lemons, vinegar and yoghurt?

Ans
- ✗ 1. Alkaloids
- ✗ 2. Salts
- ✗ 3. Bases
- ✓ 4. Acids

Q.53 Free legal aid is part of which part of the Indian Constitution?

Ans
- ✗ 1. Preamble
- ✓ 2. Directive Principles
- ✗ 3. Fundamental Rights
- ✗ 4. Fundamental Duties

Q.54 Who among the following has been appointed as the Comptroller General of India in November 2024?

Ans
- ✗ 1. Mahesh Kumar Aggarwal
- ✗ 2. Tuhin Kanta Pandey
- ✓ 3. K Sanjay Murthy
- ✗ 4. Dr. V Narayanan

Q.55 GV 14 is related to LS 5 in a certain way. In the same way, HQ 5 is related to MN -4. To which of the given options is MG 0 related, following the same logic?

Ans
- ✗ 1. NY -6
- ✓ 2. RD -9
- ✗ 3. BG -7
- ✗ 4. HR -3

Q.56 Which of the following best explains why uracil is used in RNA instead of thymine?

Ans
- ✗ 1. Uracil enhances RNA splicing.
- ✗ 2. Thymine is not recognized by ribosomes.
- ✗ 3. Thymine inhibits transcription.
- ✓ 4. Uracil is energetically cheaper to synthesise.

Q.57 The marked price of a bed is ₹1,600, which is 25% above the cost price. It is sold at a discount of 16% on the marked price. Find the profit percentage.

Ans
- ✓ 1. 5%
- ✗ 2. 4%
- ✗ 3. 6%
- ✗ 4. 7%

Q.58 Each of the digits in the number 8569142 is arranged in the descending order from left to right. The position(s) of how many digits will remain unchanged in the new number thus formed as compared to that in the original number?

Ans
- ✗ 1. Three
- ✗ 2. Four
- ✗ 3. Two
- ✓ 4. One

Q.59 F is the brother of G.
G is the wife of H.
H is the son of I.
I is the wife of J.
How is F related to J?

Ans
✗ 1. Father
✓ 2. Son's wife's brother
✗ 3. Son
✗ 4. Son's wife's father

Q.60 Which Indian English poet's first poetry collection titled 'The Striders', published in 1966, received a Poetry Book recommendation?

Ans
✓ 1. AK Ramanujan
✗ 2. Nissim Ezekiel
✗ 3. R Parthasarathy
✗ 4. Dom Moraes

Q.61 Let AB and CD be two parallel lines and PQ be a transversal such that PQ intersects AB at the point R and CD at the point S, respectively. If ∠BRP = (2x + 13)° and ∠DSP = (3x − 22)°, then find ∠CSP.

Ans
✗ 1. 105°
✗ 2. 95°
✓ 3. 97°
✗ 4. 83°

Q.62 How much international bandwidth does Airtel's 2Africa Pearls 2025 undersea cable landing system add?

Ans
✗ 1. Over 200 terabits per second
✗ 2. Over 500 terabits per second
✓ 3. Over 100 terabits per second
✗ 4. Over 50 terabits per second

Q.63 According to the Economic Survey 2023-24, how many Indians are estimated to have escaped multidimensional poverty between 2015-16 and 2019-21?

Ans
✗ 1. 16.5 crore
✓ 2. 13.5 crore
✗ 3. 10 crore
✗ 4. 20.5 crore

Q.64 This question is based on the five, three-digit numbers given below.

(Left) 910 316 525 204 303 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

Ans
✓ 1. 9
✗ 2. 12
✗ 3. 8
✗ 4. 10

Q.65 RWKA is related to TULZ in a certain way based on the English alphabetical order. In the same way, VSMY is related to XQNX. To which of the given options is ZOOW related, following the same logic?

Ans
- ✔ 1. BMPV
- ✘ 2. CLQU
- ✘ 3. ALOV
- ✘ 4. CNPW

Q.66 A man has to cover a distance of 753 km in 12 hours. If he covers two – third of this distance in $\frac{2}{3}$ of the time, then what should his speed (in km/hr) be to cover the remaining distance in the time left?

Ans
- ✘ 1. 41.8
- ✘ 2. 31.3
- ✘ 3. 52.25
- ✔ 4. 62.75

Q.67 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. O lives on floor numbered 4. Only two people live between O and P. Only M lives between O and N. Y lives immediately below O. Who lives on floor numbered 2?

Ans
- ✘ 1. N
- ✔ 2. Z
- ✘ 3. M
- ✘ 4. Y

Q.68 Manjit's salary is ₹10,000 per month. He spends ₹6,000 on house rent and ₹3,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

Ans
- ✘ 1. 10,000
- ✘ 2. 12,000
- ✘ 3. 9,000
- ✔ 4. 11,000

Q.69 When using the 'Replace' function (Ctrl + H) in MS PowerPoint, which of the following options allows users to replace only whole words and not parts of words?

Ans
- ✘ 1. Use wildcards
- ✘ 2. Sounds like (English)
- ✔ 3. Find whole words only
- ✘ 4. Match case

Q.70 Which of the following numbers is divisible by 41?

Ans
- ✔ 1. 7995
- ✘ 2. 7431
- ✘ 3. 8537
- ✘ 4. 7889

Q.71 The area of a rectangle increases by 8 m^2 if its length is increased by 5 m and breadth is decreased by 7 m. If the length is decreased by 5 m and breadth is increased by 8 m, then its area increases by 33 m^2. What is the perimeter of the original rectangle (in m)?

Ans
- ✘ 1. 575
- ✘ 2. 576
- ✘ 3. 573
- ✔ 4. 574

Q.72 Mr. W travelled 370 km, 390 km and 720 km at speeds of 37 km/hr, 5 km/hr and 8 km/hr, respectively. Find his average speed in km/hr.

Ans

✗ 1. $9\frac{21}{89}$

✗ 2. $9\frac{30}{89}$

✗ 3. $8\frac{27}{89}$

✓ 4. $8\frac{28}{89}$

Q.73 When and where is the second part of the Fifth Session (INC-5.2) of the Intergovernmental Negotiating Committee (INC) on plastic pollution scheduled to take place?

Ans

✗ 1. September 2025 in Paris, France

✗ 2. July 2025 in Nairobi, Kenya

✓ 3. August 2025 in Geneva, Switzerland

✗ 4. October 2025 in Ottawa, Canada

Q.74 Find the angle of elevation of the top of a $250\sqrt{3}$ m high tower, from a point which is 250 m away from its foot.

Ans

✗ 1. 75°

✓ 2. 60°

✗ 3. 45°

✗ 4. 30°

Q.75 On selling a wardrobe at ₹3,437, the value of gain is 75% more than the value of loss incurred on selling it at ₹3,338. In order to gain 50%, find the selling price (in ₹).

Ans

✓ 1. 5,061

✗ 2. 5,058

✗ 3. 5,062

✗ 4. 5,059

Q.76 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only J sits to the left of Q. Only four people sit between J and I. Only O sits between P and K and P is not an immediate neighbour of I. Who sits at the extreme right end of the row?

Ans

✗ 1. O

✗ 2. K

✓ 3. L

✗ 4. I

Q.77 Factorise the polynomial $x^4 - 10x^2 + 22$ into product of two quadratic polynomials.

Ans

✗ 1. $(x^2-4+\sqrt{3})(x^2-4-\sqrt{3})$

✗ 2. $(x^2-3+\sqrt{3})(x^2-3-\sqrt{3})$

✗ 3. $(x^2-2+\sqrt{3})(x^2-2-\sqrt{3})$

✓ 4. $(x^2-5+\sqrt{3})(x^2-5-\sqrt{3})$

Q.78 Select the pair that follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

ZIL : ARO
GRZ : TIA

Ans
- ✗ 1. JPE : QJT
- ✗ 2. MAP : NZJ
- ✗ 3. LOT : OKG
- ✓ 4. XMS : CNH

Q.79 Which of the following is NOT a feature of subsistence farming?

Ans
- ✗ 1. Traditional seed varieties
- ✗ 2. Use of family labour
- ✓ 3. Use of high-end machinery
- ✗ 4. Manual agricultural practices

Q.80 Piyush ranked 24^{th} from the top and 55^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 79
- ✗ 2. 77
- ✓ 3. 78
- ✗ 4. 76

Q.81 Who among the following won the 2024 Booker Prize, and what is the title of the winning novel?

Ans
- ✗ 1. Rachel Kushner – Creation Lake
- ✓ 2. Samantha Harvey – Orbital
- ✗ 3. Percival Everett – James
- ✗ 4. Anne Michaels – Held

Q.82 Pipe A can fill a tank in 18 minutes, while pipe B can empty the completely filled tank in 27 minutes. Initially, pipe A is opened and after 6 minutes pipe B is also opened. In how much time (in minutes) will the remaining tank be filled completely?

Ans
- ✓ 1. 36
- ✗ 2. 32
- ✗ 3. 35
- ✗ 4. 21

Q.83 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All crabs are ties.
Some ties are hooves.
Some hooves are vents.

Conclusions:
(I): Some vents are crabs.
(II): Some hooves are crabs.

Ans
- ✗ 1. Only conclusion (II) follows.
- ✗ 2. Both conclusions (I) and (II) follow.
- ✓ 3. Neither conclusion (I) nor (II) follows.
- ✗ 4. Only conclusion (I) follows.

Q.84 **Which of the following is not a surrounding feature of the Thar Desert?**

Ans

✗ 1. Aravalli Range

✓ 2. Vindhya Hills

✗ 3. Rann of Kachchh

✗ 4. Indus River Plain

Q.85 **2% of 50% of a number is what percentage of that number?**

Ans

✗ 1. 100%

✗ 2. 0.1%

✓ 3. 1%

✗ 4. 52%

Q.86 **Who among the following was awarded the Olympic Order by the International Olympic Committee (IOC) in July 2024?**

Ans

✓ 1. Abhinav Bindra

✗ 2. Manu Bhaker

✗ 3. Neeraj Chopra

✗ 4. Mary Kom

Q.87 **In December 2024, PM Modi made a historic visit to which Gulf country, marking the first such visit by an Indian Prime Minister in 43 years?**

Ans

✓ 1. Kuwait

✗ 2. Oman

✗ 3. Bahrain

✗ 4. Qatar

Q.88 **What is the difference between dragging text with the mouse (left-click) and Ctrl + dragging text in MS Word 365?**

Ans

✗ 1. Both actions move the text.

✓ 2. Dragging moves the text; Ctrl + dragging copies it.

✗ 3. Dragging deletes the text; Ctrl + dragging pastes it.

✗ 4. Ctrl + dragging changes the font style.

Q.89 **If '–' means '÷', '÷' means '×', '×' means '+' and '+' means '–', then what will come in place of the question mark (?) in the following equation?**

1568 − 16 + 4 ÷ 5 × 22 = ?

Ans

✗ 1. 492

✗ 2. 294

✓ 3. 100

✗ 4. 113

Q.90 **Which among the following significant changes was introduced in the Waqf (Amendment) Act, 2025?**

Ans

✓ 1. Mandating representation of at least two Muslim women on Waqf Boards

✗ 2. Privatisation of Waqf properties

✗ 3. Abolition of the Central Waqf Council

✗ 4. Exemption of Waqf properties from legal scrutiny

Q.91 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

52 ÷ 15 − 189 × 9 + 117 = ?

Ans
- ✔ 1. 684
- ✘ 2. 672
- ✘ 3. 688
- ✘ 4. 678

Q.92 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: RND :: QRX : %

Ans
- ✘ 1. # = MQB, % = FFT
- ✘ 2. # = MRQ, % = HHN
- ✘ 3. # = PQC, % = YYP
- ✔ 4. # = PMB, % = SSZ

Q.93 What should come in place of the question mark (?) in the given series?

801 800 797 792 785 ?

Ans
- ✘ 1. 773
- ✘ 2. 775
- ✔ 3. 776
- ✘ 4. 774

Q.94 The mode of the observations 4, 3, 8, 7, 3, 7, 3, 1, 1, 3, 8, 3, 3, 5 and 3 is:

Ans
- ✘ 1. 4
- ✘ 2. 7
- ✔ 3. 3
- ✘ 4. 8

Q.95 Whom did Chandragupta II marry after defeating the Saka king?

Ans
- ✔ 1. Kubernaga
- ✘ 2. Kumarrani
- ✘ 3. Parbatidevi
- ✘ 4. Ruprekha

Q.96 The mode and median of a data set is 89.7 and 32, respectively. What is the mean of the data set? (Use empirical formula.)

Ans
- ✘ 1. 2.6
- ✘ 2. 11.26
- ✘ 3. 5.9
- ✔ 4. 3.15

Q.97 What is the title of the first poetry collection by Nissim Ezekiel, one of the most celebrated poets in Indian English Literature?

Ans
- ✘ 1. Echoes of the Soul
- ✘ 2. Shadows and Dreams
- ✘ 3. The Unfinished Verse
- ✔ 4. A Time of Change

Q.98 **Which initiative was launched on 25 September 2014 to facilitate investment, foster innovation, build best in class infrastructure and make India a hub for manufacturing, design and innovation?**

Ans

✔ 1. Make in India initiative

✘ 2. Industrial Corridor Development Programme

✘ 3. Start Up India initiative

✘ 4. Stand Up India Initiative

Q.99 **As per the NFHS-5 (2019-21), what is the approximate percentage of households in India with access to improved sanitation facilities?**

Ans

✔ 1. 70%

✘ 2. 85%

✘ 3. 65%

✘ 4. 55%

Q.100 **What is the main goal of the PM Gati Shakti initiative?**

Ans

✘ 1. Strengthen healthcare facilities

✔ 2. Improve transportation and logistics

✘ 3. Increase agricultural productivity

✘ 4. Enhance digital infrastructure

Test Date	06/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **How do you add text to a slide in MS PowerPoint?**

Ans
✗ 1. Use the Transitions tab
✓ 2. Click inside a text placeholder and start typing
✗ 3. Press Ctrl + T
✗ 4. Drag an image onto the slide

Q.2 **Who won the Sahitya Akademi Award 2024 for Dogri literature for the book 'Ik Hor Ashwthama'?**

Ans
✗ 1. Padma Sachdev
✓ 2. Chaman Arora
✗ 3. Mohan Singh
✗ 4. Ved Rahi

Q.3 **If '–' means '÷', '÷' means '×', '×' means '+' and '+' means '–', then what will come in place of the question mark (?) in the following equation?**

9 ÷ 12 × 450 + 8208 − 18 = ?

Ans
✗ 1. 100
✗ 2. 101
✓ 3. 102
✗ 4. 425

Q.4 **What was the labour force participation rate for males in India as reported in the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau?**

Ans
✓ 1. 76.4%
✗ 2. 80.2%
✗ 3. 70.1%
✗ 4. 85.4%

Q.5 **In a 2295 m circular race, Siddharth finishes one round in 85 seconds and Yash finishes one round in 45 seconds. How many different meeting points are there on the circumference if they are running in the opposite directions?**

Ans
✗ 1. 36
✗ 2. 20
✓ 3. 26
✗ 4. 33

Q.6 In which year was the Partition of Bengal, initially implemented by the British in 1905, officially annulled?

Ans
- ✗ 1. 1910
- ✗ 2. 1916
- ✓ 3. 1911
- ✗ 4. 1909

Q.7 The ratio of the age of a son after 15 years and the present age of his father is 2 : 3. 5 years ago, the age of the father was 4 times the age of the son. The present ages (in years) of the father and the son, respectively, are:

Ans
- ✓ 1. 45; 15
- ✗ 2. 40; 10
- ✗ 3. 32; 8
- ✗ 4. 50; 20

Q.8 Select the pair that follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

JAY : MDB
PAN : SDQ

Ans
- ✗ 1. HEN : KHJ
- ✗ 2. RIC : ULZ
- ✗ 3. KUT : HRW
- ✓ 4. UPC : XSF

Q.9 In September 2024, the Uniform Code of Pharmaceutical Marketing Practices (UCPMP) 2024 extended its guidelines to which of the following sectors?

Ans
- ✓ 1. Medical device manufacturers
- ✗ 2. Ayurvedic medicines
- ✗ 3. Veterinary pharmaceuticals
- ✗ 4. Online health consultations

Q.10 Manoj starts from Point A and drives 13 km towards west. He then takes a right turn, drives 2 km, turns right and drives 7 km. He then takes a left turn and drives 5 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again (all turns are 90° turns only unless specified)?

Ans
- ✗ 1. 5 km; South
- ✗ 2. 9 km; South
- ✓ 3. 7 km; South
- ✗ 4. 6 km; South

Q.11 What is the total full-time strength of personnels in the National Human Rights Commission, India?

Ans
- ✗ 1. Chairperson and three members
- ✗ 2. Chairperson and seven members
- ✗ 3. Chairperson and four members
- ✓ 4. Chairperson and five members

Q.12 What is the significance of Westerly Jet Streams in winter?

Ans
- ✓ 1. Guide Western Disturbances into India
- ✗ 2. Cause retreat of monsoon
- ✗ 3. Bring snowfall to Eastern Ghats
- ✗ 4. Influence rainfall in Tamil Nadu

Q.13 The Eastern Coastal Plains of India are best described as which type of coast?

Ans
- ✗ 1. Rocky coast
- ✗ 2. Folded coast
- ✗ 3. Submerged coast
- ✓ 4. Emergent coast

Q.14 If 9.8 : 14.7 :: 15 : x, find the value of x.

Ans
- ✗ 1. 19.9
- ✗ 2. 23.2
- ✓ 3. 22.5
- ✗ 4. 21.7

Q.15 Who among the following wrote the book 'Power within: The leadership legacy of Narendra Modi'?

Ans
- ✓ 1. Dr. R Balasubramaniam
- ✗ 2. Dr. KS Chauhan
- ✗ 3. Dr. S Jaishankar
- ✗ 4. Dr. Aishwarya Pandit

Q.16 While covering a distance of 35 km, a man noticed that after cycling for 4 hour 15 minutes, the distance covered by him was $\frac{4}{3}$ of the remaining distance. What was his speed (in km/hr, rounded off to one decimal place)?

Ans
- ✗ 1. 5.1
- ✗ 2. 7.9
- ✗ 3. 8.4
- ✓ 4. 4.7

Q.17 In April 2025, NITI Aayog released a report titled "Automotive Industry – Powering India's Participation in Global Value Chains". What is the primary objective of this report?

Ans
- ✗ 1. To compare India's automotive policies with those of neighbouring countries
- ✓ 2. To propose strategies for enhancing India's role in global automotive value chains
- ✗ 3. To analyse India's automotive export performance over the past decade
- ✗ 4. To assess the environmental impact of India's automotive sector

Q.18 Jharkhand authorities have successfully relocated Jaigir, the first village inside the _____, entirely outside its core area.

Ans
- ✗ 1. Jim Corbett National Park
- ✓ 2. Palamu Tiger Reserve
- ✗ 3. Amangarh Tiger Reserve
- ✗ 4. Dudhwa Tiger Reserve

Q.19 A, B, C, D, G, H, and I are sitting around a circular table facing the centre.
Only two people sit between D and A when counted from the left of A. H sits third to the left of G. I sits to the immediate right of G. I sits second to the left of D. B is not an immediate neighbor of H.
Who sits third to the right of C?

Ans
- ✗ 1. D
- ✗ 2. A
- ✓ 3. I
- ✗ 4. H

Q.20 **In March 2025, the Indian Parliament passed the Immigration and Foreigners Bill, 2025. Which of the following Acts was specifically repealed by this legislation?**

Ans

✗ 1. The Emigration Act, 1983

✗ 2. The Citizenship Act, 1955

✓ 3. The Foreigners Act, 1946

✗ 4. The National Security Act, 1980

Q.21 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)**

Ans

✗ 1. NR - MQ

✗ 2. EI - DH

✗ 3. RV - QU

✓ 4. XZ - TL

Q.22 **Which keyboard shortcut is used to save an MS Excel workbook?**

Ans

✗ 1. Ctrl + N

✗ 2. Ctrl + P

✗ 3. Ctrl + O

✓ 4. Ctrl + S

Q.23 **Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.**

(Left) 4 @ 7 4 £ 9 9 # @ 1 4 $ % 4 3 8 2 © © 1 5 # (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans

✗ 1. 3

✗ 2. 1

✓ 3. 2

✗ 4. 4

Q.24 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?**

 # : AIP :: MRV : %

Ans

✗ 1. # = ELR, % = QUX

✓ 2. # = WFN, % = QUX

✗ 3. # = IOT, % = WFN

✗ 4. # = QUX, % = ELR

Q.25 **The Konyak tribe of India is mainly found in which of the following states of India?**

Ans

✗ 1. Nagaland and Sikkim

✓ 2. Nagaland and Arunachal Pradesh

✗ 3. Uttar Pradesh and Bihar

✗ 4. Arunachal Pradesh and Uttar Pradesh

Q.26 **The curved surface area of a cylinder is half of its total surface area. If the height is 128 cm, then find the radius (in cm).**

Ans

✓ 1. 128

✗ 2. 138

✗ 3. 122

✗ 4. 137

Q.27 In a row of 81 students facing north, Sima is 12th from the right end. If Manju is 9th to the left of Sima, what is Manju's position from the left end of the line?

Ans
- ✗ 1. 52nd
- ✗ 2. 38th
- ✓ 3. 61st
- ✗ 4. 47th

Q.28 Which of the following indicators reflects inequality in the distribution of income among individuals in a population?

Ans
- ✓ 1. Lorenz Curve
- ✗ 2. Dependency Ratio
- ✗ 3. Consumer Price Index
- ✗ 4. Labour Force Participation Rate

Q.29 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

KIO LJP MKQ NLR ?

Ans
- ✗ 1. ONR
- ✓ 2. OMS
- ✗ 3. ONS
- ✗ 4. OMR

Q.30 Pravenesh starts from point A and drives 12 km towards the south. He then takes a right turn, drives 7 km, turns right and drives 14 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

Ans
- ✗ 1. 2 km to the east
- ✗ 2. 4 km to the east
- ✗ 3. 3 km to the east
- ✓ 4. 3 km to the west

Q.31 Who has been appointed as a Principal Secretary-2 to PM Narendra Modi in February 2025?

Ans
- ✗ 1. Manish Singhal
- ✗ 2. Rajiv Gauba
- ✗ 3. Ajay Kumar
- ✓ 4. Shaktikanta Das

Q.32 The power to issue writs for enforcement of Fundamental Rights is vested in the Supreme Court under which Article of the Indian Constitution?

Ans
- ✗ 1. Article 136
- ✗ 2. Article 143
- ✓ 3. Article 32
- ✗ 4. Article 131

Q.33 Mihira Bhoja, a famous ruler of the Pratiharas, adopted which title?

Ans
- ✗ 1. Adityavardhana
- ✗ 2. Vikramaditya
- ✓ 3. Adivaraha
- ✗ 4. Parmeshwara

Q.34 In April 2025, which of the following footballers became the first to reach 900 professional career goals including club and country?

Ans
- ✗ 1. Lionel Messi
- ✗ 2. Kylian Mbappé
- ✓ 3. Cristiano Ronaldo
- ✗ 4. Robert Lewandowski

Q.35 Which of the following elements, when poorly implemented, is most likely to undermine the credibility and impact of an otherwise well-researched MS PowerPoint presentation?

Ans
- ✗ 1. The inclusion of speaker notes for reference
- ✓ 2. Inconsistent use of slide masters and templates
- ✗ 3. Embedding multimedia elements such as videos
- ✗ 4. The choice of transition effects between slides

Q.36 According to Global Debt Report 2025, what was the share of central bank holdings of domestic sovereign bonds in OECD countries in 2024?

Ans
- ✗ 1. 35%
- ✓ 2. 19%
- ✗ 3. 25%
- ✗ 4. 42%

Q.37 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : EKN :: RVN : %

Ans
- ✓ 1. # = DHL, % = SYP
- ✗ 2. # = DMK, % = SZQ
- ✗ 3. # = CIK, % = PYR
- ✗ 4. # = CML, % = PZT

Q.38 What is the name of the Medium Altitude Long Endurance (MALE) drone discussed at the Drone Industry Conclave 2025?

Ans
- ✗ 1. VARUNA
- ✗ 2. NISAR
- ✗ 3. RUSTOM
- ✓ 4. TAPAS

Q.39 The Poligars rebelled against the British in which Presidency, when the British tried to snatch away their military and land rights?

Ans
- ✗ 1. Bengal Presidency
- ✗ 2. Agra Presidency
- ✓ 3. Madras Presidency
- ✗ 4. Bombay Presidency

Q.40 At what rate of interest (in percentage) per year will a sum of money double itself in 4 years on simple interest?

Ans
- ✓ 1. 25%
- ✗ 2. 50%
- ✗ 3. 27%
- ✗ 4. 23%

Q.41 What was the budget allocation for the Ministry of Rural Development for the fiscal year 2023-24?

Ans
- ✗ 1. ₹1,75,000 crore
- ✗ 2. ₹1,29,000 crore
- ✓ 3. ₹1,59,964 crore
- ✗ 4. ₹1,50,000 crore

Q.42 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Both Q and V are immediate neighbours of S. V sits third to the left of T. R sits to the immediate left of T. U is not an immediate neighbour of V. How many people sit between S and U when counted from the right of S?

Ans
- ✗ 1. 1
- ✗ 2. 2
- ✓ 3. 4
- ✗ 4. 3

Q.43 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All warriors are politicians.
All leaders are knights.
Some knights are warriors.

Conclusions:
(I) Some warriors are leaders.
(II) Some politicians are knights.

Ans
- ✓ 1. Only conclusion (II) follows.
- ✗ 2. Only conclusion (I) follows.
- ✗ 3. Both conclusions (I) and (II) follow.
- ✗ 4. Neither conclusion (I) nor (II) follows.

Q.44 Which functional groups in amino acids are directly involved in forming peptide bonds?

Ans
- ✓ 1. Carboxyl and amino groups
- ✗ 2. Hydroxyl and sulfhydryl groups
- ✗ 3. Carbonyl and phosphate groups
- ✗ 4. Methyl and acetyl groups

Q.45 Which of the following numbers is divisible by 71?

Ans
- ✓ 1. 5609
- ✗ 2. 6121
- ✗ 3. 6010
- ✗ 4. 5603

Q.46 One pipe can fill the tank in 9 minutes while another pipe can empty completely filled tank in 90 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill the tank completely?

Ans
- ✗ 1. 13
- ✗ 2. 11
- ✗ 3. 12
- ✓ 4. 10

Q.47 The mode and median of data are 36.3 and 62, respectively. What is the mean of the data?
(Use the empirical formula)

Ans
✔ 1. 74.85
✘ 2. 76.15
✘ 3. 79.75
✘ 4. 68.95

Q.48 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) @ 5 4 £ 8 & © £ * 2 5 9 $ 6 £ 4 * 8 $ 4 % * (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
✘ 1. 4
✘ 2. 7
✔ 3. 5
✘ 4. 6

Q.49 Pipe A can fill a tank in 9 minutes, while pipe B can empty the completely filled tank in 10 minutes. Initially, pipe A is opened and after 3 minutes pipe B is also opened. In how much time (in minutes) will the remaining tank be filled completely?

Ans
✘ 1. 47
✔ 2. 60
✘ 3. 73
✘ 4. 61

Q.50 In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 22°$. E is a point on BC such that $\angle CAE = 36°$. What is the measure of $\angle AEB$?

Ans
✘ 1. 103°
✘ 2. 102°
✘ 3. 101°
✔ 4. 104°

Q.51 XC 14 is related to VG 1 in a certain way. In the same way, RD 18 is related to PH 5. To which of the given options is UP 4 related, following the same logic?

Ans
✘ 1. VR -7
✘ 2. NR -7
✔ 3. ST -9
✘ 4. NE -9

Q.52 A river 20 m deep and 36 m wide is flowing at the rate of 2.7 km/hr. The amount of water (in m^3) that runs into the sea per minute is _____.

Ans
✘ 1. 30,024
✔ 2. 32,400
✘ 3. 30,240
✘ 4. 34,200

Q.53 According to the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau, which age group had the highest participation in the labour force in India?

Ans
✔ 1. 25-29
✘ 2. 15-18
✘ 3. 30 years and above
✘ 4. 18-24

Q.54 When x is added to each of 20, 34, 11 and 16, then the numbers so obtained, in this order, are in proportion. Then, if 3x : y :: y : (2x-6), and y > 0, what is the value of y?

Ans

✗ 1. 29

✗ 2. 10

✓ 3. 18

✗ 4. 2

Q.55 Sum and product of all roots of $4x^3 - 8x^2 - 13x + 19 = 0$ is:

Ans

✗ 1. $4, \frac{-19}{2}$

✗ 2. $1, \frac{-17}{4}$

✗ 3. $3, \frac{-17}{2}$

✓ 4. $2, \frac{-19}{4}$

Q.56 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. C is kept immediately above F. G is kept immediately above B. Only E is kept above D. Only two boxes are kept above C. G is not kept in third position from the bottom. How many boxes are kept above G?

Ans

✗ 1. 4

✓ 2. 5

✗ 3. 3

✗ 4. 2

Q.57 Lok Adalat proceedings are _____.

Ans

✗ 1. investigative

✗ 2. adversarial

✗ 3. inquisitorial

✓ 4. conciliatory

Q.58 Emily Henry's novel about two rival writers competing to pen a biography of a notorious heiress is titled as:

Ans

✗ 1. Funny Story

✗ 2. Happy Place

✗ 3. Book Lovers

✓ 4. Great Big Beautiful Life

Q.59 Suraj ranked 18^{th} from the top and 67^{th} from the bottom in his class. How many students are there in his class?

Ans

✗ 1. 83

✗ 2. 82

✗ 3. 85

✓ 4. 84

Q.60 If 276 is the mean proportion between x and 368, what is the value of x?

Ans

✓ 1. 207

✗ 2. 205

✗ 3. 209

✗ 4. 208

Q.61 In modern CPUs, what technique is used to execute multiple instructions simultaneously?

Ans
- ✗ 1. Clock Synchronization
- ✓ 2. Pipelining
- ✗ 3. Serial Processing
- ✗ 4. Sequential Execution

Q.62 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged, and '×' and '÷' are interchanged?

43 + 15 ÷ 2 – 12 × 4 = ?

Ans
- ✓ 1. 16
- ✗ 2. 18
- ✗ 3. 22
- ✗ 4. 24

Q.63 In which year did the Bhil rebellion start under the leadership of Bhil leaders such as Kazi Singh and Bhima Naik?

Ans
- ✗ 1. 1845
- ✗ 2. 1868
- ✓ 3. 1818
- ✗ 4. 1803

Q.64 In a certain code language, 'LIPS' is coded as '4628' and 'PURE' is coded as '3567'. What is the code for 'P' in the given code language?

Ans
- ✗ 1. 2
- ✗ 2. 7
- ✓ 3. 6
- ✗ 4. 3

Q.65 If $\Delta ABC \sim \Delta XYZ$, AB = 6 cm, XY = 8 cm, YZ = 12 cm and ZX = 16 cm, then find the perimeter of ΔABC.

Ans
- ✗ 1. 34 cm
- ✗ 2. 32 cm
- ✓ 3. 27 cm
- ✗ 4. 24 cm

Q.66 Which of the following is the largest contributor to irrigation in India?

Ans
- ✗ 1. Sub-irrigation
- ✗ 2. Tanks
- ✗ 3. Rainwater harvesting
- ✓ 4. Tube wells and canals

Q.67 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GIM 8, HJN 11, IKO 14, JLP 17, ?

Ans
- ✗ 1. UVY 20
- ✓ 2. KMQ 20
- ✗ 3. UYZ 21
- ✗ 4. TUY 21

Q.68 Simplify :

$$72 \div \left[\frac{4}{2} \times \{9 + 2 - (4 + 7 - (1 + 8))\}\right]$$

Ans
- ✔ 1. 4
- ✘ 2. −4
- ✘ 3. 12
- ✘ 4. −1

Q.69 What will be the amount after 1 year if ₹9,900 is invested at 20% compound interest per annum, compounded half-yearly?

Ans
- ✘ 1. ₹12,940
- ✘ 2. ₹12,495
- ✘ 3. ₹11,307
- ✔ 4. ₹11,979

Q.70 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ 1. URO
- ✔ 2. KIE
- ✘ 3. TQN
- ✘ 4. WTQ

Q.71 How are Municipal Corporations established in the Union Territories of India?

Ans
- ✘ 1. By State Legislature
- ✔ 2. By an Act of Parliament
- ✘ 3. By the Municipal Commissioner
- ✘ 4. By public vote

Q.72 A vendor sold 5 chocolates for ₹1, thereby gaining 20%. How many chocolates did he buy for ₹1?

Ans
- ✘ 1. 12
- ✘ 2. 10
- ✘ 3. 8
- ✔ 4. 6

Q.73 A class of 30 students appeared in a test. The average score of 12 students is 60, and that of the rest is 60. What is the average score of the class?

Ans
- ✔ 1. 60
- ✘ 2. 61
- ✘ 3. 59
- ✘ 4. 58

Q.74 4 is related to 10 following a certain logic. Following the same logic, 34 is related to 40. To which of the following is 66 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ 1. 70
- ✗ 2. 68
- ✓ 3. 72
- ✗ 4. 74

Q.75 The Abhidhamma Pitaka explores which of the following areas in depth?

Ans
- ✓ 1. Ethics, mental phenomena, and psychological insights
- ✗ 2. Animal stories
- ✗ 3. Political history
- ✗ 4. Folk tales

Q.76 After 50 litres of petrol was poured into an empty storage tank, it was still 10% empty. How much petrol (in litres, rounded off to two decimal places) must be poured into the storage tank in order to fill it?

Ans
- ✓ 1. 55.56
- ✗ 2. 51.33
- ✗ 3. 56.56
- ✗ 4. 54.56

Q.77 Which Article of the Constitution of India allowed citizens to reside and settle in any part of the territory of India?

Ans
- ✗ 1. Article 15
- ✓ 2. Article 19
- ✗ 3. Article 22
- ✗ 4. Article 18

Q.78 In a certain code language,
A + B means 'A is the mother of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N − O × P ÷ Q'?

Ans
- ✗ 1. Father's sister
- ✗ 2. Father's mother
- ✓ 3. Mother's mother
- ✗ 4. Mother's sister

Q.79 An article was bought for ₹8,100. Its price was marked up by 40%. Thereafter it was sold at a discount of 15% on the marked price. What was the percentage profit on the transaction?

Ans
- ✗ 1. 20%
- ✗ 2. 17%
- ✗ 3. 18%
- ✓ 4. 19%

Q.80 X has planned his expenditure as follows: 30% of salary for house rent; 25% for food; 15% for medical expenditure and 16% for others. If he can save ₹42,000 every month, then his monthly salary (in ₹) is:

Ans
1. 3,30,000
2. 3,00,000
3. 3,50,000
4. 4,20,000

Q.81 In a certain code language, 'PICK' is coded as '4628' and 'COST' is coded as '3567'. What is the code for 'C' in the given code language?

Ans
1. 3
2. 2
3. 7
4. 6

Q.82 Find the value of m which satisfies $\left(\frac{11}{10}\right)^7 \times \left(\frac{10}{11}\right)^{10} \times \left(\frac{11}{10}\right)^9 = \left(\frac{10}{11}\right)^{3m+17}$.

Ans
1. $-\frac{29}{3}$
2. $-\frac{23}{3}$
3. $-\frac{15}{3}$
4. $-\frac{19}{3}$

Q.83 If $\cot\theta = \frac{3}{4}$, then find the value of $\sin 3\theta$.

Ans
1. $\frac{44}{125}$
2. $\frac{117}{125}$
3. $\frac{81}{125}$
4. $-\frac{117}{125}$

Q.84 What is the SI unit of energy?

Ans
1. Kelvin
2. Watt
3. Newton
4. Joule

Q.85 If the ratio of two numbers is 17 : 7 and the product of their LCM and their HCF is 119, then the sum of the reciprocals of the LCM and the HCF is:

Ans

✔ 1. $\frac{120}{119}$

✘ 2. $\frac{120}{137}$

✘ 3. $\frac{120}{161}$

✘ 4. $\frac{120}{139}$

Q.86 In a certain code language, 'flag dance best' is coded as 'xk tc kz' and 'mile flag wine' is coded as 'tc di gv'. How is 'flag' coded in the given language?

Ans

✘ 1. xk

✔ 2. tc

✘ 3. kz

✘ 4. di

Q.87 An internal trade route during the post-Mauryan empires, Uttarapatha, connected the:

Ans

✘ 1. western and southern parts of India

✘ 2. southern and eastern parts of India

✔ 3. northern and eastern parts of India with the northwestern region

✘ 4. northern and southern parts of India with the northwestern region

Q.88 Which of the following novels was written by Qurratulain Hyder in 1959 and is known for its deep insights on the Partition of India?

Ans

✘ 1. Train to Pakistan

✔ 2. Aag Ka Darya

✘ 3. Urvasie

✘ 4. Pinjar

Q.89 Which region of the Northern Plains is made of older alluvium?

Ans

✔ 1. Bhangar

✘ 2. Bhabar

✘ 3. Khadar

✘ 4. Terai

Q.90 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

8 ÷ 7 + 56 × 14 − 2 = ?

Ans

✘ 1. 56

✘ 2. 52

✘ 3. 58

✔ 4. 54

Q.91 Solubility of CH_3COOH decreases in presence of CH_3COONa due to:

Ans

✔ 1. Common ion effect

✘ 2. Increased temperature

✘ 3. Ion pairing

✘ 4. Oxidation

Q.92 Find the average of 308, 127, 90, 45, 125 and 103.

Ans

✗ 1. 135

✗ 2. 132

✗ 3. 130

✓ 4. 133

Q.93 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 415796, what will be the sum of the digits which are fifth from the left and first from the right in the new number thus formed?

Ans

✗ 1. 14

✗ 2. 10

✓ 3. 16

✗ 4. 12

Q.94 Which keyboard shortcut permanently deletes a file without sending it to the Recycle Bin in Windows OS?

Ans

✗ 1. Alt + Delete

✗ 2. Ctrl + D

✗ 3. Delete

✓ 4. Shift + Delete

Q.95 Following are the ages (in years) of 6 people in a group: 25, 30, 35, 40, 45 and 50. What is the standard deviation of their ages (rounded to two decimal places)?

Ans

✗ 1. 9.26

✗ 2. 7.38

✓ 3. 8.54

✗ 4. 6.57

Q.96 What should come in place of the question mark (?) in the given series?

602 600 696 690 682 ?

Ans

✗ 1. 671

✗ 2. 668

✓ 3. 672

✗ 4. 670

Q.97 Simplify $\frac{8x^3 + 27y^3 - 64z^3 + 72xyz}{4x^2 + 9y^2 + 16z^2 - 6xy + 12yz + 8zx}$.

Ans

✗ 1. $(2x - 3y + 4z)$

✓ 2. $(2x + 3y - 4z)$

✗ 3. $(2x + 3y + 4z)$

✗ 4. $(2x - 3y - 4z)$

Q.98 This question is based on the five, three-digit numbers given below.

(Left) 412 366 307 241 667 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

Ans

✗ 1. −4

✗ 2. −2

✗ 3. −6

✓ 4. −5

Q.99 Select the number from among the given options that can replace the question mark (?) in the following series.
89 103 94 108 99 113 104 ?

Ans

✗ 1. 123

✗ 2. 95

✓ 3. 118

✗ 4. 98

Q.100 Gaurav bought the first pen for ₹444 and the second pen for ₹356, respectively. He sells the first pen at 75% of the profit but the buyer bargains for the price, and he has to offer a 14% discount and the second pen at 48% of the profit. Find the total profit he had in this transaction (correct to two decimal places).

Ans

✗ 1. ₹396.11

✗ 2. ₹399.02

✗ 3. ₹394.67

✓ 4. ₹395.10

Test Date	09/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **How many total islands/islets/rocky outcrops are there in the Andaman & Nicobar Islands as per the Andaman and Nicobar Administration?**

Ans
✔ 1. 836
✘ 2. 1002
✘ 3. 742
✘ 4. 612

Q.2 **Which organisation does the Ministry of Rural Development cooperate with for rural development in Asia and the Pacific?**

Ans
✘ 1. Asian Development Bank (ADB)
✘ 2. African-Asian Rural Development Organization (AARDO)
✔ 3. Centre on Integrated Rural Development for Asia and Pacific (CIRDAP)
✘ 4. World Bank

Q.3 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?**

 # : QVR :: CHD : %

Ans
✔ 1. # = LQM, % = HMI
✘ 2. # = PMM, % = JUY
✘ 3. # = LJM, % = NHG
✘ 4. # = GYT, % = NYU

Q.4 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

Statements:
All jams are bands.
All bands are sacks.
No sack is a can.

Conclusions:
(I) No jam is a can.
(II) Some sacks are jams.

Ans
✘ 1. Neither conclusion (I) nor (II) follows.
✘ 2. Only conclusion (I) follows.
✘ 3. Only conclusion (II) follows.
✔ 4. Both conclusions (I) and (II) follow.

Q.5 **Which country ranked highest overall in the Climate Change Performance Index 2025?**

Ans
- ✗ 1. Germany
- ✗ 2. France
- ✓ 3. Denmark
- ✗ 4. Sweden

Q.6 **NASA astronaut Sunita Williams returned to Earth in March 2025 after her mission aboard a SpaceX capsule. How much time had she spent in space?**

Ans
- ✓ 1. 608 days
- ✗ 2. 502 days
- ✗ 3. 212 days
- ✗ 4. 578 days

Q.7 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(33, 429, 13)
(44, 220, 5)

Ans
- ✗ 1. (20, 363, 18)
- ✓ 2. (43, 903, 21)
- ✗ 3. (30, 363, 12)
- ✗ 4. (4, 23, 5)

Q.8 **In March 2025, which health milestone was remembered on National Vaccination Day?**

Ans
- ✓ 1. Pulse Polio First Dose
- ✗ 2. National Vax Mission
- ✗ 3. Polio Eradication Drive
- ✗ 4. Launch of COVID Vaccine

Q.9 **If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5673128, what will be the difference between the digits which are third from the left and second from the right in the new number thus formed?**

Ans
- ✗ 1. 9
- ✗ 2. 6
- ✗ 3. 7
- ✓ 4. 8

Q.10 **If 3 times the mother's present age is 36 years more than 5 times her daughter's age, and 3 times the daughter's age is 4 years less than the mother's age, then what is the difference (in years) between the present ages of the mother and the daughter?**

Ans
- ✗ 1. 13
- ✗ 2. 20
- ✓ 3. 16
- ✗ 4. 18

Q.11 **A shopkeeper marked his goods at X% above their cost price and sold them at a discount of 10%. If he gained 71% profit, then find the value of X.**

Ans
- ✗ 1. 91
- ✗ 2. 89
- ✗ 3. 92
- ✓ 4. 90

Q.12 While covering a distance of 54 km, a man noticed that after cycling for 1 hour 15 minutes, the distance covered by him was $\frac{7}{9}$ of the remaining distance. What was his speed (in km/hr)?

Ans
- ✗ 1. 18.7
- ✓ 2. 18.9
- ✗ 3. 19.9
- ✗ 4. 19.5

Q.13 **What should come in place of the question mark (?) in the given series based on the English alphabetical order?**

NTZ LRX JPV HNT ?

Ans
- ✗ 1. RLF
- ✗ 2. FRL
- ✓ 3. FLR
- ✗ 4. RFL

Q.14 **Which of the following is NOT an industrial corridor planned under the Government of India's infrastructure initiatives?**

Ans
- ✓ 1. Kolkata-Lucknow Industrial Corridor
- ✗ 2. Chennai-Bengaluru Industrial Corridor
- ✗ 3. Vizag-Chennai Industrial Corridor
- ✗ 4. Delhi-Mumbai Industrial Corridor

Q.15 **A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.**
The product of floors on which F and D live is 15. E lives immediately above C .The sum of floors on which A and D live is 7.
What is the sum of floors on which A and E live?

Ans
- ✓ 1. 6
- ✗ 2. 5
- ✗ 3. 8
- ✗ 4. 7

Q.16 **If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8271634, how many digits will appear more than once in the new number thus formed?**

Ans
- ✓ 1. Two
- ✗ 2. None
- ✗ 3. One
- ✗ 4. Three

Q.17 **Deepesh has 168 litres of Oil A and 234 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Deepesh uses, so that all the oil that Deepesh has, of both the types, can be poured into these containers?**

Ans
- ✗ 1. 10
- ✓ 2. 6
- ✗ 3. 14
- ✗ 4. 5

Q.18 **What type of farming is practised in hill regions by cutting slopes into steps?**

Ans
- ✗ 1. Mixed farming
- ✗ 2. Extensive farming
- ✗ 3. Wetland farming
- ✓ 4. Terrace farming

Q.19 The length, width and height of a cuboid are in the ratio 10 : 17 : 14, and its total surface area is 1096 cm^2. Find the length (in cm) of the cuboid.

Ans
- ✗ 1. 17
- ✓ 2. 10
- ✗ 3. 1
- ✗ 4. 5

Q.20 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

NQ31, MP40, LO49, KN58, ?

Ans
- ✗ 1. JN66
- ✗ 2. JN67
- ✓ 3. JM67
- ✗ 4. JM66

Q.21 Rishi has ₹1,612 with him. He divided it amongst his sons Shan and Piyush and asked them to invest it at 8% rate of interest per annum, compounded annually. It was seen that Shan and Piyush got the same amount after 19 and 20 years, respectively. How much (in ₹) did Rishi give to Shan?

Ans
- ✗ 1. ₹775
- ✗ 2. ₹875
- ✗ 3. ₹687
- ✓ 4. ₹837

Q.22 In a certain code language, 'how are you' is coded as 'jp zl rc' and 'are they coming' is coded as 'zl qn bt'. How is 'are' coded in the given language?

Ans
- ✓ 1. zl
- ✗ 2. bt
- ✗ 3. jp
- ✗ 4. qn

Q.23 In MS Word, which feature allows users to set the margins of a document, affecting the space between the text and the edges of the page?

Ans
- ✗ 1. Page Borders
- ✓ 2. Margins
- ✗ 3. Page Layout
- ✗ 4. Page Size

Q.24 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only one person sits between P and V when counted from the right of P. Only one person sits between V and U. Only one person sits between P and Q. Only two people sit between R and U. Only one person sits between T and Q. How many people sit between S and P when counted from the left of S?

Ans
- ✗ 1. 2
- ✗ 2. 0
- ✗ 3. 3
- ✓ 4. 5

Q.25 What are the wavelength and type of the laser used in a standard CD-ROM drive?

Ans
- ✗ 1. 400 nm; blue laser
- ✓ 2. 780 nm; infrared laser
- ✗ 3. 650 nm; red laser
- ✗ 4. 850 nm; near-infrared laser

Q.26 The fraction equivalent to 8.27272... is:

Ans

✔ 1. $\frac{91}{11}$

✘ 2. $\frac{89}{8}$

✘ 3. $\frac{84}{17}$

✘ 4. $\frac{83}{12}$

Q.27 The ratio of incomes of Seema and Darshan is 7 : 8. They save ₹15,000 and ₹9,000, respectively. If the ratio of their expenditures is 11 : 16, then what is the total expenditure (in ₹) of Seema and Darshan?

Ans

✘ 1. 68,000

✘ 2. 64,000

✔ 3. 64,125

✘ 4. 63,000

Q.28 Some marbles are to be packed in four boxes, A, B, C and D, in the proportion of 6 : 3 : 7 : 5. If box B has 400 less marbles than box D, then how many marbles are there in total in all the boxes?

Ans

✘ 1. 4000

✘ 2. 4100

✔ 3. 4200

✘ 4. 3900

Q.29 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only M lives above N.Z lives immediately below N. Only P lives below O. Who lives on floor numbered 3?

Ans

✘ 1. Z

✔ 2. Y

✘ 3. M

✘ 4. O

Q.30 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans

✘ 1. MO - KM

✔ 2. CG - LP

✘ 3. SU - QS

✘ 4. QS - OQ

Q.31 The female counterpart of the male Bhangra is called:

Ans

✔ 1. Giddha

✘ 2. Kalbelia

✘ 3. Ghoomar

✘ 4. Garba

Q.32 What is the primary function of Alt + Tab in most modern operating systems?

Ans
- ✔ 1. Switches between open applications
- ✘ 2. Minimises the active window
- ✘ 3. Opens a new tab in the current application
- ✘ 4. Opens Task Manager directly

Q.33 Which bank of India will mark its 90th anniversary in 2025?

Ans
- ✘ 1. Indian Bank
- ✘ 2. Punjab National Bank
- ✔ 3. Reserve Bank of India
- ✘ 4. State Bank of India

Q.34 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Symbol	8	9	@	&	5	7	2	%	1	3	Δ	4	6
Code	L	C	Z	N	D	W	A	P	R	T	F	B	K

Conditions:
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?
7 6 @ 1 3 &

Ans
- ✘ 1. W K Z R T W
- ✘ 2. W K R Z T N
- ✘ 3. N K Z R T N
- ✔ 4. W K Z R T N

Q.35 What is the purpose of creating subfolders when organizing files?

Ans
- ✘ 1. To change file extensions
- ✘ 2. To reduce the file size
- ✔ 3. To group related files together for better management
- ✘ 4. To automatically back up files to the cloud

Q.36 A water tank can be filled in 29 minutes by using 23 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 47 pipes of the same capacity as above?

Ans
- ✘ 1. 21.97
- ✘ 2. 17.43
- ✔ 3. 14.19
- ✘ 4. 24.44

Q.37 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ 1. PS - MP
- ✘ 2. GJ - DG
- ✘ 3. EH - BE
- ✔ 4. RK - JH

Q.38 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: QYE :: BHP : %

Ans
✗ 1. # = RNF, % = WKK
✓ 2. # = LBZ, % = GEU
✗ 3. # = WKK, % = LBZ
✗ 4. # = GEU, % = RNF

Q.39 F is the brother of G.
G is the husband of H.
H is the daughter of I.
I is the wife of J.
How is F related to J?

Ans
✓ 1. Daughter's husband's brother
✗ 2. Brother
✗ 3. Father
✗ 4. Daughter's husband's father

Q.40 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

BAIL - ALIB - LIAB
DEAF - EFAD - FAED

Ans
✗ 1. LEAN - ELAN - NEAL
✗ 2. GOLD - ODLG - LGOD
✗ 3. MEAN - MAEN - NAEM
✓ 4. BOLD - ODLB - DLOB

Q.41 What was the theme of Expo 2025 in Osaka, Japan?

Ans
✗ 1. Connecting Minds, Creating the Future
✓ 2. Designing Future Society for Our Lives
✗ 3. Better City, Better Life
✗ 4. Feeding the Planet, Energy for Life

Q.42 In India, which region is NOT suitable for tube-well irrigation due to non-alluvial tracts?

Ans
✓ 1. Plateau regions
✗ 2. Coastal Plains
✗ 3. Punjab
✗ 4. Western Uttar Pradesh

Q.43 In MS Word, which command allows users to duplicate a selected block of text and place the copy at a different location within the same document or another document?

Ans
✓ 1. Copy and Paste
✗ 2. Drag and Drop
✗ 3. Cut
✗ 4. Paste Special

Q.44 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

KF-MH-OQ
ID-KF-MO

Ans
- ✗ 1. GB-ID-KN
- ✗ 2. HB-ID-KN
- ✗ 3. HB-IC-KN
- ✓ 4. GB-ID-KM

Q.45 What is the primary role of the Gram Panchayat in the Panchayati Raj System in India?

Ans
- ✗ 1. To conduct provincial elections, helping the Election Commission
- ✗ 2. To act as the judicial forum for local disputes
- ✗ 3. To manage urban infrastructure
- ✓ 4. To serve as the executive body of village self-government

Q.46 Kavish ranked 38^{th} from the top and 15^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 50
- ✓ 2. 52
- ✗ 3. 53
- ✗ 4. 51

Q.47 Simplify: $81 + \frac{76}{2} + 42 - 86$

Ans
- ✗ 1. 81
- ✗ 2. 72
- ✓ 3. 75
- ✗ 4. 85

Q.48 Vijay's salary was first reduced by 16% and subsequently raised by 11%. What percentage was his final salary lower compared to his initial salary?

Ans
- ✓ 1. 6.76%
- ✗ 2. 16%
- ✗ 3. 1.76%
- ✗ 4. 11%

Q.49 The 'Tirabhukti' mentioned in Gupta inscriptions corresponds to present-day _____.

Ans
- ✗ 1. Madhya Pradesh
- ✓ 2. Bihar
- ✗ 3. Bengal
- ✗ 4. Odisha

Q.50 What name do the Jarawa tribe use to refer to their home in the Andaman Islands?

Ans
- ✗ 1. Rangbang
- ✓ 2. Chaddhas
- ✗ 3. Morung
- ✗ 4. Gitiora

Q.51 Which of the following statements accurately reflect the outcomes of the 2024 Jammu and Kashmir Assembly elections?

1. The Congress-JKNC alliance secured a majority with 48 seats.
2. The BJP emerged as the single largest party with 29 seats.
3. Voter turnout was recorded at 63.88%, showing a significant rise compared to the recently concluded Lok Sabha election.
4. The newly elected assembly holds full legislative powers equivalent to other Indian states.

Ans
✗ 1. Only 1, 3 and 4
✓ 2. Only 1 and 3
✗ 3. Only 2 and 4
✗ 4. Only 1, 2 and 3

Q.52 The ratio of the lengths of two corresponding sides of two similar triangles is 15 : 14. The ratio of the areas of these two triangles, in the order mentioned, is:

Ans
✗ 1. 15 : 14
✗ 2. 226 : 197
✓ 3. 225 : 196
✗ 4. $15\sqrt{15}$: 14

Q.53 In November 2024, the birth anniversary of the tribal leader Birsa Munda was celebrated as:

Ans
✗ 1. Adivasi Swabhiman Diwas
✗ 2. Vanvasi Diwas
✓ 3. Janjatiya Gaurav Divas
✗ 4. Tribal Freedom Day

Q.54 In a certain code language, 'FUSE' is coded as '3517' and 'SING' is coded as '2458'. What is the code for 'S' in the given code language?

Ans
✓ 1. 5
✗ 2. 1
✗ 3. 8
✗ 4. 2

Q.55 For a regular polygon, the sum of the interior angles is 250% more than the sum of its exterior angles. Each interior angle of the polygon measures x°. What is the value of x?

Ans
✓ 1. 140
✗ 2. 150
✗ 3. 145
✗ 4. 120

Q.56 If goods are purchased at ₹450 and $\frac{1}{3}$ are sold at a loss of 10%, at what gain percentage should the remainder be sold so as to gain 20% on the whole transaction?

Ans
✗ 1. 32%
✗ 2. 28%
✗ 3. 26%
✓ 4. 35%

Q.57 The value of $3 + \tan^2 \phi + \cot^2 \phi - \sec^2 \phi \operatorname{cosec}^2 \phi$ is:

Ans
✓ 1. 1
✗ 2. 2
✗ 3. −1
✗ 4. 0

Q.58 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 * £ 5 8 $ 7 3 * 9 & % 4 6 @ 9 # 1 & 3 Ω (Right)

How many such symbols are there each of which is immediately preceded by a symbol and also immediately followed by a number?

Ans

✗ 1. Four

✓ 2. Two

✗ 3. One

✗ 4. Three

Q.59 This question is based on the five, three-digit numbers given below.

(Left) 535 647 232 804 152 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

Ans

✗ 1. 3

✗ 2. 1

✗ 3. 5

✓ 4. 2

Q.60 Which country became the first in Africa to be acknowledged by the World Health Organization (WHO) for eliminating onchocerciasis (river blindness) in early 2025?

Ans

✗ 1. Botswana

✗ 2. Italy

✓ 3. Niger

✗ 4. South Africa

Q.61 During the 2025 demonstration, which types of drones were successfully destroyed by DRDO's DEW Mk-II(A)?

Ans

✓ 1. Fixed-wing UAVs and Swarm drones

✗ 2. Helicopter drones

✗ 3. Underwater drones

✗ 4. Racing drones

Q.62 Find roots of $5m^2 + 18m + 16 = 0$

Ans

✗ 1. $-\frac{8}{5}$ and 4

✗ 2. $\frac{8}{5}$ and -4

✗ 3. $\frac{8}{5}$ and 2

✓ 4. $-\frac{8}{5}$ and -2

Q.63 The Chuar Rebellion, which emerged as a culmination of the economic grievances of ordinary peasants and hereditary workers, reached its peak during which of the following years?

Ans

✗ 1. 1710-11

✓ 2. 1798-99

✗ 3. 1857-58

✗ 4. 1901-02

Q.64 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 4 6 & 8 $ 7 & 3 9 # % 4 6 @ £ 5 Ω 9 # 1 * 7 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another number?

Ans
- ✗ 1. One
- ✗ 2. Three
- ✓ 3. Two
- ✗ 4. Four

Q.65 In March 2025, NITI Aayog released the 'Future Front: Quarterly Frontier Tech Insights' report. What is the primary focus of this report?

Ans
- ✓ 1. Evaluating advancements and investments in quantum computing technologies
- ✗ 2. Assessing India's agricultural productivity trends
- ✗ 3. Analysing the impact of climate change on coastal regions
- ✗ 4. Reviewing the performance of state-run healthcare programs

Q.66 Prakesh starts from point A and drives 11 km towards the south. He then takes a right turn, drives 7 km, turns right and drives 13 km. He then takes a right turn and drives 9 km. He takes a final right turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

Ans
- ✗ 1. 3 km to the west
- ✗ 2. 2 km to the east
- ✓ 3. 2 km to the west
- ✗ 4. 1 km to the west

Q.67 If $x - \frac{1}{x} = 3$, then the value of $x^4 + \frac{1}{x^4}$ is:

Ans
- ✗ 1. 19
- ✗ 2. 196
- ✗ 3. 176
- ✓ 4. 119

Q.68 In November 2024, India and Singapore conducted a joint military exercise named Agni Warrior 2024. Where was this exercise held?

Ans
- ✓ 1. Devlali, Maharashtra
- ✗ 2. Pulgaon, Maharashtra
- ✗ 3. Babina, Uttar Pradesh
- ✗ 4. Jaisalmer, Rajasthan

Q.69 Kapil starts from point A and drives 9 km towards west. He then takes a right turn, drives 1 km, turns right and drives 5 km. He then takes a left turn and drives 3 km. He then takes a left turn and drive 5 km. He then takes a right turn and drives 8 km. He takes a final right turn, drives 9 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again (all turns are 90° turns only unless specified)?

Ans
- ✗ 1. 12 km north
- ✗ 2. 10 km south
- ✓ 3. 12 km south
- ✗ 4. 11 km north

Q.70 What is the target length for the development of a national highway network in India by 2025?

Ans
- ✗ 1. 1 lakh km
- ✓ 2. 2 lakh km
- ✗ 3. 1.5 lakh km
- ✗ 4. 2.5 lakh km

Q.71 X is directly proportional to A^2 and A is inversely proportional to Y. If X is 97 when Y is 6, find X when Y is 2.

Ans
- ✓ 1. 873
- ✗ 2. 871
- ✗ 3. 872
- ✗ 4. 875

Q.72 A person saves 40% of his income. If his expenditure is ₹960, then his income (in ₹) is:

Ans
- ✗ 1. 1,640
- ✗ 2. 576
- ✓ 3. 1,600
- ✗ 4. 384

Q.73 What prompted changes in the State Co-operative Societies Acts?

Ans
- ✓ 1. Poor quality of functioning
- ✗ 2. Political interests
- ✗ 3. Limited number of societies
- ✗ 4. Rise in taxes

Q.74 What was the Total Fertility Rate (TFR) in India as per the latest National Family Health Survey - 5 (2019-21)?

Ans
- ✗ 1. 2.2
- ✓ 2. 2.0
- ✗ 3. 2.1
- ✗ 4. 2.3

Q.75 Babita travels a certain distance at a speed of 11 km/hr and double the earlier distance at 44 km/hr. She then returns to the starting point through the same route. If her average speed for the entire journey is 34 km/hr, then what is her speed (in km/hr) for the return journey?

Ans
- ✗ 1. 70
- ✗ 2. 79
- ✓ 3. 74.8
- ✗ 4. 76.8

Q.76 If the volume of a right circular cone of height 30 cm is 160π cm^3, find the diameter of its base.

Ans
- ✗ 1. 13 cm
- ✗ 2. 16 cm
- ✓ 3. 8 cm
- ✗ 4. 7 cm

Q.77 The first armed tribal rebellion against the British is considered to have taken place in:

Ans
✗ 1. 1768
✓ 2. 1784
✗ 3. 1800
✗ 4. 1795

Q.78 What should come in place of the question mark (?) in the given series?

401 400 397 392 385 ?

Ans
✗ 1. 375
✗ 2. 372
✗ 3. 374
✓ 4. 376

Q.79 A man bought 8 shirts at ₹550 each,10 pants at ₹1,000 each and 12 pairs of shoes at ₹850 each pair. What is the average expenditure per article?

Ans
✓ 1. ₹820
✗ 2. ₹840
✗ 3. ₹826
✗ 4. ₹836

Q.80 The average weight of A, B and C is 45 kg. If the average weight of A and B is 40 kg and that of B and C is 42 kg, then the weight of B (in kg) is:

Ans
✗ 1. 39
✗ 2. 44
✓ 3. 29
✗ 4. 19

Q.81 Which languages were added to the Eighth Schedule by the 71st Amendment Act, 1992?

Ans
✗ 1. Sindhi, Tamil and Urdu
✓ 2. Konkani, Manipuri and Nepali
✗ 3. Bodo, Santhali and Maithili
✗ 4. Kannada, Telugu and Marathi

Q.82 In one of his famous works, Yahya bin Ahmad Sirhindi claims that the founder of _____ was a descendant of the Prophet.

Ans
✗ 1. Ghaznavid Dynasty
✗ 2. Tughlaq Dynasty
✗ 3. Ghurid Dynasty
✓ 4. Sayyid Dynasty

Q.83 If '−' means '÷', '÷' means '×', '×' means '+' and '+' means '−', then what will come in place of the question mark (?) in the following equation?

5 × 39 ÷ 1407 − 3 + 11562 = ?

Ans
✓ 1. 6734
✗ 2. 9074
✗ 3. 3426
✗ 4. 1120

Q.84 Rakesh invests a sum of ₹5,000 and Shivam invests a sum of ₹9,000 at the same rate of simple interest per annum. If, at the end of 3 years, Shivam gets ₹360 more interest than Rakesh, then find the rate of interest per annum (in percentage).

Ans
- ✗ 1. 1%
- ✗ 2. 2%
- ✓ 3. 3%
- ✗ 4. 5%

Q.85 How many molecules are present in 2 moles of CO_2?

Ans
- ✗ 1. 6.022×10^{23}
- ✓ 2. 1.2044×10^{24}
- ✗ 3. 3.011×10^{23}
- ✗ 4. 12.044×10^{23}

Q.86 In which of the following dance forms vocal music is not used?

Ans
- ✗ 1. Bharatanatyam
- ✓ 2. Chhau
- ✗ 3. Kathak
- ✗ 4. Odissi

Q.87 Which statement is correct with reference to artificially produced elements?

Ans
- ✓ 1. They are short-lived.
- ✗ 2. They are long-lived.
- ✗ 3. They are found in all groups of the table.
- ✗ 4. They are stable like natural elements.

Q.88 Select the number from among the given options that can replace the question mark (?) in the following series.
29 33 41 53 ? 89 113

Ans
- ✗ 1. 71
- ✗ 2. 79
- ✗ 3. 63
- ✓ 4. 69

Q.89 The original price of a music set is ₹8,000. The price is decreased by 12% and then raised by 25%. What is its new price (in ₹)?

Ans
- ✗ 1. 8,100
- ✗ 2. 8,300
- ✓ 3. 8,800
- ✗ 4. 9,300

Q.90 What is the mean of the following distribution?

Marks	14	26	44	61	84
No. of Students	91	78	95	36	98

Ans
- ✓ 1. 45
- ✗ 2. 46
- ✗ 3. 54
- ✗ 4. 69

Q.91 F, G, H, I, J, K and X are sitting around a circular table facing the centre of the table. H sits to the immediate right of F. Only three people sit between H and G when counted from the left of H. X sits third to the right of F. I sits to the immediate right of K. How many people sit between J and K when counted from the left of K?

Ans
- ✔ 1. Two
- ✘ 2. One
- ✘ 3. Four
- ✘ 4. Three

Q.92 Which country lies to the east of Arunachal Pradesh?

Ans
- ✘ 1. Bangladesh
- ✘ 2. Bhutan
- ✔ 3. Myanmar
- ✘ 4. China

Q.93 A can lay a railway track between two given stations in 8 days and B can do the same job in 24 days. With the help of C, they can do the job in 3 days. C alone can do the job in:

Ans
- ✘ 1. 7 days
- ✘ 2. 8 days
- ✔ 3. 6 days
- ✘ 4. 9 days

Q.94 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

$36 \div 15 - 175 \times 5 + 11 = ?$

Ans
- ✘ 1. 524
- ✔ 2. 564
- ✘ 3. 464
- ✘ 4. 484

Q.95 A new mutation allows Plasmodium falciparum to exit the liver without maturing into merozoites. What would be the immediate consequence?

Ans
- ✔ 1. Absence of RBC rupture and reduced clinical symptoms
- ✘ 2. Direct infection of alveoli
- ✘ 3. Increased severity of disease
- ✘ 4. Immediate immune response and clearance

Q.96 Which authority decides citizenship for people in newly added territories?

Ans
- ✔ 1. Union Government
- ✘ 2. Supreme Court
- ✘ 3. State Government
- ✘ 4. Election Commission

Q.97 Bholanath Singh was the leader of which of the following revolts?

Ans
- ✘ 1. Wahabi Movement
- ✘ 2. Santhal Revolt
- ✔ 3. Tamar Revolt
- ✘ 4. Farazi Movement

Q.98 **Which Indian Constitutional Amendment Act has NOT amended anything in the Directive Principles of the State Policy?**

Ans

✗ 1. 86th Amendment Act

✗ 2. 42nd Amendment Act

✓ 3. 48th Amendment Act

✗ 4. 97th Amendment Act

Q.99 $\text{The value of } 17^3 - 10^2 + \left(\frac{26}{13}\right)^2 - 12 + 20 \times 12 =$

Ans

✗ 1. 5040

✗ 2. 5046

✗ 3. 5055

✓ 4. 5045

Q.100 **The arithmetic mean of the observations 79, 92, 39, 57, 91, 28, 74, 90 and 44 is:**

Ans

✗ 1. 59

✗ 2. 61

✓ 3. 66

✗ 4. 71

Test Date	09/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and ∠PEB = 49°. G is a point between AB and CD such that ∠BEG = 35° and ∠GFE = 16°. What is the measure of ∠EGF?**

Ans
✗ 1. 57°
✗ 2. 60°
✗ 3. 59°
✓ 4. 68°

Q.2 **Which event marked the final collapse of the British policy of annexation?**

Ans
✗ 1. Quit India Movement
✓ 2. Revolt of 1857
✗ 3. Government of India Act, 1935
✗ 4. Partition of Bengal

Q.3 **Two poles of height 12 m and 20 m are fixed to a level ground. The distance between the bottom of the poles is 15 m. What is the distance (in m) between their tops?**

Ans
✓ 1. 17
✗ 2. 20
✗ 3. 25
✗ 4. 16

Q.4 **In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.**

BEAN - EBAN - BANE
MAKE - AMKE - MKEA

Ans
✓ 1. MACK - AMCK - MCKA
✗ 2. RACE - RCAE - ECAR
✗ 3. WORK - OWRK - KORW
✗ 4. NEAR - ENAR - EARN

Q.5 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)**

Ans
✗ 1. QR - WX
✗ 2. LM - RS
✗ 3. ST - YZ
✓ 4. GH - OM

Q.6 What was the Gross Enrollment Ratio (GER) in higher education in India according to the All India Survey on Higher Education, 2021-22?

Ans
- ✗ 1. 30.8%
- ✗ 2. 26.6%
- ✓ 3. 28.4%
- ✗ 4. 24.2%

Q.7 The Great Plateau of India is a part of which ancient landmass?

Ans
- ✗ 1. Pangaea
- ✓ 2. Gondwana Land
- ✗ 3. Laurasia
- ✗ 4. Angaraland

Q.8 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DKR HOV LSZ PWD ?

Ans
- ✗ 1. HAT
- ✗ 2. HTA
- ✓ 3. TAH
- ✗ 4. THA

Q.9 In Gond painting, what is the purpose of applying 'chhui' clay on the surface?

Ans
- ✓ 1. To create a smooth white base for painting
- ✗ 2. To fix cracks on the wall
- ✗ 3. To prevent insects from damaging the wall
- ✗ 4. To reflect sunlight

Q.10 Arrange the following states in descending order based on the number of seats won by the Bharatiya Janata Party (BJP) in their respective 2024–2025 assembly elections.

1. Delhi
2. Maharashtra
3. Jammu and Kashmir
4. Jharkhand

Ans
- ✗ 1. 1 > 2 > 3 > 4
- ✗ 2. 3 > 2 > 1 > 4
- ✗ 3. 2 > 3 > 1 > 4
- ✓ 4. 2 > 1 > 3 > 4

Q.11 If the quadratic equations $4x^2 + bx + 3 = 0$ and $8x^2 + 4x + c = 0$ have both the roots common, find the values for b and c, respectively.

Ans
- ✗ 1. 6, 2
- ✗ 2. 2, 4
- ✗ 3. 4, 2
- ✓ 4. 2, 6

Q.12 Which agreement is linked to the Citizenship (Amendment) Act, 1985?

Ans
- ✗ 1. Shimla Agreement
- ✓ 2. Assam Accord
- ✗ 3. Indo-Sri Lanka Pact
- ✗ 4. Kashmir Agreement

Q.13 The arithmetic mean of the observations 78, 56, 52, 45, 97, 19, 37, 46 and 74 is:

Ans
- ✔ 1. 56
- ✘ 2. 64
- ✘ 3. 61
- ✘ 4. 48

Q.14 The Chalukyas of Badami were founded by:

Ans
- ✔ 1. Pulakesin I
- ✘ 2. Vikramaditya I
- ✘ 3. Kirttivarman I
- ✘ 4. Mangalesha

Q.15 Which of the following measures the percentage of a country's population living below the poverty line?

Ans
- ✘ 1. Unemployment Rate
- ✘ 2. Human Development Index
- ✘ 3. Gini Coefficient
- ✔ 4. Poverty Headcount Ratio

Q.16 GN 14 is related to ER 1 in a certain way. In the same way, HP 18 is related to FT 5. To which of the given options is TK 4 related, following the same logic?

Ans
- ✘ 1. PW −7
- ✘ 2. KJ −13
- ✔ 3. RO −9
- ✘ 4. TY −11

Q.17 The shorter side of a rectangle is 16 cm less than the longer side. The numerical value of its area is equal to 3 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

Ans
- ✘ 1. 14
- ✘ 2. 25
- ✘ 3. 19
- ✔ 4. 24

Q.18 In Warli painting, which natural material is used in the first step called 'Lipane' to prepare the wall?

Ans
- ✘ 1. Rice paste
- ✘ 2. Sand
- ✔ 3. Geru
- ✘ 4. Charcoal

Q.19 The Supreme Court described itself as the "sentinel on the qui vive" in relation to _____.

Ans
- ✔ 1. Protection of Fundamental Rights
- ✘ 2. Protection of tax laws
- ✘ 3. Protection of foreign policy
- ✘ 4. Protection of legislative privileges

Q.20 **Which of the following methods is the quickest way to open an existing MS Excel spreadsheet?**

Ans

✗ 1. Use the Alt + F4 shortcut

✓ 2. Double-click the .xlsx file in File Explorer

✗ 3. Press Ctrl + N

✗ 4. Open MS Excel and click Blank Workbook

Q.21 **Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.**

(Left) 9 # 1 * £ 5 2 & % $ 7 & 3 Ω 4 6 @ 8 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?

Ans

✗ 1. Three

✗ 2. Four

✓ 3. Two

✗ 4. One

Q.22 **A certain number is divided into two parts such that 5 times the first part added to 14 times the second part makes 7 times the whole. The ratio of the second part to the first part is:**

Ans

✗ 1. 1 : 7

✓ 2. 2 : 7

✗ 3. 7 : 1

✗ 4. 7 : 2

Q.23 **Which of the following is true about trichomes on the stem?**

Ans

✗ 1. They never function in water retention.

✓ 2. They are multicellular and may be secretory.

✗ 3. They are present only in the roots.

✗ 4. They are always unbranched and unicellular.

Q.24 **Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)**
10 - 20 - 40 - 80 ; 3 - 6 - 12 - 24

Ans

✗ 1. 5 - 10 - 20 - 30

✗ 2. 8 - 10 - 20 - 40

✗ 3. 4 - 8 - 12 - 24

✓ 4. 6 - 12 - 24 - 48

Q.25 **If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '–', then the resultant of which of the following would be 5?**

Ans

✗ 1. 96 C 12 B 45 A 3 D 14

✗ 2. 96 B 12 D 45 A 3 C 14

✓ 3. 96 A 12 D 45 C 3 B 14

✗ 4. 96 D 12 C 45 B 3 A 14

Q.26 The average weight of 10 boys is 70 kg. But later, it was found that at two places the weight 54 kg was read as 44 kg and at one place weight 35 kg was read as 40 kg. Find the correct average weight (in kg) of the 10 boys.

Ans
- ✗ 1. 67.5
- ✓ 2. 71.5
- ✗ 3. 68.5
- ✗ 4. 70.5

Q.27 After independence, co-operatives became an integral part of which planning initiative in India?

Ans
- ✗ 1. Green Revolution
- ✗ 2. Operation Flood
- ✓ 3. Five-Year Plans
- ✗ 4. Industrial Policy Resolution

Q.28 Which of the following does NOT contribute much to the degradation of the Thar Desert ecosystem?

Ans
- ✗ 1. Climate change
- ✗ 2. Erratic rainfall
- ✗ 3. Grazing by livestock
- ✓ 4. Increased plantation of native trees

Q.29 Who is referred to as the 'Father of the Indian Renaissance' due to their contribution in social reform, literary works and unwavering patriotism?

Ans
- ✗ 1. Atmaram Pandurang
- ✗ 2. Dayanand Saraswati
- ✗ 3. Swami Vivekanand
- ✓ 4. Raja Ram Mohan Roy

Q.30 What should come in place of the question mark (?) in the given series?

501 500 497 492 485 ?

Ans
- ✗ 1. 471
- ✗ 2. 475
- ✗ 3. 473
- ✓ 4. 476

Q.31 According to the SDG India Index 2023-24 released by NITI Aayog, what is the range of composite scores achieved by Indian states?

Ans
- ✗ 1. 52 to 75
- ✓ 2. 57 to 79
- ✗ 3. 65 to 90
- ✗ 4. 60 to 85

Q.32 All 92 people are standing in a row facing north. Manju is 16^{th} from the left end while Nisha is 9^{th} from the right end. How many people are there between Manju and Nisha?

Ans
- ✗ 1. 58
- ✗ 2. 48
- ✗ 3. 65
- ✓ 4. 67

Q.33 IV 17 is related to FR 6 in a certain way. In the same way, KJ 12 is related to HF 1. To which of the given options is OE −6 related, following the same logic?

Ans

✗ 1. KI −13

✓ 2. LA −17

✗ 3. TR −29

✗ 4. PA −21

Q.34 Walking at $\frac{2}{3}$ of his normal speed, Abhijeet is 28 minutes late in reaching his office.

The usual time taken by him to cover the distance between his home and his office is:

Ans

✗ 1. 49 minutes

✗ 2. 62 minutes

✓ 3. 56 minutes

✗ 4. 55 minutes

Q.35 Which of the following countries is separated from India by maritime boundary only?

Ans

✗ 1. Bhutan

✗ 2. Myanmar

✗ 3. Nepal

✓ 4. Maldives

Q.36 Which of the following statements is correct?

Ans

✗ 1. ASCII is primarily used for high-speed data transmission networks.

✗ 2. LAN supports networking over large geographic areas.

✗ 3. CD is a volatile storage medium.

✓ 4. ASCII represents characters as numerical codes.

Q.37 The average weight of 14 boys in a class is 40.25 kg and that of the remaining 4 boys is 33.5 kg. Find the average weight (in kg, rounded off to two decimal place) of all the boys in the class.

Ans

✓ 1. 38.75

✗ 2. 37.75

✗ 3. 39.75

✗ 4. 40.75

Q.38 As of April 2025, Similipal - designated as the second national park of the state - is located in:

Ans

✗ 1. Madhya Pradesh

✓ 2. Odisha

✗ 3. Gujarat

✗ 4. Assam

Q.39 What was Abhinash Jamwal's achievement at the 2025 World Boxing Cup?

Ans

✗ 1. He won a gold medal in the 65 kg category.

✓ 2. He bagged a silver medal in the 65 kg category.

✗ 3. He won a bronze medal in the 65 kg category.

✗ 4. He did not win any medal.

Q.40 In a certain code language, 'PAID' is coded as '3517' and 'ARCS' is coded as '2458'. What is the code for 'A' in the given code language?

Ans
- ✗ 1. 2
- ✗ 2. 7
- ✗ 3. 8
- ✓ 4. 5

Q.41 Which of the following elements is NOT inherently part of a basic 'Blank Presentation' upon its initial creation in MS PowerPoint?

Ans
- ✓ 1. Pre-defined theme colours
- ✗ 2. At least one slide
- ✗ 3. Placeholders for content
- ✗ 4. A default slide layout

Q.42 Mohan invests a sum of ₹5,000 and Varun invests a sum of ₹9,000 at the same rate of simple interest per annum. If, at the end of 3 years, Varun gets ₹480 more interest than Mohan, then find the rate of interest per annum (in percentage).

Ans
- ✗ 1. 3%
- ✓ 2. 4%
- ✗ 3. 2%
- ✗ 4. 6%

Q.43 Hitesh ranked 28^{th} from the top and 13^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 42
- ✓ 2. 40
- ✗ 3. 41
- ✗ 4. 39

Q.44 Town V is to the west of Town W. Town X is to the east of Town V. Town Y is to the north of Town W. Town Z is to the north of Town X. Town Z is to the north-west of Town W. What is the position of Town X with respect to Town W?

Ans
- ✗ 1. North
- ✗ 2. East
- ✓ 3. West
- ✗ 4. South

Q.45 D, E, F, G, H, I and K are sitting around a circular table facing the centre of the table. I sits third to the left of H. E sits second to the left of G. Only H sits between D and E. K is not an immediate neighbour of I. How many people sit between F and E when counted from the right of F?

Ans
- ✗ 1. Three
- ✗ 2. Four
- ✗ 3. One
- ✓ 4. Two

Q.46 Chetan gets a 2% increase in his sale amount in the first year and a 20% increase in the second year; with that his present sale is ₹1,76,800. What was his sale (in ₹) two years ago? (Correct to two decimal places.)

Ans
- ✗ 1. 1,24,444.44
- ✗ 2. 1,73,333.33
- ✗ 3. 1,47,333.33
- ✓ 4. 1,44,444.44

Q.47 Which of the following numbers is divisible by both 37 and 8?

Ans
- ✗ 1. 15370
- ✓ 2. 14208
- ✗ 3. 13702
- ✗ 4. 15659

Q.48 What should come in place of the question mark (?) in the given series?

34 46 58 70 ? 94 106

Ans
- ✗ 1. 88
- ✗ 2. 86
- ✗ 3. 80
- ✓ 4. 82

Q.49 The mode and median of a data set is 14.2 and 60, respectively. What is the mean of the data set? (Use empirical formula.)

Ans
- ✗ 1. 80.4
- ✗ 2. 88.6
- ✓ 3. 82.9
- ✗ 4. 86.9

Q.50 F is the sister of G. G is the husband of H. H is the daughter of I. I is the wife of J. How is F related to J?

Ans
- ✗ 1. Daughter's husband's mother
- ✗ 2. Sister
- ✓ 3. Daughter's husband's sister
- ✗ 4. Mother

Q.51 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Symbol	3	8	@	&	2	7	5	%	1	9	Δ	4	6
Code	L	E	Z	M	D	W	A	P	R	T	F	B	K

Conditions:
(i) If the first element and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?
7 2 Δ 8 9 @ 3

Ans
- ✗ 1. W D F L T Z W
- ✗ 2. W D F E T Z L
- ✗ 3. L D F E Z T W
- ✓ 4. L D F E T Z W

Q.52 Who inaugurated the Shri S Ramakrishnan Centre of Excellence at IIT Madras in 2025?

Ans
- ✓ 1. ISRO Chairman
- ✗ 2. Director of IIT Madras
- ✗ 3. Scientific Secretary of ISRO
- ✗ 4. Union Minister for Space

Q.53 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 19% per annum is ₹590. Find the sum [rounded off to the nearest integer].

Ans
- ✗ 1. ₹16,358
- ✗ 2. ₹16,335
- ✓ 3. ₹16,343
- ✗ 4. ₹16,336

Q.54 The irrigation method in India that distributes water through pipes under low pressure to each plant is called:

Ans
- ✗ 1. furrow irrigation
- ✗ 2. tubewell irrigation
- ✓ 3. localised irrigation
- ✗ 4. canal irrigation

Q.55 Let AB and CD be two parallel lines and PQ be a transversal, such that PQ intersects AB at the point R and CD at the point S. If $\angle ARP = 2x°$, $\angle ARQ = y°$ and $\angle DSP = 4x°$, then find the values of x and y, respectively.

Ans
- ✗ 1. 100; 40
- ✗ 2. 120; 30
- ✓ 3. 30; 120
- ✗ 4. 40; 100

Q.56 In which year did the National Development Council (NDC) recommend a national policy on co-operatives?

Ans
- ✓ 1. 1958
- ✗ 2. 1962
- ✗ 3. 1975
- ✗ 4. 1947

Q.57 Which ruler of the Western Kshatrapas dynasty is primarily known for restoring the Sudarshana Lake in Kathiawar?

Ans
- ✓ 1. Rudradaman I
- ✗ 2. Azes
- ✗ 3. Nahapana
- ✗ 4. Maues

Q.58 Where did the fifth session of the Intergovernmental Negotiating Committee (INC-5) to end plastic pollution take place?

Ans
- ✗ 1. Berlin, Germany
- ✓ 2. Busan, South Korea
- ✗ 3. Nairobi, Kenya
- ✗ 4. Tokyo, Japan

Q.59 Walking at $\frac{2}{7}$ of his normal speed, Abhijeet is 70 minutes late in reaching his office.

The usual time taken by him to cover the distance between his home and his office is:

Ans
- ✓ 1. 28 minutes
- ✗ 2. 37 minutes
- ✗ 3. 21 minutes
- ✗ 4. 33 minutes

Q.60 KQRL is related to OTTM in a certain way based on the English alphabetical order. In the same way, SWVN is related to WZXO. To which of the given options is ACZP related, following the same logic?

Ans

✗ 1. DEAP

✗ 2. DGBP

✗ 3. FDZR

✓ 4. EFBQ

Q.61 Who among the following has been appointed as the 26th Governor of Reserve Bank of India in December 2024?

Ans

✗ 1. Tuhin Kumar Pandey

✗ 2. Arunish Chawla

✗ 3. Gyanesh Kumar

✓ 4. Sanjay Malhotra

Q.62 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
The product of floors on which E and F live is 10. A lives immediately above C. The sum of floors on which B and E live is 11.
What is the sum of floors on which C and D live?

Ans

✗ 1. 6

✓ 2. 4

✗ 3. 5

✗ 4. 7

Q.63 If 2% of x = 24, then x is equal to:

Ans

✗ 1. 1300

✗ 2. 2500

✓ 3. 1200

✗ 4. 2400

Q.64 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. JM - IL

✗ 2. NQ - MP

✗ 3. FI - EH

✓ 4. NT - JK

Q.65 Which of the following is a common component in toothpaste, for cleaning the teeth by neutralising the excess acid to prevent tooth decay?

Ans

✓ 1. Bases

✗ 2. Halogens

✗ 3. Acids

✗ 4. Salts

Q.66 In the context of file systems, what is the primary purpose of a file system 'metadata'?

Ans

✗ 1. To optimise the physical storage of file data on the storage device for faster access

✗ 2. To define the graphical representation of files and folders for the user

✗ 3. To store the actual content and data of the files

✓ 4. To record information about the files and directories, such as their names, sizes, timestamps and permissions

Q.67 The ratio of numbers of girls and boys participating in sports of a school is 1 : 5. If the number of girls is 200, determine the number of boys participating in the sports.

Ans
- ✗ 1. 1020
- ✓ 2. 1000
- ✗ 3. 975
- ✗ 4. 1030

Q.68 In a certain code language, 'good morning all' is coded as 'cx fg zq' and 'all students present' is coded as 'zq nr vk'. How is 'all' coded in the given language?

Ans
- ✓ 1. zq
- ✗ 2. nr
- ✗ 3. fg
- ✗ 4. vk

Q.69 Who among the following won the 2024 Booker Prize for Fiction for their novel Orbital, which explores themes of isolation, the human condition, and our relationship with Earth?

Ans
- ✗ 1. Sally Rooney
- ✗ 2. Colson Whitehead
- ✓ 3. Samantha Harvey
- ✗ 4. Douglas Stuart

Q.70 $\text{The value of } 19^3 - 14^2 + \left(\frac{8}{2}\right)^2 - 19 + 5 \times 20 =$

Ans
- ✗ 1. 6761
- ✗ 2. 6753
- ✗ 3. 6758
- ✓ 4. 6760

Q.71 This question is based on the five, three-digit numbers given below.

(Left) 210 878 407 692 140 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans
- ✗ 1. −6
- ✓ 2. −7
- ✗ 3. −8
- ✗ 4. −4

Q.72 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 2645783, what will be the sum of the highest and lowest digits in the new number thus formed?

Ans
- ✓ 1. 10
- ✗ 2. 14
- ✗ 3. 12
- ✗ 4. 16

Q.73 If + means −, − means ×, × means ÷, and ÷ means +, then what will come in place of the question mark (?) in the following equation?

30 − 5 ÷ 2 + 10 × 2 = ?

Ans
- ✗ 1. 150
- ✓ 2. 147
- ✗ 3. 100
- ✗ 4. 125

Q.74 A dealer marks his goods 65% above the cost price and allows a discount of 8% on the marked price. What is his gain or loss percentage?

Ans
- ✗ 1. 53.34% gain
- ✓ 2. 51.8% gain
- ✗ 3. 51.74% loss
- ✗ 4. 52.07% loss

Q.75 9 men or 8 women can do a job in 19 days. 9 men work for 9 days and leave. The number of women required to complete the remaining work in 8 days is:

Ans
- ✗ 1. 12
- ✗ 2. 11
- ✓ 3. 10
- ✗ 4. 8

Q.76 Sunny starts from point A and drives 11 km towards the east. He then takes a left turn, drives 8 km, turns left and drives 12 km. He then takes a left turn and drives 10 km. He takes a final left turn, drives 1 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

Ans
- ✗ 1. 2 km to the south
- ✓ 2. 2 km to the north
- ✗ 3. 1 km to the south
- ✗ 4. 4 km to the south

Q.77 In October 2024, Nayab Singh Saini sworn in for his second term as the Chief Minister of which Indian state?

Ans
- ✓ 1. Haryana
- ✗ 2. Rajasthan
- ✗ 3. Punjab
- ✗ 4. Uttar Pradesh

Q.78 In the ministerial hierarchy in India, Ministers of State generally have:

Ans
- ✗ 1. no executive responsibility in any of the portfolios
- ✓ 2. secondary rank within the portfolios assigned to Cabinet Ministers
- ✗ 3. authority over the Cabinet portfolios
- ✗ 4. equal standing with Cabinet Ministers in their assigned portfolios

Q.79 Which of the following statements correctly describe(s) the 'Gorakhnath Sharma vs. State of Chhattisgarh' case, as ruled by the Chhattisgarh High Court in February 2025?
The case involved allegations of brutal non-consensual sexual assault by a husband on his wife, leading to her death.
The Chhattisgarh High Court convicted the husband and awarded maximum punishment in the case of rape.

Ans
- ✗ 1. Both 1 and 2
- ✗ 2. Neither 1 nor 2
- ✗ 3. Only 2
- ✓ 4. Only 1

Q.80 The mean proportional between $(11 + 5\sqrt{2})$ and $(9 - 5\sqrt{2})$ is:

Ans
✗ 1. $20\sqrt{1}$
✓ 2. $7\sqrt{1}$
✗ 3. $18\sqrt{1}$
✗ 4. $14\sqrt{1}$

Q.81 When 1278, 2368 and 4318 are divided by the greatest number x, the remainder in each case is y. What is the value of (3x − 14y)?

Ans
✓ 1. −82
✗ 2. −85
✗ 3. −79
✗ 4. −86

Q.82 In MS PowerPoint 2019, which of the following tabs must you first select to access the 'Open' option for loading a saved PowerPoint file?

Ans
✓ 1. File tab
✗ 2. Insert tab
✗ 3. Design tab
✗ 4. Home tab

Q.83 The first parallel government, following the Quit India Movement, was established in which city?

Ans
✗ 1. Ballia
✗ 2. Talchar
✗ 3. Benaras
✓ 4. Satara

Q.84 The length of a rectangular park is 27 m more than its breadth. Its area is 2268 m^2. Its breadth (in m) is:

Ans
✗ 1. 23
✗ 2. 40
✗ 3. 38
✓ 4. 36

Q.85 This question is based on the five, three-digit numbers given below.

(Left) 993 281 995 257 599 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

Ans
✗ 1. 8
✓ 2. 7
✗ 3. 10
✗ 4. 6

Q.86 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

45 ÷ 13 − 286 × 2 + 68 =?

Ans
✗ 1. 680
✗ 2. 670
✓ 3. 660
✗ 4. 690

Q.87 The 2025 SEA Games were scheduled to be held in which country?

Ans
✗ 1. Malaysia
✗ 2. Indonesia
✗ 3. Vietnam
✓ 4. Thailand

Q.88 Simplify: $71 + \frac{62}{7} + 30 - 31$

Ans
✗ 1. $\frac{542}{7}$
✗ 2. $\frac{558}{7}$
✓ 3. $\frac{552}{7}$
✗ 4. $\frac{557}{7}$

Q.89 One pipe can fill the tank in 7 minutes while another pipe can empty the completely filled tank in 56 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill three-fourth of the tank?

Ans
✗ 1. 7
✗ 2. 12
✓ 3. 6
✗ 4. 13

Q.90 Which of the following programmes received the highest score in the Data Governance Quality Index (DGQI) for the Department of Rural Development for the year 2023-24?

Ans
✓ 1. National Social Assistance Programme
✗ 2. MGNREGA-Programme Component
✗ 3. Pradhan Mantri Gram Sadak Yojana
✗ 4. Deen Dayal Upadhyaya Grameen Kaushalya Yojana

Q.91 If x + y = 14, product of x and y is 45, then the value of $x^4 + y^4$ is:

Ans
✗ 1. 7177
✗ 2. 7141
✗ 3. 7090
✓ 4. 7186

Q.92 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All tubs are shirts.
Some shirts are jams.
No jam is a coat.

Conclusions:
(I) No tub is a coat.
(II) Some jams are tubs.

Ans
✗ 1. Only conclusion (II) follows
✗ 2. Only conclusion (I) follows
✓ 3. Neither conclusion (I) nor (II) follows
✗ 4. Both conclusions (I) and (II) follow

Q.93 Which of the following is NOT a subdivision of the Meghalaya Plateau?

Ans
✗ 1. Garo Hills
✗ 2. Khasi Hills
✗ 3. Jaintia Hills
✓ 4. Mikir Hills

Q.94 In the 2025 Delhi Legislative Assembly elections, after how many years did the Bharatiya Janata Party (BJP) win the majority, and how many seats did it secure?

Ans
✗ 1. After 25 years, securing 48 seats
✗ 2. After 35 years, securing 55 seats
✓ 3. After 27 years, securing 48 seats
✗ 4. After 30 years, securing 50 seats

Q.95 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. U sits to the immediate right of T. Only three people sit between U and V when counted from the left of U. Only three people sit between T and R. Q sits to the immediate right of P. How many people sit between T and P when counted from the left of P?

Ans
✗ 1. 3
✗ 2. 1
✓ 3. 4
✗ 4. 2

Q.96 Where did Mendeleev arrange the elements in the periodic table with similar properties?

Ans
✓ 1. Vertical column
✗ 2. Atomic series
✗ 3. Horizontal row
✗ 4. Block

Q.97 Rohit bought an article for ₹4,400. He spent ₹3,600 on it. He marked the price 25% above his total cost price. He then allowed two successive discounts of 19% on it. Find the selling price (in ₹) of the article.

Ans
✗ 1. 6,560
✗ 2. 6,563
✓ 3. 6,561
✗ 4. 6,564

Q.98 The sum of the present ages of a father and his son is 19 years more than 2 times the present age of the son. After 15 years, 12 times the father's age will be 17 years less than 13 times the son's age. The difference (in years) between the present ages of the father and the son is:

Ans

✗ 1. 14

✗ 2. 24

✓ 3. 19

✗ 4. 21

Q.99 Rohit marks the price of his article 60% more than its cost price. If he sells the article for ₹18,510 after allowing a discount of 85%, then what will be the cost price (in ₹) of the article?

Ans

✗ 1. 77,124

✗ 2. 77,128

✗ 3. 77,127

✓ 4. 77,125

Q.100 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

BIG DKI FMK HOM ?

Ans

✗ 1. JRP

✓ 2. JQO

✗ 3. JRO

✗ 4. JQP

Test Date	09/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **In a certain code language,**

A + B means 'A is the mother of B'
A – B means 'A is the brother of B'
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N ÷ O – P × Q'?

Ans
✗ 1. Wife's father's sister
✗ 2. Wife's mother's mother
✗ 3. Wife's mother's sister
✓ 4. Wife's father's mother

Q.2 **Town E is to the east of Town F. Town F is to the south of Town G. Town G is to the east of Town H. Town H is to the west of Town I. Town E is to the south-west of Town I. What is the position of Town G with respect to Town I?**

Ans
✗ 1. East
✗ 2. North
✗ 3. South
✓ 4. West

Q.3 **Ashish's salary is ₹11,000 per month. He spends ₹4,000 on house rent and ₹1,500 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.**

Ans
✗ 1. 55,000
✗ 2. 66,000
✓ 3. 60,500
✗ 4. 49,500

Q.4 Find the value of m for which it satisfies $\left(\frac{21}{8}\right)^{12} \times \left(\frac{8}{21}\right)^{14} \times \left(\frac{21}{8}\right)^{14} = \left(\frac{8}{21}\right)^{9m+20}$.

Ans

✗ 1. $-\frac{25}{9}$

✓ 2. $-\frac{32}{9}$

✗ 3. $-\frac{22}{9}$

✗ 4. $-\frac{37}{9}$

Q.5 A person saves 40% of his income. If his expenditure is ₹480, then his income (in ₹) is:

Ans

✓ 1. 800

✗ 2. 192

✗ 3. 288

✗ 4. 840

Q.6 Which of the following numbers is divisible by 38?

Ans

✓ 1. 1938

✗ 2. 1495

✗ 3. 2620

✗ 4. 2423

Q.7 A can do a piece of work in 57 hours, B and C together can do it in 28 hours, while A and C together can do it in 19 hours. How long (in hours) will B alone take to do it?

Ans

✗ 1. 1597

✗ 2. 1595

✓ 3. 1596

✗ 4. 1598

Q.8 Through which of the following plateaus does the River Damodar flow?

Ans

✗ 1. Meghalaya Plateau

✗ 2. Malwa Plateau

✗ 3. Deccan Plateau

✓ 4. Chhotanagpur Plateau

Q.9 This question is based on the five, three-digit numbers given below.

(Left) 898 740 280 169 993 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

Ans

✗ 1. 17

✓ 2. 18

✗ 3. 21

✗ 4. 19

Q.10 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 £ 6 @ & % 4 6 @ 8 $ 7 & 3 Ω 9 # 1 * 4 5 (Right)

How many such symbols are there each of which is immediately preceded by an even number and also immediately followed by an odd number?

Ans
- ✗ 1. Four
- ✗ 2. Two
- ✓ 3. One
- ✗ 4. Three

Q.11 Who was the chairman of the National Commission on Farmers (NCF) when it was constituted on 18 November 2004 in India?

Ans
- ✓ 1. MS Swaminathan
- ✗ 2. Chakravarthi Rangarajan
- ✗ 3. Verghese Kurien
- ✗ 4. Krishnaswamy Kasturirangan

Q.12 Which country hosted the 58th Annual Meeting of the Asian Development Bank (ADB) in 2025, where India discussed the Strategic Action Plan 2025-2029?

Ans
- ✗ 1. India
- ✗ 2. China
- ✓ 3. Italy
- ✗ 4. Japan

Q.13 What is the projected population of India by 2036, according to the National Commission on Population?

Ans
- ✗ 1. 1.38 billion
- ✓ 2. 1.52 billion
- ✗ 3. 1.45 billion
- ✗ 4. 1.32 billion

Q.14 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: OLR :: PMS : %

Ans
- ✓ 1. # = JGM, % = URX
- ✗ 2. # = MKI, % = NHU
- ✗ 3. # = KLM, % = NHY
- ✗ 4. # = LKP, % = FGH

Q.15 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

50, 4
80, 7

Ans
- ✗ 1. 90, 11
- ✓ 2. 70, 6
- ✗ 3. 100, 11
- ✗ 4. 60, 6

Q.16 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. No one sits to the right of I. Only three people sit between I and J. Only two people sit between J and Q. L sits third to the left of P. K sits to the immediate right of P. How many people sit between O and Q?

Ans
- ✔ 1. Three
- ✘ 2. One
- ✘ 3. Two
- ✘ 4. Four

Q.17 Walking at $\frac{2}{5}$ of his normal speed, Abhijeet is 48 minutes late in reaching his office.

The usual time taken by him to cover the distance between his home and his office is:

Ans
- ✘ 1. 37 minutes
- ✔ 2. 32 minutes
- ✘ 3. 40 minutes
- ✘ 4. 33 minutes

Q.18 If 2 is added to each even digit and 2 is added to each odd digit in the number 7362145, what will be the sum of all the odd digits in the new number thus formed?

Ans
- ✘ 1. 28
- ✘ 2. 26
- ✔ 3. 24
- ✘ 4. 20

Q.19 According to the Regulating Act of 1773 of the East India Company, to whom did the governors of Madras and Bombay report regularly?

Ans
- ✘ 1. Court of Directors
- ✔ 2. The Governor General
- ✘ 3. The British Crown
- ✘ 4. The British Parliament

Q.20 The median of the observations 87, 56, 79, 81, 11, 53, 94, 45, 32, 99 and 98 is:

Ans
- ✘ 1. 81
- ✘ 2. 56
- ✘ 3. 53
- ✔ 4. 79

Q.21 The book "Gita Rahasya", a philosophical interpretation of the Bhagavad Gita, was written by which of the following leaders?

Ans
- ✘ 1. Aurobindo Ghosh
- ✔ 2. Bal Gangadhar Tilak
- ✘ 3. Mahatma Gandhi
- ✘ 4. Gopal Krishna Gokhale

Q.22 The Meissner effect is a defining characteristic of which state of matter?

Ans
- ✘ 1. Insulating state
- ✘ 2. Ferromagnetic state
- ✘ 3. Paramagnetic state
- ✔ 4. Superconducting state

Q.23 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people lives between N and Z. Only M lives above P. Y lives on an even numbered floor. N lives on the lowermost floor. How many people live between O and M?

Ans
- ✗ 1. Three
- ✗ 2. Four
- ✗ 3. One
- ✓ 4. Two

Q.24 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

51 ÷ 12 + 162 × 3 − 104 =?

Ans
- ✓ 1. 662
- ✗ 2. 642
- ✗ 3. 672
- ✗ 4. 652

Q.25 Which of the following films won the 2025 Golden Globe Award for Best Motion Picture – Non-English Language?

Ans
- ✗ 1. The Girl With The Needle
- ✗ 2. All We Imagine as Light
- ✓ 3. Emilia Pérez
- ✗ 4. I'm Still Here

Q.26 In December 2024, which day honoured Dr BR Ambedkar's contribution to social justice?

Ans
- ✓ 1. Mahaparinirvan Diwas
- ✗ 2. Constitution Awareness Day
- ✗ 3. Ambedkar Smriti Diwas
- ✗ 4. National Equality Day

Q.27 What should come in place of the question mark (?) in the given series?

601 600 597 592 585 ?

Ans
- ✓ 1. 576
- ✗ 2. 571
- ✗ 3. 573
- ✗ 4. 577

Q.28 If the ratio of two numbers is 3 : 16 and the product of their LCM and their HCF is 432, then the sum of the reciprocals of the LCM and the HCF is:

Ans
- ✗ 1. $\frac{49}{151}$
- ✗ 2. $\frac{49}{145}$
- ✓ 3. $\frac{49}{144}$
- ✗ 4. $\frac{49}{159}$

Q.29 **Select the correct statement regarding the properties of diagonals of a rhombus.**

Ans

✗ 1. The diagonals of a rhombus are equal, intersect at right angles and bisect each other.

✓ 2. The diagonals of a rhombus are not equal, intersect at right angles and bisect each other.

✗ 3. The diagonals of a rhombus are equal, do not intersect at right angles and bisect each other.

✗ 4. The diagonals of a rhombus are equal, intersect at right angles and do not bisect each other.

Q.30 **The capacity of a cuboid tank of water is 70,000 litres. Find the breadth of the tank, if its length and depth are 4 m and 10 m, respectively.**

Ans

✓ 1. 1.75 m

✗ 2. 1.85 m

✗ 3. 1.95 m

✗ 4. 1.65 m

Q.31 **Sharda Sinha, honoured with the Padma Vibhushan in 2025, was originally known for singing in which Indian languages?**

Ans

✓ 1. Bhojpuri and Maithili

✗ 2. Punjabi and Kashmiri

✗ 3. Assamese and Bodo

✗ 4. Marathi and Konkani

Q.32 **What should come in place of the question mark (?) in the given series based on the English alphabetical order?**

FMT AHO VCJ QXE ?

Ans

✗ 1. ZSL

✗ 2. LZS

✗ 3. ZLS

✓ 4. LSZ

Q.33 y varies directly as $(x+3)$, and $y=8$ when $x=1$.
What is the value of y when $x=2$?

Ans

✓ 1. 10

✗ 2. 5

✗ 3. 8

✗ 4. 2

Q.34 **The retail price of a water geyser is ₹11,300. If the manufacturer gains 5%, the wholesale dealer gains 10% and the retailer gains 15%, then find the cost price of the water geyser (rounded off to two decimal places.)**

(Note: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customer.)

Ans

✗ 1. ₹9,500.75

✓ 2. ₹8,507.43

✗ 3. ₹10,110.11

✗ 4. ₹6,050.25

Q.35 **Who is most commonly associated with the 'safety valve' theory regarding the formation of the Indian National Congress?**

Ans

✓ 1. AO Hume

✗ 2. Dadabhai Naoroji

✗ 3. WC Bannerji

✗ 4. Lord Dufferin

Q.36 **Which of the following is an indirect tax levied in India?**

Ans
- ✗ 1. Capital Gain Tax
- ✗ 2. Equalisation Levy
- ✗ 3. Corporate Tax
- ✓ 4. Goods and Services Tax

Q.37 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)**

Ans
- ✗ 1. ACG
- ✗ 2. SUY
- ✓ 3. BEH
- ✗ 4. FHL

Q.38 **In March 2025, India hosted the inaugural edition of which naval exercise aimed at enhancing maritime cooperation with African nations?**

Ans
- ✗ 1. Exercise MILAN
- ✓ 2. Africa-India Key Maritime Engagement
- ✗ 3. Indian Ocean Naval Symposium (IONS)
- ✗ 4. Exercise VARUNA

Q.39 **The Scythians, or Shakas, originally came from _____.**

Ans
- ✗ 1. Eastern Europe
- ✓ 2. Central Asia
- ✗ 3. Southeast Asia
- ✗ 4. South India

Q.40 **In MS Word 365, what is the shortcut to remove manual character formatting from selected text?**

Ans
- ✗ 1. Ctrl + Z
- ✗ 2. Ctrl + Shift + N
- ✗ 3. Ctrl + B
- ✓ 4. Ctrl + Spacebar

Q.41 **A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.**
E lives on a floor which is a prime number. The product of floors on which E and A live is 8. C lives immediately above F. The sum of floors on which A and B live is 7.
How many people live between C and E?

Ans
- ✗ 1. One
- ✓ 2. Three
- ✗ 3. Two
- ✗ 4. Four

Q.42 **The sculpture of bearded man, found in Mohejo-daro, is made of which material?**

Ans
- ✗ 1. Bronze
- ✗ 2. Terracota
- ✗ 3. Copper
- ✓ 4. Stone

Q.43 In the context of file deletion, what is the typical immediate effect of moving a file to the 'Trash' or 'Recycle Bin' in a GUI-based Operating System?

Ans

✗ 1. The file's data is immediately overwritten and unrecoverable.

✗ 2. The file's metadata (inode or equivalent) is immediately purged from the file system.

✗ 3. The file is compressed and archived before being permanently deleted.

✓ 4. The file is moved to a special directory, and its directory entry is updated, but the data remains on the storage device.

Q.44 Which Himalayan range is the northern-most and contains the loftiest peaks?

Ans

✗ 1. Shiwalik

✗ 2. Himachal Himalaya

✗ 3. Purvachal

✓ 4. Himadri

Q.45 Determine the nature of the roots of the quadratic equation $3x^2 + 2x + 5 = 0$.

Ans

✓ 1. Complex Roots (Imaginary Roots)

✗ 2. Real and Equal Roots

✗ 3. Real and Distinct Roots

✗ 4. More than 2 real roots

Q.46 The original price of a music set is ₹8,000. The price is decreased by 12% and then raised by 20%. What is its new price (in ₹)?

Ans

✗ 1. 7,748

✗ 2. 7,948

✗ 3. 8,948

✓ 4. 8,448

Q.47 Simplify: $\frac{36}{9} \times (74 + 12) + 99$

Ans

✗ 1. 446

✗ 2. 449

✗ 3. 444

✓ 4. 443

Q.48 There are two sections A and B of a class, consisting of 22 and 44 students, respectively. If the average weight of section A is 40 kg and that of section B is 34 kg, find the average weight of the whole class (in kg).

Ans

✗ 1. 35.5

✓ 2. 36

✗ 3. 37

✗ 4. 36.5

Q.49 In a certain code language, 'read this book' is coded as 'op st qr' and 'book on table' is coded as 'qr lm pq'. How is 'book' coded in the given language?

Ans

✗ 1. op

✗ 2. pq

✗ 3. lm

✓ 4. qr

Q.50 If a : b = 3 : 4 and b : c = 4 : 7, then $\frac{a+b+c}{c}$ is equal to:

Ans

✗ 1. $\frac{7}{2}$

✗ 2. $\frac{14}{3}$

✗ 3. 14

✓ 4. 2

Q.51 Which Article of the Constitution of India deals with the application of the Directive Principles of the State Policy?

Ans

✗ 1. Article 38

✗ 2. Article 39

✗ 3. Article 36

✓ 4. Article 37

Q.52 2 men or 9 women can do a job in 14 days. 2 men work for 9 days and leave. The number of women required to complete the remaining work in 9 days is:

Ans

✗ 1. 2

✗ 2. 3

✓ 3. 5

✗ 4. 4

Q.53 Who was the son and successor of Chandragupta II?

Ans

✗ 1. Skandagupta

✓ 2. Kumaragupta I

✗ 3. Ramgupta

✗ 4. Samudragupta

Q.54 Prabin starts from Point A and drives 12 km towards the west. He then takes a right turn, drives 8 km, turns right and drives 14 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans

✗ 1. 5 km to the north

✗ 2. 3 km to the north

✗ 3. 4 km to the south

✓ 4. 4 km to the north

Q.55 Which country's federal election was held on 3 May 2025 to elect members of its 48th Parliament?

Ans

✗ 1. Canada

✓ 2. Australia

✗ 3. United Kingdom

✗ 4. New Zealand

Q.56 DNA polymerase catalyses the addition of nucleotides during DNA replication. Its main role is to:

Ans

✗ 1. Ligate Okazaki fragments together

✗ 2. Remove RNA primers from the lagging strand

✓ 3. Synthesise new DNA strands complementary to the template

✗ 4. Unwind the DNA double helix

Q.57 As per the Indian Space Association (ISpA) in 2025, _____ satellites out of the approved 52-satellite constellation for the defence sector are expected to be built by the private sector.

Ans
- ✗ 1. 41
- ✗ 2. 52
- ✓ 3. 31
- ✗ 4. 21

Q.58 What was the unemployment rate for persons aged 15 years and above in rural India during the period 2022-23, according to the Periodic Labour Force Survey (PLFS) annual report 2022-23?

Ans
- ✗ 1. 5.1%
- ✗ 2. 4.0%
- ✗ 3. 3.5%
- ✓ 4. 2.4%

Q.59 In which of the following cities Gharanas of Thumri are based?

Ans
- ✗ 1. Gwalior and Bhopal
- ✓ 2. Banaras and Lucknow
- ✗ 3. Agra and Kirana
- ✗ 4. Patiala and Talwandi

Q.60 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some guns are bombs.
Some guns are cargos.
Some bombs are riffles.

Conclusions:
(I): Some guns are riffles.
(II): Some bombs are cargos.

Ans
- ✗ 1. Only conclusion (II) follows.
- ✗ 2. Only conclusion (I) follows.
- ✗ 3. Both conclusions (I) and (II) follow.
- ✓ 4. Neither conclusion (I) nor (II) follows.

Q.61 A shopkeeper marked his goods at X% above their cost price and sold them at a discount of 16%. If he gained 68% profit, then find the value of X.

Ans
- ✗ 1. 101
- ✓ 2. 100
- ✗ 3. 99
- ✗ 4. 102

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✓ 1. MQ - UZ
- ✗ 2. GJ - PS
- ✗ 3. EH - NQ
- ✗ 4. JM - SV

Q.63 Walking at $\frac{2}{5}$ of his normal speed, Abhijeet is 18 minutes late in reaching his office.

The usual time taken by him to cover the distance between his home and his office is:

Ans
- ✔ 1. 12 minutes
- ✘ 2. 2 minutes
- ✘ 3. 9 minutes
- ✘ 4. 11 minutes

Q.64 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?**

 # : UWC :: OHW : %

Ans
- ✘ 1. # = MCU, % = KXS
- ✘ 2. # = QMY, % = MCU
- ✔ 3. # = SRA, % = QMY
- ✘ 4. # = KXS, % = SRA

Q.65 **Raj has ₹1,218 with him. He divided it amongst his sons Varun and Ashish and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Varun and Ashish got the same amount after 13 and 14 years, respectively. How much (in ₹) did Raj give to Ashish?**

Ans
- ✔ 1. ₹580
- ✘ 2. ₹638
- ✘ 3. ₹738
- ✘ 4. ₹430

Q.66 **On International Women's Day 2025, which Indian bank launched 'Asmita', a collateral-free digital SME loan tailored for women entrepreneurs?**

Ans
- ✘ 1. Bank of Baroda
- ✘ 2. HDFC Bank
- ✔ 3. State Bank of India
- ✘ 4. Axis Bank

Q.67 **What should come in place of the question mark (?) in the given series based on the English alphabetical order?**

AHE CJG ELI GNK ?

Ans
- ✘ 1. ION
- ✘ 2. IPN
- ✘ 3. IOM
- ✔ 4. IPM

Q.68 **Which of the following components is NOT part of the CPU?**

Ans
- ✔ 1. Hard Disk Drive (HDD)
- ✘ 2. Cache memory
- ✘ 3. Arithmetic Logic Unit (ALU)
- ✘ 4. Control Unit (CU)

Q.69 Select the number from among the given options that can replace the question mark (?) in the following series.
13 26 29 58 61 122 125 ?

Ans
✗ 1. 131
✓ 2. 250
✗ 3. 225
✗ 4. 128

Q.70 What was the budget allocated in the Smart City Mission for the financial year 2023-24?

Ans
✗ 1. ₹10,000 crore
✗ 2. ₹6,000 crore
✗ 3. ₹12,000 crore
✓ 4. ₹8,000 crore

Q.71 What is Tetrachloromethane primarily used for in manufacturing?

Ans
✗ 1. Fertiliser production and pesticide refining
✗ 2. Glass manufacturing and ceramic treatment
✗ 3. Textile dyeing and coloring of woollen clothes
✓ 4. Production of refrigerants and aerosol propellants

Q.72 The diameter of a metallic solid sphere is 42 cm. It is melted and drawn into a wire with a cross-sectional diameter of 0.6 cm. Find the length (in metre) of the wire.

Ans
✓ 1. 1372
✗ 2. 1367
✗ 3. 1362
✗ 4. 1364

Q.73 If $x + y = 10$, product of x and y is 16, then the value of $x^4 + y^4$ is:

Ans
✗ 1. 4092
✗ 2. 4175
✗ 3. 4073
✓ 4. 4112

Q.74 A ladder 10.6 m long is leaning against a wall. It makes an angle of 30^o with the ground. How high does the ladder reach on the wall?

Ans
✗ 1. $5.3\sqrt{2}$ m
✗ 2. 5.6 m
✗ 3. $5.3\sqrt{3}$ m
✓ 4. 5.3 m

Q.75 If '−' means '÷', '÷' means '×', '×' means '+' and '+' means '−', then what will come in place of the question mark (?) in the following equation?

3 ÷ 45 × 855 − 19 + 16 = ?

Ans
✗ 1. 180
✗ 2. 136
✓ 3. 164
✗ 4. 460

Q.76 The peasant struggle of the Warli tribe in the year 1945 occurred in which of the following states of India?

Ans
✗ 1. Mizoram
✓ 2. Maharashtra
✗ 3. Kerala
✗ 4. Gujarat

Q.77 This question is based on the five, three-digit numbers given below.

(Left) 773 263 387 270 378 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

Ans
✗ 1. 6
✗ 2. 8
✓ 3. 5
✗ 4. 4

Q.78 A, B, C, D, G, H, and I are sitting around a circular table facing the centre.
Only one person sits between H and I when counted from the right of H. Only one person sits between I and C. Only one person sits between H and G. Only two people sit between A and C. Only one person sits between B and G.
Who sits third to the right of D ?

Ans
✗ 1. C
✗ 2. G
✗ 3. A
✓ 4. I

Q.79 From 10-14 February 2025, in which city did India host the annual Conference of the International Institute of Administrative Sciences (IIAS) for the first time?

Ans
✗ 1. Gandhinagar
✓ 2. New Delhi
✗ 3. Hyderabad
✗ 4. Ahmedabad

Q.80 20 dual desks and 12 chairs were bought for ₹79,600. If the average cost of a dual desk was ₹3,500, find the average cost of a chair.

Ans
✗ 1. ₹850
✗ 2. ₹920
✗ 3. ₹950
✓ 4. ₹800

Q.81 Vijay ranked 34^{th} from the top and 11^{th} from the bottom in his class. How many students are there in his class?

Ans
✗ 1. 42
✓ 2. 44
✗ 3. 45
✗ 4. 43

Q.82 Which of the following shortcut keys can be used to quickly open a presentation in PowerPoint?

Ans
- ✗ 1. Alt + O
- ✗ 2. Shift + O
- ✗ 3. Tab + O
- ✓ 4. Ctrl + O

Q.83 Which Constitutional Article specifically provides for free legal aid to the poor?

Ans
- ✗ 1. Article 21
- ✗ 2. Article 32
- ✗ 3. Article 44
- ✓ 4. Article 39A

Q.84 VO Chidambaram Pillai was actively involved in the revolutionary movement in which of the following areas?

Ans
- ✗ 1. Calcutta
- ✗ 2. Delhi
- ✗ 3. Bombay
- ✓ 4. Madras

Q.85 Where is plantation agriculture mainly practised in India?

Ans
- ✓ 1. Kerala and Assam
- ✗ 2. Odisha and Chhattisgarh
- ✗ 3. Punjab and Haryana
- ✗ 4. Rajasthan and Gujarat

Q.86 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

HO-JQ-LN
JQ-LS-NP

Ans
- ✓ 1. LS-NU-PR
- ✗ 2. LS-NU-PQ
- ✗ 3. KS-NU-PQ
- ✗ 4. KS-NV-PQ

Q.87 What provision was extended under the 104th Constitutional Amendment Act, 2020?

Ans
- ✗ 1. Term of the Lok Sabha
- ✗ 2. GST Council term
- ✓ 3. Reservation for SC/ST in legislatures
- ✗ 4. Voting age for elections

Q.88 How long (in years) will it take for ₹1,680 to become ₹2,100 at a rate of 4% per annum simple interest?

Ans
- ✓ 1. 6.25
- ✗ 2. 7.25
- ✗ 3. 8.25
- ✗ 4. 5.25

Q.89 Which feature in Windows allows you to create shortcuts to frequently used folders for easier access?

Ans

✗ 1. File Explorer

✗ 2. Libraries

✗ 3. Task Bar

✓ 4. Quick Access

Q.90 LQRU is related to ONTS in a certain way based on the English alphabetical order. In the same way, RKVQ is related to UHXO. To which of the given options is XEZM related, following the same logic?

Ans

✗ 1. BCAK

✗ 2. BABJ

✓ 3. ABBK

✗ 4. ZBZL

Q.91 If $a^2 + b^2 = 144$, $a \times b = 24$ and $a > b$, then find the value of $\frac{a - b}{a + b}$.

Ans

✗ 1. $\frac{1}{2}$

✓ 2. $\sqrt{\frac{1}{2}}$

✗ 3. $\sqrt{\frac{1}{3}}$

✗ 4. $\frac{1}{3}$

Q.92 Two concentric circles have radii of 10 cm and 26 cm. Find the length of the chord of the larger circle that is tangent to the smaller circle.

Ans

✗ 1. 20 cm

✓ 2. 48 cm

✗ 3. 50 cm

✗ 4. 52 cm

Q.93 What is the mean of the following distribution?

Marks	13	27	59	61	97
No. of Students	95	57	80	98	73

Ans

✗ 1. 31

✗ 2. 45

✓ 3. 51

✗ 4. 74

Q.94 Which Indian state became the first to establish a Senior Citizens Commission in March 2025?

Ans

✓ 1. Kerala

✗ 2. Gujarat

✗ 3. Maharashtra

✗ 4. Tamil Nadu

Q.95 The cost of 5 shirts and 7 trousers together is ₹6,150 and the cost of 3 shirts is equal to the cost of 4 trousers. What is the cost (in ₹) of 2 shirts and 2 trousers together?

Ans

✗ 1. 2,150

✗ 2. 2,400

✓ 3. 2,100

✗ 4. 2,250

Q.96 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8457312, what will be sum of the highest and lowest digits in the number thus formed?

Ans

✗ 1. 7

✗ 2. 6

✓ 3. 8

✗ 4. 9

Q.97 In a certain code language, 'NOSE' is coded as '3517' and 'OILY' is coded as '2458'. What is the code for 'O' in the given code language?

Ans

✗ 1. 1

✓ 2. 5

✗ 3. 2

✗ 4. 7

Q.98 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Symbol	9	2	@	&	3	4	5	%	1	8	Δ	7	6
Code	L	C	Z	M	D	W	A	P	R	T	F	B	K

Conditions:
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?
7 & 2 @ 9 % 2

Ans

✗ 1. M M C Z L P ©

✗ 2. © M Z C L P ©

✗ 3. © M C Z P L ©

✓ 4. © M C Z L P ©

Q.99 Which of the following sports events were included in the school-level competitions organised by the Uttar Pradesh government in December 2024?

Ans

✗ 1. Cricket and badminton

✗ 2. Tennis and swimming

✓ 3. Kabaddi and kho-kho

✗ 4. Basketball and athletics

Q.100 What special status did the Sixty-ninth Amendment Act, 1991 give to Delhi?

Ans

✗ 1. Granted full Statehood to Delhi

✓ 2. Designated Delhi as the National Capital Territory with a legislative assembly

✗ 3. Made Delhi a Union Territory without a legislature

✗ 4. Brought Delhi under the control of the President through the Governor

Test Date	10/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **The Takht-i-Bahi inscription is associated with which region?**

Ans
✔ 1. Gandhara
✘ 2. Kannauj
✘ 3. Gujarat
✘ 4. Agra

Q.2 **Which Windows OS tool is used to change the system date and time?**

Ans
✘ 1. Task Manager
✘ 2. Device Manager
✔ 3. Control Panel
✘ 4. File Explorer

Q.3 **What provision was introduced by the Sixty-fifth Amendment Act of 1990 for the welfare of Scheduled Castes and Scheduled Tribes?**

Ans
✔ 1. A multi-member National Commission
✘ 2. A ministry for tribal affairs
✘ 3. A new reservation policy
✘ 4. A single special officer

Q.4 **In November 2024, the Indian government introduced the Broadcasting Services (Regulation) Bill, 2024. Which of the following is a key feature of this bill?**

Ans
✘ 1. Exemption of OTT platforms from any regulatory oversight
✘ 2. Complete deregulation of satellite television channels
✘ 3. Abolishment of the Cable Television Networks (Regulation) Act, 1995, without replacement
✔ 4. Mandatory registration of digital news broadcasters and content creators

Q.5 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✔ 1. PXR
✘ 2. LTO
✘ 3. NVQ
✘ 4. HPK

Q.6 X, Y and Z invest a sum in the ratio 45 : 37 : 71 respectively. If they earned total profit of ₹2,790 at the end of year, then what is the difference between the share of Y and Z?

Ans
✗ 1. ₹599
✓ 2. ₹620
✗ 3. ₹644
✗ 4. ₹728

Q.7 Which Indian city is most influenced by retreating monsoon rainfall?

Ans
✗ 1. Mumbai
✓ 2. Chennai
✗ 3. Bhopal
✗ 4. Jaipur

Q.8 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(43, 48, 5)
(49, 70, 21)

Ans
✗ 1. (36, 52, 13)
✗ 2. (45, 52, 4)
✓ 3. (20, 34, 14)
✗ 4. (48, 71, 20)

Q.9 What should come in place of the question mark (?) in the given series?

49 55 63 73 85 99 ?

Ans
✗ 1. 129
✓ 2. 115
✗ 3. 120
✗ 4. 111

Q.10 If $x + \frac{1}{x} = 15$, then the value of $x^3 + \frac{1}{x^3}$ is:

Ans
✗ 1. 3267
✓ 2. 3330
✗ 3. 3298
✗ 4. 3311

Q.11 What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 1,60,000 is increasing at a rate of 25% every year?

Ans
✗ 1. 20,830
✓ 2. 20,480
✗ 3. 19,930
✗ 4. 19,730

Q.12 What happens if a municipality in India is dissolved before completing its full term?

Ans
✗ 1. The previous municipal council is reinstated.
✗ 2. The central government takes over governance.
✗ 3. The municipality ceases to exist.
✓ 4. A new election must be held within 6 month

Q.13 Which industry is closely associated with 'cluster development' and the second-largest sector in terms of job creation in India after agriculture?

Ans
- ✗ 1. Automobile
- ✓ 2. Textile and apparel
- ✗ 3. Pharmaceuticals
- ✗ 4. Steel

Q.14 Which DRDO lab conducted a successful laser weapon test in April 2025?

Ans
- ✗ 1. ADE (Aeronautical Development Establishment)
- ✗ 2. CAIR (Centre for Artificial Intelligence & Robotics)
- ✓ 3. CHESS (Centre for High Energy Systems and Sciences)
- ✗ 4. NPOL (Naval Physical & Oceanographic Laboratory)

Q.15 Where are the elements such as neptunium and plutonium found?

Ans
- ✓ 1. Pitchblende
- ✗ 2. Coal
- ✗ 3. Seawater
- ✗ 4. Granite

Q.16 The marked price of a bed is ₹744, which is 31% above the cost price. If the profit percentage is 9%. Find the discount percentage. (rounded off to two decimal places)

Ans
- ✗ 1. 15.52%
- ✗ 2. 18.65%
- ✗ 3. 14.59%
- ✓ 4. 16.79%

Q.17 Town C is to the east of Town D. Town E is to the north of Town C. Town F is to the south of Town E. Town G is to the west of Town F. Town D is to the north-east of Town G. What is the position of Town C with respect to Town F?

Ans
- ✗ 1. West
- ✗ 2. South
- ✓ 3. North
- ✗ 4. East

Q.18 Which of the following Articles of the Constitution of India prohibits human trafficking?

Ans
- ✗ 1. Article 21
- ✗ 2. Article 24
- ✗ 3. Article 19
- ✓ 4. Article 23

Q.19 In a certain code language, 'HEIR' is coded as '2468' and 'EASY' is coded as '1327'. What is the code for 'E' in the given code language?

Ans
- ✗ 1. 1
- ✓ 2. 2
- ✗ 3. 4
- ✗ 4. 7

Q.20 The Utkal Plains are situated along which part of India's coastal plain?

Ans
- ✓ 1. Eastern Coastal Plain
- ✗ 2. Konkan Coast
- ✗ 3. Malabar Coast
- ✗ 4. Western Coastal Plain

Q.21 After 51 litres of petrol was poured into an empty storage tank, it was still 1% empty. How much petrol (in litres, rounded off to two decimal places) must be poured into the storage tank in order to fill it?

Ans
- ✗ 1. 50.52
- ✗ 2. 52.52
- ✓ 3. 51.52
- ✗ 4. 52.05

Q.22 When 1063, 2815 and 3451 are divided by the greatest number x, the remainder in each case is y. What is the value of (3x − 14y)?

Ans
- ✗ 1. −65
- ✗ 2. −60
- ✓ 3. −62
- ✗ 4. −66

Q.23 The synapse's effectiveness in transmitting nerve impulses is most critically determined by which of the following?

Ans
- ✗ 1. The diameter of the axon
- ✗ 2. The length of the dendritic arborisation
- ✓ 3. The concentration of neurotransmitter and the number of receptors in the postsynaptic membrane
- ✗ 4. The presence of myelin sheaths along the dendrites

Q.24 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

GEAN - NAGE - GAEN
MAKE - EKMA - MKAE

Ans
- ✗ 1. TURN - URTN - URNT
- ✗ 2. BOLD - BLOD - DLOB
- ✓ 3. FOWL - LWFO - FWOL
- ✗ 4. BEAN - NABE - EABN

Q.25 The arithmetic mean of the observations 69, 60, 39, 58, 55, 31, 84, 64 and 80 is:

Ans
- ✗ 1. 59
- ✗ 2. 53
- ✗ 3. 50
- ✓ 4. 60

Q.26 The 'Reclining Statue of Lord Vishnu' is found in which of the following caves?

Ans
- ✗ 1. Elephanta caves
- ✓ 2. Undavalli caves
- ✗ 3. Ellora caves
- ✗ 4. Ajanta caves

Q.27 Simplify the following:

$$47 + \frac{49}{7} + 65 - 27$$

Ans
- ✓ 1. 92
- ✗ 2. 116
- ✗ 3. 65
- ✗ 4. 108

Q.28 The Tonnage Tax Scheme, seen in Union Budget 2025-26, is associated with taxing which sector?

Ans
- ✗ 1. Telecom companies
- ✗ 2. Manufacturing companies
- ✗ 3. Digital companies
- ✓ 4. Shipping activities

Q.29 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. O lives on an even numbered floor but not on floor number 4. Only two people live between O and Z. Y lives on an odd numbered floor but not on the lowermost floor. Only two people live between Y and M. P lives immediately below Y. How many people live between N and P?

Ans
- ✗ 1. Three
- ✓ 2. Two
- ✗ 3. One
- ✗ 4. Four

Q.30 The simplified value of 139 - 15 × (11 + 4) + 52 is:

Ans
- ✗ 1. -24
- ✗ 2. -25
- ✓ 3. -34
- ✗ 4. -33

Q.31 The mean and the mode of a data set are 33.9 and 40.1, respectively. Find the median of the data, using the empirical formula. (Round off your answer to two decimal places.)

Ans
- ✗ 1. 35.33
- ✗ 2. 36.27
- ✓ 3. 35.97
- ✗ 4. 34.66

Q.32 In early 2025, the Defence Research and Development Organisation (DRDO) achieved a milestone by developing a laser weapon system. What is the power output of this system?

Ans
- ✗ 1. 20 kilowatts
- ✗ 2. 10 kilowatts
- ✓ 3. 30 kilowatts
- ✗ 4. 40 kilowatts

Q.33 Two pipes can fill a cistern, individually, in 35 min and 15 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 6 min. How long will the pipe at the bottom of the cistern take to empty the completely filled cistern if no other pipe is then open?

Ans
- ✓ 1. 14 min
- ✗ 2. 5 min
- ✗ 3. 8 min
- ✗ 4. 17 min

Q.34 What was the estimated capital expenditure of the Ministry of Road Transport and Highways in India for the financial year 2024-25?

Ans
- ✗ 1. ₹1.50 lakh crore
- ✓ 2. ₹2.72 lakh crore
- ✗ 3. ₹3.00 lakh crore
- ✗ 4. ₹2.00 lakh crore

Q.35 The role of the Himalayas in shaping India's climate includes all, EXCEPT which of the following?

Ans
- ✗ 1. Acting as a barrier to southwest monsoon winds
- ✗ 2. Contributing to snowfall in northern India
- ✓ 3. Creating convection currents
- ✗ 4. Blocking cold winds from Central Asia

Q.36 Who among the following was awarded with the prestigious Lifetime Achievement Award for research in Diabetes in July 2024?

Ans
- ✗ 1. Pankaj Chaudhary
- ✗ 2. Piyush Goyal
- ✓ 3. Dr. Jitendra Singh
- ✗ 4. Jitin Prasada

Q.37 For what value of k do the quadratic equations: $2x^2 - 5x + 3 = 0$ and $4x^2 - (k+1)x + 6 = 0$, have both roots common?

Ans
- ✓ 1. 9
- ✗ 2. 11
- ✗ 3. 7
- ✗ 4. 5

Q.38 What happens if you paste text into MS-PowerPoint 2019 with the Keep Source Formatting option?

Ans
- ✗ 1. The text adopts the destination slide's theme fonts/colors.
- ✓ 2. The text retains its original formatting from the source.
- ✗ 3. The text is converted into an image.
- ✗ 4. The text size automatically adjusts to fit the slide.

Q.39 Find the area of a regular hexagon whose side measures $16\sqrt{2}$ cm.

Ans
- ✗ 1. $876\sqrt{3}$ cm^2
- ✗ 2. $786\sqrt{3}$ cm^2
- ✗ 3. $867\sqrt{3}$ cm^2
- ✓ 4. $768\sqrt{3}$ cm^2

Q.40 Train A, running at a speed of 32 km/hr, takes 33 seconds to completely cross train B, running at 28 km/hr in the opposite direction. The length of train B is 1.5 times the length of train A. Train B crosses a bridge completely in 54 seconds. What is the length of the bridge (in m)?

Ans
- ✗ 1. 109
- ✗ 2. 177
- ✗ 3. 154
- ✓ 4. 90

Q.41 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then the resultant of which of the following would be 75?

Ans
- ✗ 1. 84 B 12 C 76 D 36 A 4
- ✗ 2. 84 D 12 A 76 B 36 C 4
- ✓ 3. 84 A 12 D 76 C 36 B 4
- ✗ 4. 84 C 12 D 76 A 36 B 4

Q.42 Roots of which of the following revolts lied in the fact that the British deprived the tribals of their traditional rights over the toddy trees?

Ans
- ✗ 1. Manjhi Revolt
- ✗ 2. Telanga Kharia Revolt
- ✗ 3. Khasi Rebellion
- ✓ 4. Koya revolt

Q.43 Given that $12^{0.36} = x$, $12^{0.64} = y$ and $x^z = y^4$, then the value of z is close to:

Ans
- ✓ 1. 7.11
- ✗ 2. 9.48
- ✗ 3. 6.89
- ✗ 4. 5.52

Q.44 If + means −, − means ×, × means ÷, and ÷ means +, what will come in place of the question mark (?) in the following equation?

$15 - 3 \div 5 + 18 \times 6 = ?$

Ans
- ✗ 1. 40
- ✗ 2. 57
- ✗ 3. 50
- ✓ 4. 47

Q.45 Which type of wave is a sound wave in air?

Ans
- ✓ 1. Longitudinal
- ✗ 2. Transverse
- ✗ 3. Electromagnetic
- ✗ 4. Standing

Q.46 Who succeeded Dhruvasena?

Ans
- ✓ 1. Dharapatta
- ✗ 2. Dronasimha
- ✗ 3. Guhasena
- ✗ 4. Shiladitya

Q.47 Jon ranked 24^{th} from the top and 16^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✓ 1. 39
- ✗ 2. 40
- ✗ 3. 38
- ✗ 4. 37

Q.48 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✗ 1. PS - NQ
- ✗ 2. EH - CF
- ✗ 3. KN - IL
- ✓ 4. GJ - FK

Q.49 The sides of a rectangular field are 11 m and 14 m long. Its area is equal to the area of a circular field. What is the circumference (in m) of the circular field?

Take $\pi = \frac{22}{7}$

Ans

✗ 1. 19

✓ 2. 44

✗ 3. 85

✗ 4. 79

Q.50 The concept of Lok Adalat draws inspiration from the _____.

Ans

✓ 1. ancient Indian dispute resolution

✗ 2. Roman legal system

✗ 3. American arbitration system

✗ 4. British jury system

Q.51 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) € 3 © 3 $ % % 5 5 £ € 4 * € 3 7 5 & 8 2 5 * (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans

✓ 1. 2

✗ 2. 1

✗ 3. 4

✗ 4. 3

Q.52 In March 2025, which day was celebrated to promote the use of generic medicines?

Ans

✗ 1. Generic Drug Day

✗ 2. Health Security Day

✓ 3. Jan Aushadhi Diwas

✗ 4. Bharat Medicine Day

Q.53 Which transport system is most efficient in terms of energy consumption per tonne-km in India?

Ans

✗ 1. Railways

✓ 2. Inland waterways

✗ 3. Airways

✗ 4. Roadways

Q.54 The angle of elevation of the top of a hill from a point on the ground is 60°. If the hill is 171 m high, find the distance from the given point to the top of the hill.

Ans

✗ 1. $171\sqrt{2}$ m

✗ 2. $114\sqrt{2}$ m

✗ 3. 342 m

✓ 4. $114\sqrt{3}$ m

Q.55 I, J, K, L, M, N and R are sitting around a circular table facing the centre of the table. K sits fourth to the right of L. Only two people sit between M and I when counted from the left of M. J sits third to the left of R. N is an immediate neighbour of R and I. How many people between K and N when counted from the left of N?

Ans
- ✗ 1. Two
- ✓ 2. Four
- ✗ 3. One
- ✗ 4. Three

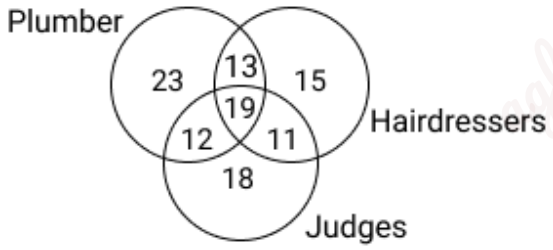
Q.56 Mr. Y starts from Point B and drives 4 km towards the south. He then takes a left turn, drives 7 km, turns right and drives 7 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 11 km and stops at Point A. How far (shortest distance) and towards which direction should he drive in order to reach Point B again? (All turns are 90 degree turns only unless specified.)

Ans
- ✗ 1. 7 km towards the south
- ✓ 2. 16 km towards the west
- ✗ 3. 11 km towards the north
- ✗ 4. 16 km towards the east

Q.57 X is directly proportional to A^2 and A is inversely proportional to Y. If X is 39 when Y is 20, find X when Y is 2.

Ans
- ✗ 1. 3902
- ✗ 2. 3901
- ✗ 3. 3897
- ✓ 4. 3900

Q.58 Study the given Venn diagram carefully and answer the question that follows.



The numbers in different sections indicate the number of persons. How many plumbers are there who are also hairdressers and judges?

Ans
- ✗ 1. 11
- ✗ 2. 12
- ✗ 3. 23
- ✓ 4. 19

Q.59 In March 2025, NITI Aayog released the 'Trade Watch – Quarterly (July-September [Q2] FY25)' report. According to this report, which of the following commodities entered India's top ten imports due to rising infrastructure demand?

Ans
- ✗ 1. Zinc
- ✓ 2. Copper
- ✗ 3. Nickel
- ✗ 4. Aluminium

Q.60 The first Law Commission in India was headed by _____.

Ans
- ✗ 1. Lord Hastings
- ✓ 2. Lord Macaulay
- ✗ 3. Lord Cornwallis
- ✗ 4. Sir Elijah Impey

Q.61 3 years ago from now, the age of father was 30 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

Ans

✗ 1. 23

✗ 2. 24

✗ 3. 29

✓ 4. 27

Q.62 A right triangle with sides 56 cm, 42 cm and 70 cm is rotated about the side of 56 cm to form a cone. The total surface area (in cm^2) of the cone so formed is:

Ans

✗ 1. 3446π

✓ 2. 4704π

✗ 3. 7056π

✗ 4. 5760π

Q.63 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GEB IGD KIF MKH ?

Ans

✓ 1. OMJ

✗ 2. OMI

✗ 3. ONJ

✗ 4. ONI

Q.64 A person saves 50% of his income. If his expenditure is ₹320, then his income (in ₹) is:

Ans

✗ 1. 160

✓ 2. 640

✗ 3. 680

✗ 4. 600

Q.65 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 2614759, what will be the sum of the digits which are sixth from the left and first from the right in the new number thus formed?

Ans

✗ 1. 10

✗ 2. 14

✓ 3. 12

✗ 4. 6

Q.66 After allowing a discount of 76%, the value of a ceiling fan is ₹3,330. If no discount is allowed, then the shopkeeper gains 50%. Find the cost price (in ₹) of the ceiling fan.

Ans

✗ 1. 9,247

✗ 2. 9,248

✗ 3. 9,252

✓ 4. 9,250

Q.67 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

127 ÷ 5 + 707 × 7 − 38 = ?

Ans

✓ 1. 572

✗ 2. 576

✗ 3. 571

✗ 4. 575

Q.68 **Which of the following countries will now co-host the rescheduled 2026 Rugby League World Cup along with Australia?**

Ans

✗ 1. Fiji

✗ 2. Samoa

✓ 3. Papua New Guinea

✗ 4. Tonga

Q.69 **Judicial review is essential to:**

Ans

✗ 1. increase executive powers

✓ 2. uphold the supremacy of the Constitution

✗ 3. reduce the workload of courts

✗ 4. replace parliamentary sovereignty

Q.70 **In 1892, the Indian National Congress passed a significant resolution at its Allahabad Session, which was a demand for the inclusion of Indians in which of the following?**

Ans

✗ 1. Civil Services

✗ 2. Provincial Assemblies

✓ 3. Legislative Council

✗ 4. Viceroy's Council

Q.71 **Which of the following is not an 'Avanaddha Vadya'?**

Ans

✗ 1. Tabla

✗ 2. Damru

✗ 3. Dhol

✓ 4. Manjira

Q.72 **E, X, P, A, N, and D live on six different floors of the same building. Only one person lives above D. Only A lives below P. E lives on an even numbered floor. X lives on a floor above D.**
How many people live below N?

Ans

✓ 1. Two

✗ 2. Three

✗ 3. Zero

✗ 4. One

Q.73 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	F	T	E	P	A	U	X
Code	7	$	@	9	2	%	6

Conditions:

1. If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.
2. If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.
3. If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.
4. If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?

EPTFU

Ans

✗ 1. @ 9 7 7 %

✗ 2. @ 9 W W %

✓ 3. @ 9 $ $ %

✗ 4. @ $ $ 7 %

Q.74 Consider the following statements regarding the Five-Year Plans of India. Which of these statements is/are correct?
1. The First Five-Year Plan was based on the Harrod-Domar model and it prioritised agricultural development to address food security.
2. The Second Five-Year Plan, known as the Mahalanobis Plan, focussed on rapid industrialisation.

Ans

✗ 1. Neither Statement 1 nor Statement 2

✓ 2. Both Statement 1 and Statement 2

✗ 3. Statement 2 only

✗ 4. Statement 1 only

Q.75 UB 15 is related to SF 11 in a certain way. In the same way, IO 8 is related to GS 4. To which of the given options is EL 3 related, following the same logic?

Ans

✓ 1. CP −1

✗ 2. ED −5

✗ 3. RD −7

✗ 4. BD −9

Q.76 A chord AB is drawn in a circle with centre O and radius 6 cm. If the shortest distance between the centre and the chord is 4.5 cm, then find the length of chord AB.

Ans

✗ 1. $2\sqrt{7}$ cm

✗ 2. $4\sqrt{7}$ cm

✓ 3. $3\sqrt{7}$ cm

✗ 4. $\sqrt{7}$ cm

Q.77 Arijit Singh received the Padma Shri in 2025 in which of the following fields?

Ans

✗ 1. Sports

✓ 2. Art

✗ 3. Social Work

✗ 4. Literature

Q.78 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 8 3 1 4 6 # 6 4 6 * % & $ @ 9 1 % 1 % # £ (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✗ 1. 2
- ✗ 2. 4
- ✗ 3. 5
- ✓ 4. 3

Q.79 Which method CANNOT be used to create a new slide in MS PowerPoint 365?

Ans
- ✗ 1. Pressing Ctrl + M
- ✗ 2. Clicking 'New Slide' on the Home tab
- ✗ 3. Right-clicking in the slide sorter pane and selecting 'New Slide'
- ✓ 4. Pressing Ctrl + N

Q.80 If you want to save a workbook in MS Excel 365 so that only viewing is allowed and editing is restricted, which feature should you use?

Ans
- ✓ 1. Read-Only Mode
- ✗ 2. Print Layout
- ✗ 3. Read Aloud
- ✗ 4. Freeze Panes

Q.81 Which keyboard shortcut opens the Print dialog box in MS Excel 365?

Ans
- ✗ 1. Ctrl + S
- ✗ 2. Ctrl + N
- ✗ 3. Ctrl + O
- ✓ 4. Ctrl + P

Q.82 The average of first 12 natural numbers is:

Ans
- ✗ 1. 6
- ✓ 2. 6.5
- ✗ 3. 7
- ✗ 4. 7.5

Q.83 In a certain code language,
'A + B' means 'A is the mother of B',
'A – B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

How is M related to Q if 'M – N + O ÷ P × Q'?

Ans
- ✗ 1. Wife's mother's brother
- ✓ 2. Wife's father's mother's brother
- ✗ 3. Wife's mother's father
- ✗ 4. Wife's father's father

Q.84 According to the IMF's April 2025 Global Financial Stability Report, how much did global stock returns decline on average during major geopolitical risk events?

Ans
- ✗ 1. 1.5%
- ✗ 2. 2.5%
- ✓ 3. 01%
- ✗ 4. 3.2%

Q.85 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 $ 7 & 3 Ω 9 # 1 8 £ 6 @ & % 4 6 @ * 4 5 (Right)

How many such symbols are there each of which is immediately preceded by an even number and also immediately followed by an odd number?

Ans
- ✗ 1. Two
- ✗ 2. Four
- ✓ 3. One
- ✗ 4. Three

Q.86 Find the simple interest (in ₹) on ₹900 at an interest rate of 6% per month in 12 months.

Ans
- ✗ 1. 108
- ✓ 2. 648
- ✗ 3. 54
- ✗ 4. 74

Q.87 By selling an article for ₹112, a man loses 30%. At what price (in ₹) should he sell it to gain 15%?

Ans
- ✓ 1. 184
- ✗ 2. 194
- ✗ 3. 174
- ✗ 4. 204

Q.88 What was the theme of the 8th Indian Ocean Conference?

Ans
- ✓ 1. Voyage to New Horizons of Maritime Partnership
- ✗ 2. Sustainable Development in the Indian Ocean
- ✗ 3. Maritime Security and Cooperation
- ✗ 4. Blue Economy and Regional Integration

Q.89 In a certain code language, 'eat healthy food' is coded as 'xy zd uv' and 'food is essential' is coded as 'uv aq bc'. How is 'food' coded in the given language?

Ans
- ✗ 1. aq
- ✗ 2. xy
- ✓ 3. uv
- ✗ 4. zd

Q.90 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: LQT :: ZEH : %

Ans
- ✗ 1. # = ODW, % = OIE
- ✗ 2. # = OHD, % = LDK
- ✓ 3. # = OTW, % = WBE
- ✗ 4. # = LKO, % = WYE

Q.91 What should come in place of the question mark (?) in the given series?

201, 200, 197, 192, 185, ?

Ans
- ✓ 1. 176
- ✗ 2. 184
- ✗ 3. 187
- ✗ 4. 185

Q.92 In May 2025, which state / union territory Cabinet approved ₹3.21 crore to conduct five cloud-seeding trials for combating the air pollution?

Ans

✗ 1. Bihar

✗ 2. Chandigarh

✗ 3. Haryana

✓ 4. Delhi

Q.93 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: KSM :: OWQ : %

Ans

✗ 1. # = LTM, % = NVP

✗ 2. # = LTN, % = NUP

✓ 3. # = LTN, % = NVP

✗ 4. # = LTN, % = NVO

Q.94 The downstream speed is 41 km/hr and the upstream speed is 20.5 km/hr. It takes a boat a total of 13 hours to go to a place and come back. What is the total distance travelled by the boat?

Ans

✗ 1. $\frac{529}{4}$ km

✗ 2. $\frac{1086}{3}$ km

✗ 3. $\frac{533}{3}$ km

✓ 4. $\frac{1066}{3}$ km

Q.95 Which of the following statements regarding the National Mission on Edible Oils - Oil Palm (NMEO-OP) is/are correct?

1. A new Centrally Sponsored Scheme, namely, National Mission on Edible Oils - Oil Palm (NMEO-OP) was launched by the Government of India in 2021.
2. It aims to promote oil palm cultivation for making the country Aatma Nirbhar in edible oils with special focus on North-Eastern States and A&N Islands.
3. The Mission aims to bring additional area of 6.5 lakh ha under Oil Palm plantation in the next 5 years, from 2025-26 to 2030-31.

Ans

✗ 1. Only 2 and 3

✓ 2. Only 1 and 2

✗ 3. Only 2

✗ 4. 1, 2 and 3

Q.96 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. R sits third to the left of Q. P sits second to the left of T. Both U and P are immediate neighbours of Q. V is not an immediate neighbour of R. How many people live between T and U when counted from the left of T?

Ans

✓ 1. 3

✗ 2. 1

✗ 3. 4

✗ 4. 2

Q.97 The average of eight numbers is 124. Find the least number if it is one-sixteenth of the sum of the numbers.

Ans

✗ 1. 64

✗ 2. 65

✓ 3. 62

✗ 4. 63

Q.98 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

IPK PWR WDY DKF ?

Ans

✗ 1. RKM

✗ 2. KMR

✓ 3. KRM

✗ 4. RMK

Q.99 C is the third proportional of 57 and B. If B is the sum of the first three even natural numbers, then find the value of C.
(Rounded off to two decimal places)

Ans

✓ 1. 2.53

✗ 2. 1.33

✗ 3. 0.65

✗ 4. 0.07

Q.100 A can do a certain work at the same time in which B and C together can do it. If A and B together can do it in 7 days and C alone in 9 days, then B alone can do it in _____ days.

Ans

✗ 1. 252

✓ 2. 63

✗ 3. 189

✗ 4. 126

Test Date	10/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Who won the 2024 Nobel Peace Prize for their significant contributions to global peace and disarmament efforts?**

Ans
✔ 1. Nihon Hidankyo
✘ 2. Antonio Guterres
✘ 3. Greta Thunberg
✘ 4. Al Gore

Q.2 **What type of shrine is the Neeramankara Temple located in Nemam, Kerala, in India known to be?**

Ans
✘ 1. Nirandhara type
✘ 2. Sarvatobhadra type
✔ 3. Sandhara type
✘ 4. Mandapa type

Q.3 **C is the third proportional of 44 and B. If B is the sum of the first three even natural numbers, then find the value of C.**
(Round off your answer to two decimal places)

Ans
✔ 1. 3.27
✘ 2. 0.98
✘ 3. 1.98
✘ 4. 4.58

Q.4 **According to the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau, what was the employment rate for women with vocational training?**

Ans
✔ 1. 36.2%
✘ 2. 52.6%
✘ 3. 46.3%
✘ 4. 41.1%

Q.5 **Rajesh ranked 17th from the top and 44th from the bottom in his class. How many students are there in his class?**

Ans
✘ 1. 61
✔ 2. 60
✘ 3. 59
✘ 4. 62

Q.6 O, P, Q, R, S, T and X are sitting around a circular table facing the centre of the table. Only one person sits between Q and X when counted from the left of X. P sits third to the right of R. O sits third to the left of T. P sits to the immediate right of O. S is not an immediate neighbour of O. How many people sit between S and X when counted from the right of S?

Ans
- ✗ 1. Two
- ✗ 2. One
- ✓ 3. Three
- ✗ 4. Four

Q.7 Which city hosted the QS Higher Ed Summit: Middle East in April 2025?

Ans
- ✗ 1. Riyadh, Saudi Arabia
- ✗ 2. Doha, Qatar
- ✓ 3. Kuwait City, Kuwait
- ✗ 4. Dubai, UAE

Q.8 What happens if a user tries to rename a file to the same name as an existing file in the same folder?

Ans
- ✗ 1. The file extension is automatically changed.
- ✗ 2. Windows merges the contents of both files.
- ✓ 3. Windows displays an error: *"A file with this name already exists."*
- ✗ 4. Windows appends a number to the new filename (e.g., Document (2).txt).

Q.9 Which of the following best describes the 'Gutter' margin in MS Word 2019?

Ans
- ✗ 1. The space at the top of the page for a header
- ✗ 2. The blank space on all four sides of the page
- ✓ 3. Extra space added for document binding
- ✗ 4. A margin applied only to odd-numbered pages

Q.10 Effective Revenue Deficit was introduced in the government budgeting during which year?

Ans
- ✗ 1. 2003-04
- ✗ 2. 2008-09
- ✗ 3. 2015-16
- ✓ 4. 2011-12

Q.11 Two pipes can fill a cistern, individually, in 98 min and 28 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 21 min. How long will the pipe at the bottom of the cistern take to empty the completely filled cistern if no other pipe is then open?

Ans
- ✗ 1. 583 min
- ✗ 2. 606 min
- ✓ 3. 588 min
- ✗ 4. 577 min

Q.12 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

173 ÷ 3 − 135 × 5 + 17 = ?

Ans
- ✓ 1. 529
- ✗ 2. 528
- ✗ 3. 527
- ✗ 4. 530

Q.13 How much of OECD sovereign debt is set to mature by 2027, according to the Global Debt Report 2025?

Ans

✗ 1. 65%

✓ 2. 45%

✗ 3. 55%

✗ 4. 50%

Q.14 If α and β are the roots of the quadratic equation $y^2 - 9y + 8 = 0$, then find the value of $\alpha + \beta - \alpha\beta$.

Ans

✗ 1. 4

✓ 2. 1

✗ 3. 3

✗ 4. 2

Q.15 If the ratio of two numbers is 18 : 5 and the product of their LCM and their HCF is 360, then the sum of the reciprocals of the LCM and the HCF is:

Ans

✓ 1. $\frac{91}{180}$

✗ 2. $\frac{91}{185}$

✗ 3. $\frac{91}{204}$

✗ 4. $\frac{91}{193}$

Q.16 Gopal gets a 2% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,83,600. What was his sale (in ₹) two years ago?

Ans

✓ 1. 1,50,000

✗ 2. 1,80,000

✗ 3. 1,53,000

✗ 4. 1,30,000

Q.17 This question is based on the five, three-digit numbers given below.

(Left) 611 733 279 265 370 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

Ans

✗ 1. 4

✓ 2. 5

✗ 3. 6

✗ 4. 8

Q.18 Which statement is correct with reference to Neptunium?

Ans

✓ 1. It is a naturally occurring element found in pitchblende.

✗ 2. It is non-reactive element.

✗ 3. It is stable element.

✗ 4. It was known during Mendeleev's time.

Q.19 A cube of side 10 cm is cut into cubes of side 2 cm. Calculate the total surface area (in cm^2) of all the small cubes:

Ans
- ✔ 1. 3000
- ✘ 2. 3008
- ✘ 3. 3002
- ✘ 4. 3010

Q.20 The simplified value of 118 - 5 × (10 + 20) + 55 is:

Ans
- ✘ 1. 17
- ✔ 2. 23
- ✘ 3. 33
- ✘ 4. 20

Q.21 Two numbers are respectively 30% and 18% more than a third number. The ratio of the two numbers is:

Ans
- ✘ 1. 55 : 64
- ✘ 2. 58 : 63
- ✔ 3. 65 : 59
- ✘ 4. 73 : 74

Q.22 Which body primarily exercises the powers delegated through Article 243W of the Indian Constitution?

Ans
- ✘ 1. State Legislature
- ✔ 2. Municipal Corporations
- ✘ 3. Panchayati Raj Institutions
- ✘ 4. Parliament of India

Q.23 CSVG is related to GOZC in a certain way based on the English alphabetical order. In the same way, KKDY is related to OGHU. To which of the given options is SCLQ related, following the same logic?

Ans
- ✘ 1. VZPL
- ✔ 2. WYPM
- ✘ 3. WZOL
- ✘ 4. XYQN

Q.24 As of 28 March 2025, approximately how many farmer IDs have been generated under the Digital Agriculture Mission in India?

Ans
- ✔ 1. 4.85 crore
- ✘ 2. 3.50 crore
- ✘ 3. 1.25 crore
- ✘ 4. 4.10 crore

Q.25 The median of the observations 49, 91, 24, 46, 90, 20, 21, 14, 66, 32 and 92 is:

Ans
- ✔ 1. 46
- ✘ 2. 24
- ✘ 3. 49
- ✘ 4. 32

Q.26 In March 2025, who became the first Indian to receive the Ramsar Award for 'Wetland Wise Use'?

Ans
- ✗ 1. Medha Patkar
- ✗ 2. Vandana Shiva
- ✓ 3. Jayshree Vencatesan
- ✗ 4. Sunita Narain

Q.27 What will the amount after 1 year be, if ₹2,400 is invested at 20% compound interest per annum, compounded half-yearly?

Ans
- ✗ 1. ₹2,460
- ✓ 2. ₹2,904
- ✗ 3. ₹3,071
- ✗ 4. ₹2,950

Q.28 If a hemisphere of radius 3 cm is fitted inside a cuboid and then water is filled inside the cuboid, the amount of water (in cm^3) present in the cuboid is:

(Take $\pi = 3.14$)

Ans
- ✗ 1. 57.64
- ✗ 2. 49.81
- ✓ 3. 51.48
- ✗ 4. 55.28

Q.29 A man covers distances of 100 km, 408 km, and 1460 km at the speeds of 20 km/hr, x km/hr, and 20 km/hr, respectively. If his average speed for the whole journey is 20 km/hr, then what is the value of x?

Ans
- ✗ 1. 22
- ✗ 2. 25
- ✓ 3. 20
- ✗ 4. 15

Q.30 Which tree is commonly found throughout the plains of the Thar Desert?

Ans
- ✓ 1. Khejri
- ✗ 2. Sal
- ✗ 3. Neem
- ✗ 4. Teak

Q.31 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	L	M	E	P	A	U	X
Code	7	$	@	9	2	%	6

Conditions:

1. If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.
2. If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.
3. If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.
4. If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?

APUXR

Ans

✗ 1. 2 9 % 6 4

✗ 2. Q 9 % 6 Q

✗ 3. 2 9 % 6 2

✓ 4. 4 9 % 6 2

Q.32 5 is related to 35 following a certain logic. Following the same logic, 2 is related to 14. To which of the following is 9 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans

✓ 1. 63

✗ 2. 61

✗ 3. 65

✗ 4. 67

Q.33 One pipe can fill the tank in 8 minutes while another pipe can empty the completely filled tank in 11 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill three-fourth of the tank?

Ans

✓ 1. 22

✗ 2. 45

✗ 3. 44

✗ 4. 23

Q.34 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between F and G. Only three boxes are kept between F and B. B is kept in some place above G. E is kept immediately below B. A is kept in one of the places above D. C is not kept immediately above or below F. How many boxes are kept below A?

Ans

✓ 1. 2

✗ 2. 4

✗ 3. 1

✗ 4. 3

Q.35 This question is based on the five, three-digit numbers given below.

(Left) 388 739 783 483 785 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

Ans
- ✗ 1. 0
- ✓ 2. 1
- ✗ 3. 2
- ✗ 4. 4

Q.36 Which tier of the Panchayati Raj system in India is involved in governing the entire district?

Ans
- ✓ 1. Zila Parishad
- ✗ 2. Block Samiti
- ✗ 3. Village Panchayat
- ✗ 4. Gram Sabha

Q.37 In a certain code language,
'A + B' means 'A is the mother of B',
'A – B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M – N × O ÷ P + Q'?

Ans
- ✓ 1. Mother's Mother's Brother
- ✗ 2. Father's Brother
- ✗ 3. Mother's Father
- ✗ 4. Father's Father

Q.38 Find the value of $3\sqrt{8a^2-4a+1} + 17a$, when $a = 2$.

Ans
- ✗ 1. 42
- ✓ 2. 49
- ✗ 3. 53
- ✗ 4. 46

Q.39 In the context of India's population distribution, the term physiological density refers to population per _____.

Ans
- ✓ 1. unit of arable land
- ✗ 2. hospital bed
- ✗ 3. household
- ✗ 4. doctor

Q.40 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

CJL 11, DKM 15, ELN 19, FMO 23, ?

Ans
- ✗ 1. QNO 27
- ✗ 2. TXU 26
- ✗ 3. TUY 26
- ✓ 4. GNP 27

Q.41 In which year was the World Trade Organization, which has promoted globalisation across nations, established?

Ans
- ✔ 1. 1995
- ✘ 2. 2001
- ✘ 3. 2000
- ✘ 4. 1991

Q.42 In December 2024, which nationwide movement was launched to promote cycling as a sustainable and inclusive fitness activity?

Ans
- ✘ 1. Fit India Pedal Mission
- ✘ 2. Cycle for Bharat Campaign
- ✘ 3. Ride for Health India
- ✔ 4. Fit India Sundays on Cycle

Q.43 Who among the following won the gold medal in the compound mixed team event at the Archery World Cup 2025 Stage 1?

Ans
- ✘ 1. Jyothi Surekha Vennam and Abhishek Verma
- ✘ 2. Rishabh Yadav and Ankita Bhakat
- ✔ 3. Jyothi Surekha Vennam and Rishabh Yadav
- ✘ 4. Deepika Kumari and Atanu Das

Q.44 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged, and '×' and '÷' are interchanged?

87 × 3 ÷ 4 + 12 – 30 = ?

Ans
- ✔ 1. 134
- ✘ 2. 145
- ✘ 3. 122
- ✘ 4. 144

Q.45 Which of the following statements about the National Mission on Natural Farming (NMNF), launched in 2024, is/are correct?

1. The total approved outlay of NMNF till 2025-26 is ₹1,000 crore.
2. The mission supports the establishment of Bio-input Resource Centres for providing Natural Farming inputs.

Ans
- ✘ 1. Neither 1 nor 2
- ✘ 2. Only 1
- ✔ 3. Only 2
- ✘ 4. Both 1 and 2

Q.46 Which tab in MS Word 365 contains options to change page margins, orientation and size?

Ans
- ✘ 1. Review
- ✘ 2. Insert
- ✘ 3. Home
- ✔ 4. Layout

Q.47 A tangent is drawn from point P to a circle with centre O. The radius of the circle is 7 cm, and the distance from point P to the centre O is 25 cm. What is the length of the tangent from point P to the point of tangency?

Ans
- ✔ 1. 24 cm
- ✘ 2. 27 cm
- ✘ 3. 31 cm
- ✘ 4. 21 cm

Q.48 **Which principle of citizenship did India start following more strictly after the 2003 Amendment?**

Ans

✗ 1. Dual citizenship

✗ 2. Jus soli (by birth)

✗ 3. Universal citizenship

✓ 4. Jus sanguinis (by blood)

Q.49 **If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7481652, what will be the difference between the first digit from the left and the first digit from the right in the new number thus formed?**

Ans

✗ 1. 6

✗ 2. 2

✗ 3. 4

✓ 4. 8

Q.50 **A large number of terracotta toys were found at which site of the Indus Valley Civilization?**

Ans

✓ 1. Mohenjodaro

✗ 2. Rakhigarhi

✗ 3. Kalibangan

✗ 4. Lothal

Q.51 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:
All cars are old.
Some old are new.
Some new are red.

Conclusions:
(I) All old are cars.
(II) Some new are old.

Ans

✗ 1. Both conclusions (I) and (II) follow.

✗ 2. Neither conclusion (I) nor (II) follows.

✗ 3. Only conclusion (I) follows.

✓ 4. Only conclusion (II) follows.

Q.52 **Which bank of India has been awarded the Digital Transformation Award 2025 for digital initiatives—Pravaah and Sarthi by Central Banking, London, United Kingdom?**

Ans

✗ 1. State Bank of India

✗ 2. Bandhan Bank

✓ 3. Reserve Bank of India

✗ 4. Punjab National Bank

Q.53 **Which of the following best encapsulates the fundamental difference between the von Neumann and Harvard architectures in computer systems?**

Ans

✗ 1. The von Neumann architecture is primarily used in modern microcontrollers, while the Harvard architecture is prevalent in general-purpose computers.

✓ 2. The Harvard architecture allows simultaneous fetching of instructions and data, potentially improving performance, while the von Neumann architecture typically fetches them sequentially from the same memory space.

✗ 3. The Harvard architecture employs a more complex control unit compared to the von Neumann architecture.

✗ 4. The von Neumann architecture utilises separate address spaces for instructions and data, while the Harvard architecture uses a single address space.

Q.54 Standard base pairing in DNA occurs due to which type of bonding?

Ans
✗ 1. Van Der Waals interactions
✗ 2. Ionic bonding
✓ 3. Hydrogen bonding
✗ 4. Covalent bonding

Q.55 3 years ago from now, the age of father was 14 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

Ans
✗ 1. 12
✗ 2. 14
✗ 3. 8
✓ 4. 11

Q.56 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FCA HEC JGE LIG ?

Ans
✓ 1. NKI
✗ 2. NKJ
✗ 3. NLJ
✗ 4. NLI

Q.57 Which region is NOT part of the outer boundary of the Peninsular Plateau?

Ans
✗ 1. Delhi Ridge
✗ 2. Rajmahal Hills
✗ 3. Gir Range
✓ 4. Himalayas

Q.58 A retailer offers the following discount schemes for buyers on an article.
I. Two successive discounts of 27%.
II. A discount of 36% followed by a discount of 45%.
III. Successive discounts of 19% and 32%.
IV. A discount of 34% followed by a discount of 7%.
Which scheme will fetch the maximum selling price?

Ans
✗ 1. III
✗ 2. I
✓ 3. IV
✗ 4. II

Q.59 What should come in place of the question mark (?) in the given series?

502 500 496 490 482 ?

Ans
✓ 1. 472
✗ 2. 471
✗ 3. 469
✗ 4. 468

Q.60 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ 1. BJ-FZ
✗ 2. HP-LF
✓ 3. GO-KF
✗ 4. TB-XR

Q.61 The average of three numbers is 23. If two of them are 11 and 26, the third number is:

Ans

✗ 1. 31

✗ 2. 33

✓ 3. 32

✗ 4. 34

Q.62 Anil bought the first pen for ₹100 and the second pen for ₹160, respectively. He sells the first pen at 15% of the profit but the buyer bargains for the price, and he has to offer a 29% discount and the second pen at 58% of the profit. Find the total profit he had in this transaction (correct to two decimal places).

Ans

✗ 1. ₹74.26

✓ 2. ₹74.45

✗ 3. ₹77.75

✗ 4. ₹72.91

Q.63 What was the poverty rate in India in 2019-21, according to the India National Multidimensional Poverty Index, 2023?

Ans

✗ 1. 22.67%

✗ 2. 16.23%

✗ 3. 24.58%

✓ 4. 14.96%

Q.64 The equivalent fraction of 2.777... is:

Ans

✗ 1. $\frac{28}{11}$

✗ 2. $\frac{29}{3}$

✗ 3. $\frac{21}{2}$

✓ 4. $\frac{25}{9}$

Q.65 The downstream speed is 22 km/hr and the upstream speed is 5.5 km/hr. It takes a boat a total of 8 hours to go to a place and come back. What is the total distance travelled by the boat?

Ans

✗ 1. $\frac{366}{5}$ km

✓ 2. $\frac{352}{5}$ km

✗ 3. $\frac{176}{5}$ km

✗ 4. $\frac{172}{6}$ km

Q.66 Which of the following companies built Fort St George in Chennai in the 1640s and later established the Madras Presidency in 1684?

Ans

✓ 1. British East India Company

✗ 2. Portuguese East India Company

✗ 3. Spanish East India Company

✗ 4. Genoese East India Company

Q.67 Each of J, K, L, M, N, O and P has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only two people have exams before P. Only one person has an exam after L. Only three people have exams between P and J. Only one person has an exam between K and L. O has an exam immediately after M. How many people have exams between M and N?

Ans
- ✗ 1. Four
- ✗ 2. Two
- ✗ 3. One
- ✓ 4. Three

Q.68 What is the primary objective of the Shri S Ramakrishnan Centre of Excellence in Fluid and Thermal Science Research 2025, at IIT Madras?

Ans
- ✗ 1. To enhance India's capabilities in satellite navigation systems
- ✗ 2. To establish a research hub for space-related medical research
- ✓ 3. To tackle complex thermal challenges in space applications
- ✗ 4. To develop advanced propulsion systems for launch vehicles

Q.69 Town A is to the south of Town B. Town C is to the east of Town B. Town D is to the west of Town C. Town E is to the north of Town D. Town A is to the south-east of Town E. What is the position of Town B with respect to Town D?

Ans
- ✓ 1. East
- ✗ 2. South
- ✗ 3. West
- ✗ 4. North

Q.70 By selling an article for ₹112, a man loses 20%. At what price (in ₹) should he sell it to gain 50%?

Ans
- ✗ 1. 220
- ✓ 2. 210
- ✗ 3. 200
- ✗ 4. 230

Q.71 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

FB-ID-KM
JF-MH-OQ

Ans
- ✓ 1. MI-PK-RT
- ✗ 2. NI-PL-RU
- ✗ 3. MI-PK-RU
- ✗ 4. NI-PK-RU

Q.72 In a certain code language, 'BORN' is coded as '2468' and 'NEST' is coded as '1327'. What is the code for 'N' in the given code language?

Ans
- ✗ 1. 7
- ✓ 2. 2
- ✗ 3. 8
- ✗ 4. 1

Q.73 Which of the following architectures has been built in the 'Charbagh' style?

Ans
- ✓ 1. Taj Mahal
- ✗ 2. Gumbaj of Bijapur
- ✗ 3. Quwwat-ul-Islam mosque
- ✗ 4. Qutub Minar

Q.74 **Mr. I starts from Point M and drives 5 km towards the south. He then takes a right turn, drives 8 km, turns left and drives 7 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 12 km and stops at Point N. How far (shortest distance) and towards which direction should he drive in order to reach Point M again? (All turns are 90 degree turns only unless specified.)**

Ans
- ✗ 1. 4 km towards the east
- ✗ 2. 12 km towards the north
- ✗ 3. 5 km towards the south
- ✓ 4. 4 km towards the west

Q.75 If $\sin A = \frac{3}{4}$, then calculate $\frac{2\cos A}{\sqrt{7}}$.

Ans
- ✗ 1. $\frac{\sqrt{7}}{2}$
- ✗ 2. $\frac{\sqrt{7}}{4}$
- ✓ 3. $\frac{1}{2}$
- ✗ 4. $\frac{1}{4}$

Q.76 **Which Article of the Constitution of India states about the directive for states to make provision for public assistance in cases of unemployment?**

Ans
- ✗ 1. Article 42
- ✗ 2. Article 39
- ✗ 3. Article 40
- ✓ 4. Article 41

Q.77 **P is any point inside the rectangle ABCD. If PA = 69 cm, PB = 27 cm and PC = 38 cm, then the length of PD (in cm) is:**

Ans
- ✗ 1. 70
- ✗ 2. 72
- ✗ 3. 78
- ✓ 4. 74

Q.78 **Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month in 1 month.**

Ans
- ✗ 1. 6
- ✓ 2. 36
- ✗ 3. 23
- ✗ 4. 3

Q.79 **Who among the following was an old zamindar from Bihar who joined the rebel sepoys during the Revolt of 1857 and battled with the British for many months?**

Ans
- ✗ 1. Bakht Khan
- ✗ 2. Tantia Tope
- ✓ 3. Kunwar Singh
- ✗ 4. Ahmadullah Shah

Q.80 If $x + \frac{1}{x} = 4$, then the value of $x^3 + \frac{1}{x^3}$ is:

Ans
- ✔ 1. 52
- ✘ 2. 134
- ✘ 3. 151
- ✘ 4. 39

Q.81 **Which revolution in India is associated with the growth of the fishing industry?**

Ans
- ✘ 1. Green Revolution
- ✘ 2. White Revolution
- ✘ 3. Yellow Revolution
- ✔ 4. Blue Revolution

Q.82 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ 1. BZ−WU
- ✘ 2. YW−TR
- ✔ 3. MK−GH
- ✘ 4. KI−FD

Q.83 **A person who spends 33% of his monthly income is able to save ₹6,298 per month. His monthly expenses (in ₹) are:**

Ans
- ✘ 1. 3,195
- ✘ 2. 3,083
- ✔ 3. 3,102
- ✘ 4. 3,024

Q.84 **What is the primary objective of the Railways (Amendment) Bill, 2024?**

Ans
- ✔ 1. To merge the Indian Railway Board Act, 1905 into the Railways Act, 1989
- ✘ 2. To privatise the Indian Railways
- ✘ 3. To introduce high-speed bullet trains across India
- ✘ 4. To establish a new ministry for railway operations

Q.85 **The average height of 15 boys out of a class of 50 is 163 cm. If the average height of the remaining boys is 165 cm, the average height (in cm) of all the boys of the class is:**

Ans
- ✔ 1. 164.4
- ✘ 2. 165
- ✘ 3. 164
- ✘ 4. 165.4

Q.86 **The mean and the mode of a data set are 51.5 and 61.7, respectively. Find the median of the data set, using the empirical formula.**

Ans
- ✘ 1. 55.4
- ✘ 2. 56.1
- ✘ 3. 54.3
- ✔ 4. 54.9

Q.87 A compound has an empirical formula CH_2 and a molar mass of 56 g/mol. Its molecular formula is:

Ans
- ✗ 1. C_2H_4
- ✗ 2. C_3H_6
- ✗ 3. CH_2
- ✓ 4. C_4H_8

Q.88 WR 21 is related to ZS 6 in a certain way. In the same way, GV 11 is related to JW −4. To which of the given options is UE 5 related, following the same logic?

Ans
- ✗ 1. NM −7
- ✓ 2. XF −10
- ✗ 3. FV −6
- ✗ 4. VW −9

Q.89 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then the resultant of which of the following would be 77?

Ans
- ✗ 1. 42 B 6 C 38 D 18 A 6
- ✓ 2. 42 A 6 D 38 C 18 B 6
- ✗ 3. 42 C 6 B 38 A 18 D 6
- ✗ 4. 42 D 6 A 38 B 18 C 6

Q.90 Which of the following is a key reason for judicial review in India?

Ans
- ✗ 1. To allow the judiciary to make laws
- ✗ 2. To maintain federal balance between Centre and States
- ✗ 3. To ensure the supremacy of the Parliament
- ✓ 4. To protect the supremacy of the Constitution and fundamental rights

Q.91 You have applied a specific character style to several instances of a product name throughout a lengthy MS Word document. If you need to change the font and color of all these instances, what is the most efficient method?

Ans
- ✗ 1. Copying the formatting from one instance using the 'Format Painter' and applying it to others
- ✗ 2. Using the 'Find and Replace' function with formatting options
- ✓ 3. Modifying the definition of the character style
- ✗ 4. Manually selecting each instance and applying the new formatting

Q.92 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only three people sit to the left of P. Only I sits to the right of Q. Only three people sit between Q and K. L sits at some place to the left of J but at some place to the right of O. How many people sit between O and J?

Ans
- ✗ 1. Two
- ✗ 2. Four
- ✗ 3. One
- ✓ 4. Three

Q.93 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 € $ 1 6 8 6 6 € $ # % # * 3 8 3 1 € 6 @ 3 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✗ 1. 4
- ✗ 2. 1
- ✗ 3. 3
- ✓ 4. 2

Q.94 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**
 # : VSQ :: OLJ : %

Ans
✗ 1. # = UZT, % = QMG
✗ 2. # = YOZ, % = LOQ
✓ 3. # = YVT, % = LIG
✗ 4. # = IQT, % = VCG

Q.95 **What should come in place of the question mark (?) in the given series?**

42 57 72 87 102 ?

Ans
✗ 1. 108
✗ 2. 115
✓ 3. 117
✗ 4. 121

Q.96 **Which of the following was NOT a tribal revolt?**

Ans
✗ 1. Tamar Revolts
✗ 2. Kherwar Movement
✗ 3. Santhal Revolt
✓ 4. Farazi Movement

Q.97 **A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.**

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	2	@	9	5	$	&	3	%	#	7	+	4	8	6
Code	D	B	A	M	L	E	C	Q	D	P	R	B	U	K

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
What will be the code for the following group?

@ 3 5 7

Ans
✗ 1. B M M P
✓ 2. P C M B
✗ 3. B C M P
✗ 4. B C C P

Q.98 **Which Indian state has the largest number of tribal communities classified under Particularly Vulnerable Tribal Groups (PVTGs) as of December 2022?**

Ans
✗ 1. Jharkhand
✗ 2. Madhya Pradesh
✓ 3. Odisha
✗ 4. Chhattisgarh

Q.99 **Three persons X, Y, and Z started a business with their shares in the ratio 13 : 20 : 15. After 7 months, Y withdrew his 33% share, while Z withdrew his 24% share 5 months prior to the completion of the year. If the total profit at the end of year is ₹16,100, find the share of Z (in ₹) in the profit.**

Ans

✗ 1. 4,888

✗ 2. 5,250

✗ 3. 5,063

✓ 4. 4,968

Q.100 **Chandragupta Maurya is said to have converted to:**

Ans

✗ 1. Christianity

✓ 2. Jainism

✗ 3. Zoroastrianism

✗ 4. Buddhism

Test Date	10/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **By how much did urban infrastructure investments increase from Fiscal Year 2019 to Fiscal Year 2023?**

Ans
✗ 1. 5%
✓ 2. 10%
✗ 3. 8%
✗ 4. 3%

Q.2 **A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.**

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	F	T	E	P	A	U	X	R
Code	7	$	@	9	2	%	6	4

Conditions:
1. If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.
2. If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.
3. If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.
4. If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?

TAEX

Ans
✗ 1. $ 2 2 6
✗ 2. $ @ @ 6
✓ 3. $ W @ W
✗ 4. $ 2 @ 6

Q.3 **Each of the digits in the number 6954381 is arranged in the descending order from left to right. Which of the following digits will be third from the right?**

Ans
✗ 1. 5
✗ 2. 6
✗ 3. 3
✓ 4. 4

Q.4 What was the vote percentage and number of seats secured by the winning party in the 2024 Haryana Legislative Assembly elections?

Ans
- ✔ 1. 39.94% votes, 48 seats
- ✘ 2. 42.10% votes, 50 seats
- ✘ 3. 44.85% votes, 52 seats
- ✘ 4. 36.49% votes, 48 seats

Q.5 Which two leaders co-chaired the AI Action Summit in Paris in February 2025?

Ans
- ✘ 1. Olaf Scholz and Xi Jinping
- ✘ 2. Rishi Sunak and Narendra Modi
- ✘ 3. Joe Biden and Emmanuel Macron
- ✔ 4. Emmanuel Macron and Narendra Modi

Q.6 What is a major drawback of the parliamentary system in terms of governance stability?

Ans
- ✔ 1. Governments may collapse due to no-confidence motions or coalition disputes.
- ✘ 2. The President can dismiss the Prime Minister at any time.
- ✘ 3. Elections are held only once every decade.
- ✘ 4. The judiciary frequently overrules executive decisions.

Q.7 The median of the observations 71, 95, 67, 55, 78, 45, 58, 44, 69, 41 and 88 is:

Ans
- ✘ 1. 55
- ✘ 2. 69
- ✔ 3. 67
- ✘ 4. 58

Q.8 DTUH is related to BQWK in a certain way based on the English alphabetical order. In the same way, ZNYN is related to XKAQ. To which of the given options is VHCT related, following the same logic?

Ans
- ✘ 1. SFEV
- ✘ 2. SEDX
- ✘ 3. UDFX
- ✔ 4. TEEW

Q.9 Oil and fat containing food items are flushed with nitrogen because it:

Ans
- ✘ 1. Adds nutritional value to the product
- ✘ 2. Removes hydrogen from the packaging
- ✘ 3. Enhances the flavour of the product
- ✔ 4. Removes oxygen from the packaging

Q.10 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some nuts are black.
All black are crows.
All crows are pens.

Conclusions:
(I) All nuts are black.
(II) Some black are crows.

Ans
- ✔ 1. Only conclusion (II) follows.
- ✘ 2. Both conclusions (I) and (II) follow.
- ✘ 3. Neither conclusion (I) nor (II) follows.
- ✘ 4. Only conclusion (I) follows.

Q.11 **In the 2024 Supreme Court case 'Aligarh Muslim University vs Naresh Agarwal (November 2024)', what did the majority of the Court hold regarding the minority status of educational institutions?**

Ans

✔ 1. Institutions created before 1950 can still be considered minority institutions, even if incorporated by statute.

✘ 2. Educational institutions established by statute cannot be considered minority institutions under Article 30(1).

✘ 3. An institution must be entirely managed by the minority community to qualify as a minority institution.

✘ 4. The majority of the judges (4 out of 7 in opinion) of the bench concluded the Azeez Basha case and violated the AMU's minority status.

Q.12 What is the mean of the following distribution?

Marks	19	31	54	69	95
No. of Students	22	35	64	34	57

Ans

✔ 1. 60

✘ 2. 63

✘ 3. 82

✘ 4. 49

Q.13 **The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 10% per annum is ₹407. Find the sum [rounded off to the nearest integer].**

Ans

✔ 1. ₹40,700

✘ 2. ₹40,719

✘ 3. ₹40,680

✘ 4. ₹40,698

Q.14 **Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?**

KN33 JM41 IL49 HK57 ?

Ans

✔ 1. GJ65

✘ 2. GI66

✘ 3. GI65

✘ 4. GJ66

Q.15 **Which of the following acts provided a regular code of all regulations that could be enacted for the internal Government of British India?**

Ans

✔ 1. Pitt's India Act 1784

✘ 2. Charter Act of 1793

✘ 3. Regulating Act 1773

✘ 4. Charter Act of 1813

Q.16 **Due to decrease in manpower, the production in a factory decreases by 10%. By what percentage should the working hours be increased to restore the original production?**

Ans

✘ 1. $16\frac{2}{3}\%$

✘ 2. $8\frac{1}{3}\%$

✔ 3. $11\frac{1}{9}\%$

✘ 4. 10%

Q.17 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
✗ 1. PQ - NO
✗ 2. KL - IJ
✗ 3. GH - EF
✓ 4. MH - IP

Q.18 What should come in place of the question mark (?) in the given series?

301 300 297 292 285 ?

Ans
✗ 1. 275
✓ 2. 276
✗ 3. 273
✗ 4. 277

Q.19 The Singh Sabha movement is associated with which community?

Ans
✗ 1. Hindu
✓ 2. Sikh
✗ 3. Parsi
✗ 4. Muslim

Q.20 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) © 2 © # * 6 € 4 5 3 € 1 1 € 6 7 # 7 4 £ 6 € (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
✗ 1. 3
✗ 2. 2
✗ 3. 0
✓ 4. 1

Q.21 TK 14 is related to YH 5 in a certain way. In the same way, MN 5 is related to RK −4. To which of the given options is SV 0 related, following the same logic?

Ans
✗ 1. WV −7
✗ 2. PR −13
✗ 3. XT −11
✓ 4. XS −9

Q.22 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

121 ÷ 6 + 384 × 3 − 31 =?

Ans
✗ 1. 623
✗ 2. 621
✓ 3. 629
✗ 4. 626

Q.23 Which country held a presidential runoff election on 13 April 2025, resulting in the re-election of President Daniel Noboa?

Ans
- ✔ 1. Ecuador
- ✘ 2. Colombia
- ✘ 3. Bolivia
- ✘ 4. Peru

Q.24 The area of the base of a right circular cone is 3136 π cm^2 and its slant height is 65 cm. The curved surface area of the cone (in cm^2) is:

Ans
- ✔ 1. 3640π
- ✘ 2. 3065π
- ✘ 3. 3460π
- ✘ 4. 3500π

Q.25 Who was the head of the Kayastha community?

Ans
- ✘ 1. Pustapala
- ✔ 2. Prathamakayastha
- ✘ 3. Uparika
- ✘ 4. Prathamakulika

Q.26 If a transversal line intersects a pair of two parallel lines, then each pair of corresponding angles are:

Ans
- ✘ 1. complementary
- ✘ 2. unequal
- ✔ 3. equal
- ✘ 4. supplementary

Q.27 What is the shortcut to open an MS PowerPoint file directly from the application?

Ans
- ✘ 1. Ctrl + P
- ✘ 2. Ctrl + N
- ✔ 3. Ctrl + O
- ✘ 4. Ctrl + S

Q.28 If 'P' stands for '÷', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−', then the resultant of which of the following would be 182?

Ans
- ✘ 1. 96 Q 16 R 112 S 48 P 6
- ✘ 2. 96 R 16 Q 112 P 48 S 6
- ✔ 3. 96 P 16 S 112 R 48 Q 6
- ✘ 4. 96 S 16 P 112 Q 48 R 6

Q.29 The population of a village was 1,00,000. It increased by 5% in the first year and increased by 20% in the second year. Its population after two years is _____.

Ans
- ✔ 1. 1,26,000
- ✘ 2. 1,25,000
- ✘ 3. 1,05,000
- ✘ 4. 1,20,000

Q.30 If 3 times the brother's present age is 25 years more than 5 times her sister's age, and 5 times the sister's age is 5 years less than the brother's age, then what is the difference (in years) between the present ages of the brother and the sister?

Ans

✗ 1. 12

✗ 2. 10

✗ 3. 8

✓ 4. 9

Q.31 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only B is kept above G. Only C is kept between G and E. Only A is kept below D. How many boxes are kept below E?

Ans

✓ 1. 3

✗ 2. 2

✗ 3. 4

✗ 4. 1

Q.32 What percentage of India's population lives in urban areas according to the 2011 Census?

Ans

✗ 1. 32.30%

✗ 2. 34.78%

✓ 3. 31.16%

✗ 4. 33.50%

Q.33 EUQF is related to BPNA in a certain way based on the English alphabetical order. In the same way, YKKV is related to VFHQ. To which of the given options is SAEL related, following the same logic?

Ans

✗ 1. QWCH

✗ 2. OVAG

✗ 3. QUVH

✓ 4. PVBG

Q.34 Which function key can be used with Alt to close the current application in Windows applications?

Ans

✓ 1. F4

✗ 2. F10

✗ 3. F6

✗ 4. F1

Q.35 Which Article of the Constitution of India prohibits Indian citizens from accepting any title from a foreign state?

Ans

✗ 1. Article 15

✗ 2. Article 16

✗ 3. Article 17

✓ 4. Article 18

Q.36 Which of these ports is located on the Western Coastal Plain?

Ans

✗ 1. Visakhapatnam

✗ 2. Chennai

✓ 3. Cochin

✗ 4. Paradip

Q.37 In January 2025, who was honoured with the Maharaja Hari Singh Award for administrative reforms in Jammu and Kashmir?

Ans
- ✔ 1. Manoj Sinha
- ✘ 2. Satya Pal Malik
- ✘ 3. Girish Chandra Murmu
- ✘ 4. Rajnath Singh

Q.38 According to February 2025 data, how many Khelo India Athletes were included in India's Paris 2024 Olympics contingent?

Ans
- ✘ 1. 35
- ✘ 2. 38
- ✘ 3. 31
- ✔ 4. 28

Q.39 The average of nine numbers is 17. The average of seven of these numbers is 17. The average of the remaining two numbers is:

Ans
- ✔ 1. 17
- ✘ 2. 19
- ✘ 3. 16
- ✘ 4. 18

Q.40 In March 2025, which national day or week emphasised industrial workplace safety?

Ans
- ✘ 1. Bharat Suraksha Week
- ✘ 2. Safety and Labour Day
- ✘ 3. Industrial Safety Day
- ✔ 4. National Safety Week

Q.41 The area of a square is 2304 cm^2. Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in cm^2) of the hexagon?

Ans
- ✔ 1. $1536\sqrt{3}$
- ✘ 2. 1494
- ✘ 3. $1582\sqrt{3}$
- ✘ 4. 1510

Q.42 Town M is to the north of Town N. Town N is to the east of Town O. Town O is to the west of Town P. Town P is to the south of Town Q. Town M is to the south-west of Town Q. What is the position of Town N with respect to Town P?

Ans
- ✘ 1. North
- ✘ 2. East
- ✘ 3. South
- ✔ 4. West

Q.43 A boat takes 83 minutes to go 33.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 8 : 5. How much total time (in hours) will the boat take to go 47.1 km upstream and 55.9 km downstream?

Ans
- ✘ 1. 6.8
- ✔ 2. 2.5
- ✘ 3. 3.5
- ✘ 4. 1.5

Q.44 The marked price of a bed is ₹568, which is 26% above the cost price. If the profit percentage is 13%. Find the discount percentage (rounded off to two decimal places).

Ans

✗ 1. 13.33%

✓ 2. 10.32%

✗ 3. 8.98%

✗ 4. 10.93%

Q.45 Write the expanded form of $(7a + 6b + 4c)^2$.

Ans

✗ 1. $49a^2 + 36b^2 + 16c^2 + 88ab + 48bc + 56ac$

✗ 2. $49a^2 + 36b^2 + 16c^2 + 84ab + 48bc + 66ac$

✓ 3. $49a^2 + 36b^2 + 16c^2 + 84ab + 48bc + 56ac$

✗ 4. $49a^2 + 36b^2 + 16c^2 + 84ab + 43bc + 56ac$

Q.46 If you move text using 'Cut and Paste', where does the text go before being pasted in MS Office?

Ans

✗ 1. Stored in a temporary document

✓ 2. To the Clipboard

✗ 3. To the Recycle Bin

✗ 4. Disappears permanently until pasted

Q.47 A can do a piece of work in 63 hours, B and C together can do it in 42 hours, while A and C together can do it in 27 hours. How long (in hours) will B alone take to do it?

Ans

✗ 1. 377

✗ 2. 380

✗ 3. 379

✓ 4. 378

Q.48 In a certain code language, 'HUNT' is coded as '3517' and 'TIME' is coded as '2458'. What is the code for 'T' in the given code language?

Ans

✗ 1. 7

✗ 2. 8

✗ 3. 2

✓ 4. 5

Q.49 When x is added to each of 29, 31, 7 and 8, then the numbers so obtained, in this order, are in proportion. Then, if 5x : y :: y : (2x-3), and y > 0, what is the value of y?

Ans

✗ 1. 29

✗ 2. 35

✓ 3. 45

✗ 4. 56

Q.50 When working with text wrapping around an image in MS Word, which 'Layout Option' provides the most flexibility in precisely positioning the image relative to the text and other elements, ignoring the text flow?

Ans

✗ 1. Tight

✗ 2. Through

✓ 3. Behind Text or In Front of Text

✗ 4. Square

Q.51 What is the approximate total length of the Northern Plains (from West to East)?

Ans
- ✗ 1. 2,000 km
- ✓ 2. 2,400 km
- ✗ 3. 1,500 km
- ✗ 4. 1,200 km

Q.52 Who among the following was the President of the Board of Control at the time of Charter renewal in 1793 in India?

Ans
- ✗ 1. Thomas Townshend
- ✓ 2. Henry Dundas
- ✗ 3. William Grenville
- ✗ 4. George Legge

Q.53 On selling a bed at ₹8,845, the value of gain is 25% more than the value of loss incurred on selling it at ₹1,987. In order to gain 20%, find the selling price (in ₹).

Ans
- ✓ 1. 6,042
- ✗ 2. 6,039
- ✗ 3. 6,044
- ✗ 4. 6,043

Q.54 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(32, 47, 15)
(56, 81, 25)

Ans
- ✓ 1. (92, 110, 18)
- ✗ 2. (17, 72, 14)
- ✗ 3. (18, 65, 11)
- ✗ 4. (29, 84, 10)

Q.55 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

EBY XUR QNK JGD ?

Ans
- ✗ 1. CWZ
- ✗ 2. WCZ
- ✗ 3. WZC
- ✓ 4. CZW

Q.56 How many naturally occurring elements did the periodic law originally reveal analogies among?

Ans
- ✗ 1. 89
- ✗ 2. 96
- ✗ 3. 91
- ✓ 4. 94

Q.57 To which regional language's literature did Girish Karnad contribute most through his works?

Ans

✗ 1. Malayalam

✗ 2. Tamil

✗ 3. Telugu

✓ 4. Kannada

Q.58 Find the value of m for which it satisfies $\left(\frac{11}{2}\right)^{12} \times \left(\frac{2}{11}\right)^{2} \times \left(\frac{11}{2}\right)^{16} = \left(\frac{2}{11}\right)^{9m+9}$.

Ans

✗ 1. $-\frac{37}{9}$

✓ 2. $-\frac{35}{9}$

✗ 3. $-\frac{38}{9}$

✗ 4. $-\frac{43}{9}$

Q.59 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only two people sit between Q and O. Only I sits to the right of P. Only one person sits between O and P. K sits at some place to the right of L but at some place to the left of J. How many people sit between J and L?

Ans

✗ 1. One

✗ 2. Three

✓ 3. Two

✗ 4. Four

Q.60 Vimal ranked 19th from the top and 24th from the bottom in his class. How many students are there in his class?

Ans

✗ 1. 43

✗ 2. 40

✗ 3. 41

✓ 4. 42

Q.61 The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 63 kg and 37 kg is:

Ans

✓ 1. 49

✗ 2. 51

✗ 3. 48

✗ 4. 50

Q.62 Two quadratic equations, $2x^2 + 8x + 6 = 0$ and $kx^2 + 4kx + 3 = 0$, have both roots common. What is the value of k?

Ans

✗ 1. 3

✓ 2. 1

✗ 3. 4

✗ 4. 2

Q.63 According to the forest department and WWF-India, which tiger reserve recorded a rise in the population of greater one-horned rhinos, with the number climbing from 46 in 2023 to 51 in 2025?

Ans

✔ 1. Dudhwa National Park

✘ 2. Panna National Park

✘ 3. Kanha National Park

✘ 4. Similipal National Park

Q.64 Which of the following statements about the Exercise KHANJAR-XII, conducted in March 2025 is/are correct?

1. The exercise was held in the Ladakh region.
2. The exercise was focused on Counter Terrorism and Special Forces operations.
3. The exercise involved troops from The Parachute Regiment (Special Forces) of India and Kyrgyz Scorpion Brigade.

Ans

✘ 1. Only 1 and 3

✔ 2. Only 2 and 3

✘ 3. Only 2

✘ 4. 1, 2 and 3

Q.65 If $\cos\alpha = \frac{3}{5}$ and $\cos\beta = \frac{15}{17}$, then find the value of $\sin(\alpha + \beta)$.

Ans

✘ 1. $\frac{36}{85}$

✔ 2. $\frac{84}{85}$

✘ 3. $\frac{15}{85}$

✘ 4. $\frac{77}{85}$

Q.66 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between N and P. Only two people live between Z and O. No one lives above Z. P lives below O but above Y. How many people lives below M?

Ans

✔ 1. Three

✘ 2. Two

✘ 3. One

✘ 4. Four

Q.67 This question is based on the five, three-digit numbers given below.

(Left) 219 539 568 670 131 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

Ans

✔ 1. −4

✘ 2. −3

✘ 3. −1

✘ 4. −5

Q.68 **Which of the following is the highest point of the Satpura Range?**

Ans

✗ 1. Parasnath

✓ 2. Dhupgarh

✗ 3. Anai Mudi

✗ 4. Mount Abu

Q.69 **What is the significance of the NVS-02 satellite launched in 2025?**

Ans

✗ 1. It will conduct scientific experiments in space.

✗ 2. It will provide weather forecasting services.

✗ 3. It will provide communication services to rural areas.

✓ 4. It will enhance India's regional navigation capabilities.

Q.70 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?**

 # : IFL :: KHN : %

Ans

✗ 1. # = LPG, % = NUY

✓ 2. # = DAG, % = PMS

✗ 3. # = CJS, % = KJI

✗ 4. # = KHY, % = NHU

Q.71 **Two pipes can fill a cistern, individually, in 44 min and 84 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 28 min. How long will the pipe at the bottom of the cistern take to empty the completely filled cistern if no other pipe is then open?**

Ans

✗ 1. 916 min

✗ 2. 921 min

✗ 3. 920 min

✓ 4. 924 min

Q.72 **Select the number from among the given options that can replace the question mark (?) in the following series.**

22 25.1 28.2 31.3 ? 37.5

Ans

✗ 1. 33.5

✗ 2. 34.1

✗ 3. 32.4

✓ 4. 34.4

Q.73 **Which of the following forests are predominantly found in areas receiving annual rainfall between 100 cm and 200 cm in India?**

Ans

✓ 1. Tropical deciduous forests

✗ 2. Thorn forests

✗ 3. Alpine forests

✗ 4. Tropical evergreen forests

Q.74 **According to the induced-fit model of enzyme action, substrate binding _____.**

Ans

✓ 1. induces a conformational change that optimises the active site for catalysis

✗ 2. inhibits the enzyme by permanently altering its structure

✗ 3. occurs without any change to the enzyme's active site

✗ 4. leads to immediate release of the substrate without transformation

Q.75 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	6	@	8	5	$	&	3	%	#	7	+	9	4	2
Code	F	G	H	N	L	K	C	Q	Z	P	R	B	U	E

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
What will be the code for the following group?

5 3 + 4

Ans
✗ 1. N R C U
✗ 2. U C R N
✗ 3. N C R U
✓ 4. © C R ©

Q.76 A man has to cover a distance of 222 km in 14 hours. If he covers two – third of this distance in $\frac{3}{7}$ of the time, then what should his speed (in km/hr) be to cover the remaining distance in the time left?

Ans
✗ 1. 21.3
✗ 2. 3.75
✓ 3. 9.25
✗ 4. 12.3

Q.77 Udyami Bharat, MUDRA Yojana, Emergency Credit Line Guarantee Scheme, SFURTI and RAMP schemes are associated with the development of which sector?

Ans
✗ 1. Iron and steel industries
✓ 2. Micro, small, medium enterprises
✗ 3. Mining sector
✗ 4. Drugs and pharmaceuticals industry

Q.78 Which of the following is the correct way to add a new slide in an MS-PowerPoint 2019 presentation?

Ans
✗ 1. Right-click the slide → Select Copy
✗ 2. Press Ctrl + N
✓ 3. Go to the Home tab → Click New Slide
✗ 4. Press Alt + F4

Q.79 The British used education as a tool to _____.

Ans
✗ 1. reform Indian society
✗ 2. expand Indian trade
✓ 3. strengthen colonial rule
✗ 4. support women empowerment

Q.80 Which of the following numbers is divisible by both 27 and 19?

Ans
✗ 1. 35691
✗ 2. 33488
✓ 3. 34371
✗ 4. 34962

Q.81 According to Global Debt Report 2025, what is the projected sovereign bond issuance in OECD countries for 2025?

Ans
✗ 1. $10 trillion
✗ 2. $15 trillion
✗ 3. $13 trillion
✓ 4. $17 trillion

Q.82 If 10 : A :: A : 40, find the positive value of A.

Ans
✗ 1. 23
✗ 2. 21
✗ 3. 18
✓ 4. 20

Q.83 Mr. Q starts from Point Z and drives 7 km towards the north. He then takes a left turn, drives 9 km, turns right and drives 6 km. He then takes a left turn and drives 7 km. He takes a final left turn, drives 13 km and stops at Point A. How far (shortest distance) and towards which direction should he drive in order to reach Point Z again? (All turns are 90 degree turns only unless specified.)

Ans
✗ 1. 11 km towards the south
✗ 2. 14 km towards the west
✓ 3. 16 km towards the east
✗ 4. 13 km towards the north

Q.84 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 & 3 Ω 4 6 @ 9 # 1 * £ 5 2 & % $ 8 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?

Ans
✓ 1. Two
✗ 2. Four
✗ 3. One
✗ 4. Three

Q.85 Simplify: $\frac{93}{28} \times (70 + 42) + 82$

Ans
✓ 1. 454
✗ 2. 464
✗ 3. 458
✗ 4. 459

Q.86 In India, what are municipalities primarily responsible for?

Ans
✗ 1. Conducting national elections
✗ 2. Managing defense-related municipal activities
✗ 3. Controlling all ports in India
✓ 4. Administration of small cities or towns

Q.87 By selling an article for ₹112, a man loses 25%. At what price (in ₹) should he sell it to gain 50%?

Ans
✗ 1. 234
✓ 2. 224
✗ 3. 244
✗ 4. 214

Q.88 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. QR–TU
- ✓ 2. FG–HL
- ✗ 3. WX–ZA
- ✗ 4. DE–GH

Q.89 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and ∠PEB = 42°. G is a point between AB and CD such that ∠BEG = 21° and ∠GFE = 34°. What is the measure of ∠EGF?

Ans
- ✓ 1. 29°
- ✗ 2. 20°
- ✗ 3. 33°
- ✗ 4. 24°

Q.90 In a certain code language,
A + B means 'A is the mother of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M − N + O × P ÷ Q'?

Ans
- ✗ 1. Mother's father
- ✓ 2. Mother's mother's brother
- ✗ 3. Father's brother
- ✗ 4. Father's father

Q.91 The Bhagirathi and Alaknanda join to form the Ganga at _____.

Ans
- ✗ 1. Rishikesh
- ✗ 2. Haridwar
- ✓ 3. Devprayag
- ✗ 4. Rudraprayag

Q.92 The ratio of incomes of Seema and Darshan is 4 : 3. They save ₹15,000 and ₹9,000, respectively. If the ratio of their expenditures is 16 : 17, then what is the total expenditure (in ₹) of Seema and Darshan?

Ans
- ✓ 1. 14,850
- ✗ 2. 13,000
- ✗ 3. 15,000
- ✗ 4. 16,000

Q.93 Who discovered the Maski Ashoka Inscription?

Ans
- ✗ 1. James Prinsep
- ✓ 2. C Beadon
- ✗ 3. Christian Lassen
- ✗ 4. Lord Canning

Q.94 Which statistical indicator is used to measure the depth of poverty by accounting for the extent to which individuals fall below the poverty line?

Ans
- ✓ 1. Poverty Gap Index
- ✗ 2. Dependency Ratio
- ✗ 3. Headcount Ratio
- ✗ 4. Gini Coefficient

Q.95 In the Harappan civilisation, cire perdue or lost wax process was used to make statue of which material?

Ans
- ✗ 1. Stone
- ✓ 2. Bronze
- ✗ 3. Gold
- ✗ 4. Terracotta

Q.96 In which year did Francois Martin establish Pondicherry, which later emerged as the Headquarters of the French in India?

Ans
- ✗ 1. 1794
- ✗ 2. 1612
- ✗ 3. 1762
- ✓ 4. 1674

Q.97 Find the simple interest (in ₹) if a sum of ₹350 is borrowed for 2.5 years at 4% per annum rate of interest.

Ans
- ✗ 1. 135
- ✗ 2. 15
- ✗ 3. 85
- ✓ 4. 35

Q.98 If + means −, − means ×, × means ÷, and ÷ means +, what will come in place of the question mark (?) in the following equation?

20 – 4 ÷ 7 + 12 × 4 = ?

Ans
- ✗ 1. 80
- ✗ 2. 75
- ✓ 3. 84
- ✗ 4. 90

Q.99 When 1272, 2636 and 4209 are divided by the greatest number x, the remainder in each case is y. What is the value of (3x − 14y)?

Ans
- ✗ 1. −63
- ✓ 2. −65
- ✗ 3. −60
- ✗ 4. −61

Q.100 Eight people, A, B, C, D, E, F, G and H, are sitting is a straight line facing south. B is sitting at one of the ends of the line. G is sitting to the immediate left of C. A is sitting to the immediate left of H and immediate right of C. Only 3 people are sitting to the right of E. D is sitting to the immediate left of B. Who is sitting to the immediate left of D?

Ans
- ✗ 1. E
- ✓ 2. F
- ✗ 3. C
- ✗ 4. H

Test Date	11/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?**

43 ÷ 13 − 648 × 8 + 52 = ?

Ans
✔ 1. 588
✘ 2. 581
✘ 3. 586
✘ 4. 583

Q.2 **The Palk Strait is an inlet of which of the following?**

Ans
✔ 1. Bay of Bengal
✘ 2. Gulf of Khambhat
✘ 3. Arabian Sea
✘ 4. Persian Gulf

Q.3 **Which country assumed the presidency of BRICS in January 2025?**

Ans
✘ 1. Russia
✘ 2. India
✔ 3. Brazil
✘ 4. China

Q.4 **Find the volume (in cm^3, rounded off to two decimal places) of a hemispherical cap having a radius of 33.6 cm.**

Ans
✘ 1. 25,297.58π
✘ 2. 25,293.28π
✔ 3. 25,288.70π
✘ 4. 25,287.05π

Q.5 **If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8574162, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?**

Ans
✘ 1. 8
✘ 2. 11
✔ 3. 10
✘ 4. 9

Q.6 What does setting a Page Break in MS Excel 365 allow you to control?

Ans
- ✗ 1. Where headers appear on each page
- ✗ 2. The maximum size of printable margins
- ✓ 3. Where the worksheet splits across printed pages
- ✗ 4. Whether formulas are recalculated before printing

Q.7 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	Z	T	E	P	A	U	X
Code	8	$	@	9	2	%	6

Conditions:

1. If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.
2. If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.
3. If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.
4. If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?
AUTEA

Ans
- ✓ 1. Q Q $ @ 2
- ✗ 2. 2 % $ @ 2
- ✗ 3. 2 W $ @ 2
- ✗ 4. 2 Q $ @ 2

Q.8 In a certain code language, 'GSTA' is coded as '51' and 'XMBJ' is coded as '53'. What is the code for 'YDOM' in the given language?

Ans
- ✗ 1. 58
- ✗ 2. 55
- ✗ 3. 60
- ✓ 4. 61

Q.9 If 'W' stands for '÷', 'X' stands for '×', 'Y' stands for '+' and 'Z' stands for '−', then the resultant of which of the following would be 94?

Ans
- ✗ 1. 48 Y 8 X 56 W 24 Z 6
- ✗ 2. 48 Z 8 W 56 X 24 Y 6
- ✓ 3. 48 W 8 Z 56 Y 24 X 6
- ✗ 4. 48 X 8 Y 56 Z 24 W 6

Q.10 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 8629475, what will be the sum of the highest and lowest digits in the new number thus formed?

Ans
- ✗ 1. 6
- ✗ 2. 16
- ✓ 3. 12
- ✗ 4. 14

Q.11 PH 14 is related to SD 30 in a certain way. In the same way, JI 18 is related to ME 34. To which of the given options is MU 6 related, following the same logic?

Ans
- ✗ 1. NH 33
- ✓ 2. PQ 22
- ✗ 3. HL 31
- ✗ 4. IV 20

Q.12 A man spends 12% of his monthly salary on house rent. If every month, he also spends ₹407 on conveyance and ₹8,657 on grocery and saves the remaining ₹924, his monthly salary is:

Ans
- ✓ 1. ₹11,350
- ✗ 2. ₹11,413
- ✗ 3. ₹11,449
- ✗ 4. ₹11,377

Q.13 Town C is to the west of Town D. Town E is to the east of Town C. Town F is to the north of Town D. Town G is to the north of Town E. Town G is to the north-west of Town D. What is the position of Town E with respect to Town D?

Ans
- ✗ 1. North
- ✗ 2. East
- ✓ 3. West
- ✗ 4. South

Q.14 In March 2025, India successfully tested a high-energy laser-directed weapon system, becoming the fourth nation globally to achieve this feat. Which countries had previously developed such systems?

Ans
- ✗ 1. Russia, Israel and Germany
- ✗ 2. The US, The UK and France
- ✗ 3. China, Japan and South Korea
- ✓ 4. The US, Russia and China

Q.15 Which navigation satellite did India launch in January 2025 to enhance its NavIC system?

Ans
- ✓ 1. NVS-02
- ✗ 2. IRNSS-1G
- ✗ 3. NVS-01
- ✗ 4. GSAT-10

Q.16 The simplified value of $\frac{(31^{10} \times 2^{15} \times 84^{6})}{(31^{9} \times 2^{14} \times 84^{5})}$ is:

Ans
- ✗ 1. 5213
- ✓ 2. 5208
- ✗ 3. 5209
- ✗ 4. 5217

Q.17 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. GZ-LS
- ✗ 2. MF-RY
- ✓ 3. YR-EK
- ✗ 4. AT-FM

Q.18 Samantha Bansil's novel, set in precolonial Philippines, is titled:

Ans
- ✔ 1. Black Salt Queen
- ✘ 2. The Bamboo Sword
- ✘ 3. The Pearl Diver
- ✘ 4. Island of the Lost

Q.19 The salaries of X, Y, and Z are in the ratio 10 : 20 : 20. If the increments of 82%, 50%, and 19% are allowed respectively in their salaries, what will be the new ratio of their salaries?

Ans
- ✘ 1. 88 : 151 : 123
- ✔ 2. 91 : 150 : 119
- ✘ 3. 90 : 153 : 126
- ✘ 4. 92 : 154 : 120

Q.20 In the 2024 Global Innovation Index, which organisation ranked India 39th among 133 global economies, highlighting its leadership in the Central and Southern Asian region?

Ans
- ✘ 1. World Bank
- ✘ 2. World Economic Forum
- ✘ 3. International Monetary Fund
- ✔ 4. World Intellectual Property Organization

Q.21 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ 1. UX−YB
- ✔ 2. GJ−JP
- ✘ 3. PS−TW
- ✘ 4. YB−CF

Q.22 Which of the options below is equivalent to $216x^3 + 27y^3 + 324x^2y + 162xy^2$?

Ans
- ✔ 1. $(6x + 3y)^3$
- ✘ 2. $(8x + 3y)^3$
- ✘ 3. $(6x + 6y)^3$
- ✘ 4. $(3x + 6y)^3$

Q.23 The value of $(\sec\theta - \tan\theta)^2 (1 + \sin\theta)^2 \div \cos^2\theta$ is

Ans
- ✘ 1. −2
- ✘ 2. 2
- ✘ 3. 0
- ✔ 4. 1

Q.24 Priya bought 45 kg of apples and mangoes for ₹1,240. The prices of apples and mangoes were ₹25/kg and ₹30/kg, respectively. How much money did she spend on mangoes separately?

Ans
- ✘ 1. ₹650
- ✘ 2. ₹700
- ✔ 3. ₹690
- ✘ 4. ₹676

Q.25 In a certain code language,
'A + B' means 'A is the sister of B'
'A − B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M × N − O ÷ P + Q'?

Ans
- ✔ 1. Father's Brother's Wife
- ✘ 2. Mother's Brother's Wife
- ✘ 3. Father's Brother's Daughter
- ✘ 4. Mother's Brother's Daughter

Q.26 Which leader collaborated with Mahatma Gandhi during the Kheda Satyagraha in 1918?

Ans
- ✘ 1. Subhas Chandra Bose
- ✘ 2. Raj Kumar Shukla
- ✔ 3. Sardar Vallabhbhai Patel
- ✘ 4. Lala Lajpat Rai

Q.27 This question is based on the five, three-digit numbers given below.

(Left) 194 932 446 225 493 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

Ans
- ✘ 1. 17
- ✘ 2. 16
- ✘ 3. 15
- ✔ 4. 18

Q.28 As per the Union Budget 2025-26, what is the total number of Gram Panchayats in India?

Ans
- ✔ 1. 2.68 lakh
- ✘ 2. 3.97 lakh
- ✘ 3. 2.00 lakh
- ✘ 4. 1.65 lakh

Q.29 What should come in place of the question mark (?) in the given series?

992 990 986 980 972 ?

Ans
- ✘ 1. 961
- ✘ 2. 958
- ✘ 3. 959
- ✔ 4. 962

Q.30 Which Harappan site shows evidence of ploughed fields?

Ans
- ✔ 1. Kalibangan
- ✘ 2. Mohenjo-daro
- ✘ 3. Dholavira
- ✘ 4. Lothal

Q.31 Independent dance numbers such as Chali, Ramdani and Jhumura are associated with which of the following dance forms?

Ans
- ✗ 1. Chhau
- ✓ 2. Sattriya
- ✗ 3. Bharatanatyam
- ✗ 4. Manipuri

Q.32 Two numbers are respectively 46% and 54% more than a third number. The ratio of the two numbers is:

Ans
- ✓ 1. 73 : 77
- ✗ 2. 83 : 75
- ✗ 3. 69 : 68
- ✗ 4. 67 : 86

Q.33 In the reaction: $2H_2 + O_2 \rightarrow 2H_2O$, if 5 moles of H_2 and 2 moles of O_2 are mixed, the limiting reagent is:

Ans
- ✗ 1. H_2
- ✗ 2. H_2O
- ✗ 3. CO_2
- ✓ 4. O_2

Q.34 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
13 - 15 - 30 - 60 ; 3 - 5 - 10 - 20

Ans
- ✗ 1. 5 - 7 - 14 - 24
- ✗ 2. 10 - 12 - 24 - 42
- ✗ 3. 15 - 17 - 34 - 44
- ✓ 4. 8 - 10 - 20 - 40

Q.35 What is the maximum score possible for project design evaluation in the application form process of the Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY)?

Ans
- ✗ 1. 1300
- ✗ 2. 1000
- ✓ 3. 1400
- ✗ 4. 1200

Q.36 In February 2025, which day was celebrated to honour the Nightingale of India, Sarojini Naidu?

Ans
- ✗ 1. National Women's Freedom Day
- ✗ 2. National Women Leaders Day
- ✓ 3. National Women's Day
- ✗ 4. National Women Writers Day

Q.37 This question is based on the five, three-digit numbers given below.

(Left) 740 636 787 884 316 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

Ans
- ✔ 1. 14
- ✘ 2. 15
- ✘ 3. 17
- ✘ 4. 13

Q.38 Which of the following is NOT one of the components of the Panchayati Raj institutions in India at the village level?

Ans
- ✘ 1. Gram Panchayat
- ✔ 2. Panchayat Samiti
- ✘ 3. Gram Sabha
- ✘ 4. Nyaya Panchayat

Q.39 Train A running at a speed of 72 km/hr takes 24 seconds to completely cross train B running at 63 km/hr in the opposite direction. The length of train B is 1.5 times the length of train A. Train B crosses a bridge completely in 62 seconds. The length of the bridge (in m) is:

Ans
- ✘ 1. 626
- ✘ 2. 445
- ✘ 3. 433
- ✔ 4. 545

Q.40 A trader lost 5% by selling a shirt for ₹950. He will gain x% by selling it for ₹1,350. The value of x is:

Ans
- ✘ 1. 50
- ✔ 2. 35
- ✘ 3. 25
- ✘ 4. 45

Q.41 A person who spends 80% of his monthly income is able to save ₹6,738 per month. His monthly expenses (in ₹) are:

Ans
- ✘ 1. 26,925
- ✔ 2. 26,952
- ✘ 3. 26,921
- ✘ 4. 26,876

Q.42 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NJ-QM-TV
QM-TP-WY

Ans
- ✘ 1. MH-PK-RU
- ✔ 2. LH-OK-RT
- ✘ 3. LH-OK-RU
- ✘ 4. MH-OK-RU

Q.43 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has an exam on Friday. Only 2 people have an exam between P and S. U has an exam immediately before V, and Q has an exam immediately after T. Only 2 people have an exam between R and V.
How many people have an exam before V?

Ans
- ✗ 1. 4
- ✗ 2. 1
- ✗ 3. 2
- ✓ 4. 3

Q.44 Which keyboard shortcut opens File Explorer in Windows 11 OS to navigate and create files/folders?

Ans
- ✗ 1. Alt + Tab
- ✓ 2. Windows Key + E
- ✗ 3. Ctrl + Shift + N
- ✗ 4. Ctrl + E

Q.45 The Capital Adequacy Ratio, sometimes seen in news, is related to which of the following?

Ans
- ✓ 1. Banking operations
- ✗ 2. Government budgeting
- ✗ 3. External borrowing of states
- ✗ 4. Trade operations

Q.46 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

MR25, NS33, OT41, PU49, ?

Ans
- ✗ 1. QU57
- ✗ 2. QV58
- ✓ 3. QV57
- ✗ 4. QU58

Q.47 If the mode of a data exceeds its mean by 12.6, then the mode exceeds the median by _____.
(Use empirical formula.)

Ans
- ✗ 1. 15.9
- ✗ 2. 17.6
- ✗ 3. 18.2
- ✓ 4. 8.4

Q.48 The average of 9 numbers is 17. The average of 7 of these numbers is 16. The average of the remaining two numbers is:

Ans
- ✗ 1. 19.5
- ✓ 2. 20.5
- ✗ 3. 21.5
- ✗ 4. 22.5

Q.49 Which of the following is not a 'Sushira Vadya'?

Ans
- ✗ 1. Shehnai
- ✗ 2. Pungi
- ✗ 3. Bansuri
- ✓ 4. Sitar

Q.50 Simplify the following:

$$\frac{88}{9} \times (74 + 30) + 37$$

Ans

✗ 1. $\frac{2230}{9}$

✗ 2. $\frac{3872}{9}$

✓ 3. $\frac{9485}{9}$

✗ 4. $\frac{4205}{9}$

Q.51 **Saline and Alkaline soils are most commonly found in:**

Ans

✗ 1. the Deccan Plateau

✓ 2. drought-prone areas

✗ 3. the Deltas of Ganga and Godavari

✗ 4. the Western Himalayas

Q.52 **A can complete a piece of work in 18 days and B can complete it in 22 days. If they work on alternate days, starting with B on the first day, then in how many days will the work be finished?**

Ans

✗ 1. $18\frac{2}{9}$

✗ 2. $19\frac{2}{9}$

✗ 3. $18\frac{9}{11}$

✓ 4. $19\frac{9}{11}$

Q.53 **What was the percentage distribution of persons in the age group 15-59 years (both rural and urban) who did NOT receive vocational/technical training, as per PLFS 2021-22?**

Ans

✗ 1. 75%

✗ 2. 70%

✓ 3. 80.5%

✗ 4. 60%

Q.54 **Who among the following was awarded with the MS Swaminathan Environment Protection Award 2024?**

Ans

✗ 1. Vinod Ganatra

✗ 2. Alok Shukla

✓ 3. Anant Darshan Shankar

✗ 4. Arun Bansal

Q.55 This question is based on the five, three-digit numbers given below.

(Left) 205 712 237 862 578 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

Ans
- ✗ 1. 5
- ✓ 2. 4
- ✗ 3. 3
- ✗ 4. 7

Q.56 In which of the following cases did the court restrict the Parliament from curtailing any Fundamental Right?

Ans
- ✗ 1. Golaknath vs State of Punjab
- ✓ 2. Kesavananda Bharati vs State of Kerala
- ✗ 3. Indira Gandhi vs Raj Narayan
- ✗ 4. A K Gopalan vs State of Madras

Q.57 How long (in years) will it take for ₹1,440 to become ₹2,700 at a rate of 10% per annum simple interest?

Ans
- ✗ 1. 10.75
- ✗ 2. 7.75
- ✗ 3. 9.75
- ✓ 4. 8.75

Q.58 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between O and Z. Only two people live between N and M. Only one person lives between P and M. P lives on floor numbered 1. O lives above M. How many people live below Y?

Ans
- ✓ 1. Three
- ✗ 2. Two
- ✗ 3. One
- ✗ 4. Four

Q.59 Q starts from Point P and drives 2 km towards the south. He then takes a right turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 4 km, turns left and drives 3 km. He then takes a right turn and drives 2 km. He takes a final right turn, drives 12 km and stops at Point O. How far (shortest distance) and towards which direction should he drive in order to reach Point P again? (All turns are 90 degree turns only unless specified.)

Ans
- ✗ 1. 7 km towards the north
- ✗ 2. 5 km towards the south
- ✗ 3. 3 km towards the east
- ✓ 4. 3 km towards the west

Q.60 The intense rainfall on the western side of the Western Ghats is due to which type of rainfall mechanism?

Ans
- ✗ 1. Frontal
- ✓ 2. Orographic
- ✗ 3. Convectional
- ✗ 4. Cyclonic

Q.61 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S has the exam on Thursday and T has the exam on Saturday. F has the exam immediately before U. C has the exam on one of the days after E. D has the exam immediately after U. Who has the exam on the last day of the week?

Ans
- ✗ 1. E
- ✗ 2. D
- ✓ 3. C
- ✗ 4. T

Q.62 Which of the following national parks is recognised as the world's only floating national park?

Ans
- ✗ 1. Sundarbans National Park
- ✗ 2. Bhitarkanika National Park
- ✓ 3. Keibul Lamjao National Park
- ✗ 4. Gulf of Mannar Marine National Park

Q.63 In glycolysis, which enzyme catalyses the rate-limiting phosphorylation of fructose-6-phosphate?

Ans
- ✗ 1. Pyruvate kinase
- ✗ 2. Glyceraldehyde-3-phosphate dehydrogenase
- ✗ 3. Hexokinase
- ✓ 4. Phosphofructokinase-1 (PFK-1)

Q.64 Which of the following statements accurately describes the behavior of continuing numbering from a previous list when inserting a new numbered list within the same document in MS Word?

Ans
- ✗ 1. MS Word automatically restarts the numbering from 1 for the new list, and there is no direct way to continue the previous sequence.
- ✓ 2. MS Word provides an option upon creating the new list to 'Continue from previous list', which needs to be explicitly selected.
- ✗ 3. Continuing numbering is only possible if both lists use the exact same numbering style and level.
- ✗ 4. MS Word automatically continues the numbering sequence from the previous list by default.

Q.65 Which of the following companies assisted the Raja of Cochin in expelling the Portuguese from his kingdom in 1663?

Ans
- ✓ 1. Dutch East India Company
- ✗ 2. Spanish East India Company
- ✗ 3. British East India Company
- ✗ 4. French East India Company

Q.66 Arjun marks the price of his article 50% more than its cost price. If he sells the article for ₹86,580 after allowing a discount of 26%, then what will be the cost price (in ₹) of the article?

Ans
- ✗ 1. 77,999
- ✗ 2. 78,002
- ✗ 3. 78,003
- ✓ 4. 78,000

Q.67 Which of the following agricultural practices is called Ponam in Kerala and Podu in Odisha?

Ans
- ✗ 1. Plantation farming
- ✗ 2. Subsistence farming
- ✓ 3. Shifting cultivation
- ✗ 4. Commercial farming

Q.68 A bank offers 7.8% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹9,920 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is _____ (give your answer correct to 2 decimal places).

Ans
- ✔ 1. ₹1,175.73
- ✘ 2. ₹1,185.69
- ✘ 3. ₹1,174.16
- ✘ 4. ₹1,183.37

Q.69 Find the area of a sector with a central angle of 150° in a circle with a radius of 12 cm.

Ans
- ✘ 1. $55\pi \text{ cm}^2$
- ✘ 2. $72\pi \text{ cm}^2$
- ✘ 3. $45\pi \text{ cm}^2$
- ✔ 4. $60\pi \text{ cm}^2$

Q.70 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only four people sit between B and D when counted from the right of B. B sits third to the left of C. T sits third to the left of R. S is an immediate neighbour of both D and C. How many people sit between A and S when counted from the right of A?

Ans
- ✘ 1. Three
- ✘ 2. One
- ✘ 3. Four
- ✔ 4. Two

Q.71 MBKF is related to OGMK in a certain way based on the English alphabetical order. In the same way, QLOP is related to SQQU. To which of the given options is UVSZ related, following the same logic?

Ans
- ✘ 1. VBUD
- ✔ 2. WAUE
- ✘ 3. XZVF
- ✘ 4. WBTD

Q.72 If 14 : A :: A : 56, find the positive value of A.

Ans
- ✘ 1. 29
- ✘ 2. 31
- ✔ 3. 28
- ✘ 4. 26

Q.73 Which of the following best describes the underlying data structure that forms the basis of an electronic spreadsheet like MS Excel?

Ans
- ✘ 1. Relational database model with interconnected tables and fields
- ✘ 2. A hierarchical tree structure organizing data into nodes and branches
- ✔ 3. A two-dimensional grid composed of rows and columns intersecting to form cells
- ✘ 4. A linear sequence of data entries, similar to a text document

Q.74 In May 2025, Jenu Kuruba families reoccupied their ancestral land in which of the following tiger reserves of India?

Ans
- ✘ 1. Hemis National Park
- ✔ 2. Nagarahole Tiger Reserve
- ✘ 3. Manas National Park
- ✘ 4. Sariska National Park

Q.75 What significant achievement did Mohun Bagan Super Giant accomplish by winning the ISL 2024-25 title?

Ans
✗ 1. They won the title without losing a single match.
✗ 2. They won the title with a 100% win rate at home.
✓ 3. They became the second team to win both the ISL League Shield and ISL Cup in the same season.
✗ 4. They became the first team to win the ISL title twice.

Q.76 One important outcome of British social reforms was _____.

Ans
✗ 1. spread of religious fundamentalism
✗ 2. increase in caste rigidity
✗ 3. decline in education
✓ 4. emergence of women in public life

Q.77 POR is the diameter of a circle. PQ and RQ are its two chords. The length of arc $\overset{\frown}{PQ}$ is half of the length of arc $\overset{\frown}{RQ}$. Find the measure of $\angle POQ$.

Ans
✗ 1. 30°
✗ 2. 120°
✗ 3. 90°
✓ 4. 60°

Q.78 Which of the following is NOT the use of baking soda in the kitchen?

Ans
✓ 1. For food colouring
✗ 2. In fire extinguishers
✗ 3. As a leavening agent
✗ 4. As an ingredient in antacids

Q.79 Find the value of $(K^2 - 5)$, if the quadratic equation $2x^2 - 8x + K = 0$ has real and equal roots.

Ans
✗ 1. 65
✓ 2. 59
✗ 3. 48
✗ 4. 51

Q.80 What is the mode of the following data?

41, 55, 45, 48, 40, 47, 41, 47, 54, 44, 49, 48, 53, 54, 50, 53, 41, 46

Ans
✓ 1. 41
✗ 2. 55
✗ 3. 48
✗ 4. 45

Q.81 Who succeeded Ashoka to the throne?

Ans
✓ 1. Dasharatha
✗ 2. Bindusara
✗ 3. Samprati
✗ 4. Chandragupta II

Q.82 Simplify: $10 \times (5 - 9) + \left(\frac{123}{41}\right)$

Ans
- ✗ 1. -31
- ✗ 2. -34
- ✗ 3. -35
- ✓ 4. -37

Q.83 What should come in place of the question mark (?) in the given series?

51 87 121 153 183 211 ?

Ans
- ✓ 1. 237
- ✗ 2. 249
- ✗ 3. 241
- ✗ 4. 253

Q.84 The Reserve Bank of India has its offices in how many locations in India, as of April 2025?

Ans
- ✗ 1. 30 locations
- ✗ 2. 28 locations
- ✗ 3. 34 locations
- ✓ 4. 33 locations

Q.85 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only two people sit to the left of P. Only three people sit between P and I. Only one person sits between I and O. Q sits to the immediate left of K. J is not an immediate neighbour of I. How many people sit to the right of L?

Ans
- ✗ 1. Three
- ✓ 2. One
- ✗ 3. Four
- ✗ 4. Two

Q.86 Why does the parliamentary system prevent executive despotism?

Ans
- ✗ 1. Because the judiciary can override executive decisions without checks
- ✗ 2. Because the Prime Minister has unlimited power
- ✓ 3. Because executive authority is dispersed among a group of ministers accountable to the Parliament
- ✗ 4. Because the military can intervene in governance

Q.87 A shopkeeper marks the price of an article at ₹3,930. Find the cost price if after allowing a discount of 40% he still gains 20% on the cost price.

Ans
- ✗ 1. ₹1,899
- ✓ 2. ₹1,965
- ✗ 3. ₹1,989
- ✗ 4. ₹1,981

Q.88 What is the primary objective of the 'Trinetra' project, developed by IIT Tirupati?

Ans
- ✗ 1. To implement AI-driven surveillance systems in schools
- ✗ 2. To create a cybersecurity curriculum for university students
- ✓ 3. To develop a mobile game promoting cybersecurity awareness
- ✗ 4. To establish a national cybersecurity task force

Q.89 One pipe can fill the tank in 18 minutes while another pipe can empty the completely filled tank in 19 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill one-third of the tank?

Ans
- ✔ 1. 114
- ✘ 2. 342
- ✘ 3. 456
- ✘ 4. 228

Q.90 The least number which, when diminished by 9, is divisible by 13, 20, 10 and 23 is:

Ans
- ✔ 1. 5989
- ✘ 2. 6035
- ✘ 3. 6010
- ✘ 4. 6015

Q.91 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WOM CVS ICY OJE ?

Ans
- ✘ 1. UKQ
- ✘ 2. KUQ
- ✔ 3. UQK
- ✘ 4. KQU

Q.92 Who holds the position of President of the International Criminal Court (as of April 2025)?

Ans
- ✔ 1. Judge Tomoko Akane
- ✘ 2. Judge Karim AA Khan
- ✘ 3. Judge Silvia Fernández de Gurmendi
- ✘ 4. Judge Piotr Hofmański

Q.93 Daksh travels 445 km at 89 km/hr, the next 495 km at 55 km/hr and the next 250 km at 50 km/hr. What is his average speed (in km/hr) for the whole journey? (Corrected to two decimal places)

Ans
- ✔ 1. 62.63
- ✘ 2. 66.77
- ✘ 3. 57.21
- ✘ 4. 61.14

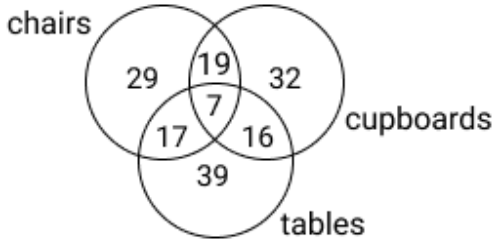
Q.94 In a certain code language, 'FAST' is coded as '2468' and 'SLOW' is coded as '1327'. What is the code for 'S' in the given code language?

Ans
- ✘ 1. 7
- ✘ 2. 6
- ✔ 3. 2
- ✘ 4. 1

Q.95 How can a foreigner who has lived in India for 12 years acquire Indian citizenship?

Ans
- ✘ 1. By birth
- ✔ 2. By naturalisation
- ✘ 3. By descent
- ✘ 4. By registration

Q.96 Study the given Venn diagram carefully and answer the question that follows.



The numbers in different sections indicate the number of pieces of furniture. How many chairs are there which are also cupboards but not tables?

Ans
- ✗ 1. 17
- ✓ 2. 19
- ✗ 3. 29
- ✗ 4. 7

Q.97 The curved surface area of a cylinder is half of its total surface area. If its height is 102 cm, then find its radius (in cm).

Ans
- ✗ 1. 103
- ✗ 2. 108
- ✗ 3. 100
- ✓ 4. 102

Q.98 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: ONJ :: VUQ : %

Ans
- ✗ 1. # = UIM, % = STN
- ✓ 2. # = RQM, % = SRN
- ✗ 3. # = RIO, % = ASN
- ✗ 4. # = RYM, % = PRN

Q.99 In most Unix-based operating systems, which command is used to create an empty file if the file does not already exist?

Ans
- ✗ 1. cp
- ✗ 2. mkdir
- ✓ 3. touch
- ✗ 4. mkfile

Q.100 The sum of 6 numbers is 300. Find their average.

Ans
- ✗ 1. 51
- ✗ 2. 49
- ✗ 3. 48
- ✓ 4. 50

Test Date	11/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **C is the third proportional of 29 and B. If B is the sum of the first three even natural numbers, then find the value of C.**
(Rounded off to two decimal places)

Ans
✗ 1. 3.53
✗ 2. 3.85
✗ 3. 7.64
✓ 4. 4.97

Q.2 **Which of the following rivers flows through Rajasthan?**

Ans
✗ 1. Teesta
✗ 2. Tapi
✓ 3. Luni
✗ 4. Jhelum

Q.3 **Who among the following won the 2024 US Open Women's Singles title?**

Ans
✗ 1. Coco Gauff
✗ 2. Iga Świątek
✓ 3. Aryna Sabalenka
✗ 4. Elena Rybakina

Q.4 **Which of the following numbers is divisible by both 6 and 31?**

Ans
✓ 1. 3720
✗ 2. 2132
✗ 3. 4916
✗ 4. 2858

Q.5 **Which of the following is the primary basis for allocating seats in the Rajya Sabha among various States and Union Territories in India?**

Ans
✗ 1. Economic contribution of each state
✓ 2. Population of each state or union territory
✗ 3. Geographical area of each state
✗ 4. Literacy rate of the population

Q.6 In a certain code language, 'PACE' is coded as '2468' and 'COST' is coded as '1327'. What is the code for 'C' in the given code language?

Ans
- ✗ 1. 6
- ✗ 2. 1
- ✗ 3. 7
- ✓ 4. 2

Q.7 The quadratic equation $2x^2 + 4x + 8 = 0$ has:

Ans
- ✗ 1. two equal real roots
- ✗ 2. two distinct real roots
- ✗ 3. more than 2 real roots
- ✓ 4. no real roots

Q.8 If '+' means '–', '–' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?

55 – 8 ÷ 3 + 15 × 5 = ?

Ans
- ✓ 1. 440
- ✗ 2. 400
- ✗ 3. 420
- ✗ 4. 450

Q.9 Pipes A and B can fill an empty cistern in 84 minutes and 36 minutes, respectively. Both Pipe A and Pipe B are opened together. After how much time should Pipe B be turned off so that the empty cistern is completely filled in a total of 42 minutes?

Ans
- ✓ 1. 18 minutes
- ✗ 2. 12 minutes
- ✗ 3. 15 minutes
- ✗ 4. 24 minutes

Q.10 What was the sex ratio in India as per the 2011 Census data?

Ans
- ✓ 1. 943 females per 1000 males
- ✗ 2. 950 females per 1000 males
- ✗ 3. 940 females per 1000 males
- ✗ 4. 948 females per 1000 males

Q.11 Which Indian state shares its border with Bhutan and Bangladesh?

Ans
- ✓ 1. Assam
- ✗ 2. Meghalaya
- ✗ 3. Mizoram
- ✗ 4. Sikkim

Q.12 This question is based on the five, three-digit numbers given below.

(Left) 236 758 230 563 263 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

Ans
- ✓ 1. 5
- ✗ 2. 6
- ✗ 3. 8
- ✗ 4. 4

Q.13 According to the Periodic Labour Force Survey (PLFS) report, what was the Labour Force Participation Rate (LFPR) for women in 2021-22?

Ans
- ✗ 1. 42.7%
- ✗ 2. 23.5%
- ✗ 3. 14.8%
- ✓ 4. 32.8%

Q.14 The Maitrakas of Valabhi were initially the:

Ans
- ✗ 1. rivals of the Guptas
- ✓ 2. subordinates of the Guptas
- ✗ 3. rulers of an independent empire
- ✗ 4. part of the Hunas

Q.15 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: NHP :: RLT : %

Ans
- ✗ 1. # = OIR , % = QKS
- ✗ 2. # = OIQ , % = QLS
- ✗ 3. # = OIQ , % = QKR
- ✓ 4. # = OIQ , % = QKS

Q.16 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. B sits fourth to the right of R. Only two people sit between T and D when counted from the left of T. A sits third to the left of C. S is an immediate neighbour of C and D. How many people sit between B and S when counted from the left of S?

Ans
- ✗ 1. Two
- ✗ 2. One
- ✗ 3. Three
- ✓ 4. Four

Q.17 This question is based on the five, three-digit numbers given below.

(Left) 144 743 290 258 799 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

Ans
- ✓ 1. −5
- ✗ 2. −4
- ✗ 3. −6
- ✗ 4. −2

Q.18 What is the mode of the following data?
77, 86, 89, 74, 69, 84, 87, 80, 60, 64, 79, 63, 83, 82, 81, 89, 80, 69, 73, 74, 87, 68, 74, 77, 67, 74

Ans
- ✓ 1. 74
- ✗ 2. 86
- ✗ 3. 89
- ✗ 4. 77

Q.19 What sum of money (in ₹) will amount to ₹720 at 4% per annum simple interest in 5 years?

Ans

✔ 1. 600

✘ 2. 650

✘ 3. 550

✘ 4. 3,600

Q.20 Two positive numbers differ by 2858. When the greater number is divided by the smaller number, the quotient is 5 and the remainder is 178. What is the HCF of the greater of the two given numbers and 3828?

Ans

✘ 1. 17

✘ 2. 13

✔ 3. 12

✘ 4. 11

Q.21 Which of the following statements is true about the Permanent Lok Adalat under Section 22-B of The Legal Services Authorities Act, 1987?

Ans

✘ 1. The award of the Permanent Lok Adalat is not binding on the parties.

✘ 2. The Permanent Lok Adalat has jurisdiction over disputes related to criminal offences.

✘ 3. The Permanent Lok Adalat can only act as a conciliator and cannot decide disputes.

✔ 4. The Permanent Lok Adalat can handle cases up to a certain monetary limit (currently ₹1 crore).

Q.22 What was the unknown element under aluminium called?

Ans

✘ 1. Neo-Aluminium

✘ 2. Proto-Aluminium

✔ 3. Eka-Aluminium

✘ 4. Meta-Aluminium

Q.23 As per the SDG India Index 2023-24, what was the estimated percentage of reduction in the population living in multidimensional poverty between 2015-16 and 2019-21?

Ans

✘ 1. From 30% to 20%

✔ 2. From 24.8% to 14.96%

✘ 3. From 20% to 12%

✘ 4. From 15% to 10%

Q.24 What should come in place of the question mark (?) in the given series?

402 400 396 390 382 ?

Ans

✘ 1. 376

✘ 2. 370

✔ 3. 372

✘ 4. 374

Q.25 In this question, a group of numbers is coded by using letters and symbols as per the table given below and the conditions which follow.

Number	7	8	2	3	4	5	6
Code	Z	Q	#	@	%	$	U

Conditions:

1. If the 1st and 2nd digits are even, both are to be coded as 'A'.
2. If the 1st and last digits are odd, both are to be coded as the code for the 1st digit.
3. If the 3rd and 4th digits are even, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the given digits?

48719

Ans

✗ 1. Q Q Z J S

✗ 2. % Q Z J S

✓ 3. A A Z J S

✗ 4. % % Z J S

Q.26 A shopkeeper marks the price of an article at ₹5,960. Find the cost price if after allowing a discount of 9% he still gains 30% on the cost price.

Ans

✗ 1. ₹4,277

✗ 2. ₹4,154

✓ 3. ₹4,172

✗ 4. ₹4,142

Q.27 Which of the following is not a 'Ghana Vadya'?

Ans

✓ 1. Mridangam

✗ 2. Manjira

✗ 3. Khartal

✗ 4. Jaltarang

Q.28 Which of the following statements about Small Causes Courts is correct?

Ans

✗ 1. They can hear appeals from Nyaya Panchayats.

✗ 2. They deal exclusively with criminal cases of a minor nature.

✓ 3. Their decisions are final but subject to High Court's revision.

✗ 4. They exist in all states under a uniform nomenclature.

Q.29 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ZYB GFI NMP UTW ?

Ans

✗ 1. BDA

✗ 2. ADB

✓ 3. BAD

✗ 4. ABD

Q.30 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only two people sit between T and Q when counted from the left of Q. U sits third to the left of S. P sits to the immediate right of S. P sits second to the left of T. V is an immediate neighbour of U. How many people sit between Q and R when counted from the left of R?

Ans

✗ 1. 4

✓ 2. 2

✗ 3. 3

✗ 4. 1

Q.31 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EK19, GM28, IO37, KQ46, ?

Ans

✗ 1. MR56

✗ 2. MR55

✓ 3. MS55

✗ 4. MS56

Q.32 According to the United Nations Convention on the Law of the Sea (UNCLOS), India's Exclusive Economic Zone (EEZ) extends upto _____.

Ans

✗ 1. 500 nautical miles

✗ 2. 300 nautical miles

✗ 3. 400 nautical miles

✓ 4. 200 nautical miles

Q.33 From a point 15 m away from the base of a tree, the angle of elevation to the top is 45°. What is the height of the tree?

Ans

✗ 1. 10 m

✗ 2. 18 m

✓ 3. 15 m

✗ 4. 12 m

Q.34 Who among the following has been appointed as the Private Secretary to the Prime Minister Narendra Modi in March 2025?

Ans

✗ 1. Anju Rathi

✗ 2. Amitabh Kant

✗ 3. Ajay Bhadoo

✓ 4. Nidhi Tewari

Q.35 What happens when you use the Format Painter tool in MS Word?

Ans

✗ 1. It changes the page orientation.

✗ 2. It inserts a hyperlink.

✗ 3. It deletes the selected text.

✓ 4. It copies formatting (e.g., font, color) from one piece of text to another.

Q.36 Akshay has ₹1,218 with him. He divided it amongst his sons Arjun and Kartik and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Arjun and Kartik got the same amount after 12 and 13 years, respectively. How much amount (in ₹) did Akshay give to Kartik?

Ans

✗ 1. ₹430

✓ 2. ₹580

✗ 3. ₹638

✗ 4. ₹738

Q.37 Which feature of the phosphodiester bond contributes most to the overall negative charge of the DNA molecule?

Ans

✓ 1. The phosphate group's ionisable oxygen atoms

✗ 2. The ribose sugar

✗ 3. The methyl group of thymine

✗ 4. The nitrogen in purines

Q.38 **Which of the following statements regarding the Supreme Court's interim order in the Ranveer Allahbadia case (February 2025) is/are correct?**
The Supreme Court granted interim protection to Allahbadia but harshly criticised his remarks as obscene and vulgar.
The Court ruled that Allahbadia was free to travel abroad without any restrictions since the remarks were made behind a paywall.

Ans
- ✗ 1. Neither 1 nor 2
- ✗ 2. Both 1 and 2
- ✗ 3. Only 2
- ✓ 4. Only 1

Q.39 **The mean and the mode of a set of data are 47.4 and 61.6, respectively. Find the median of the data set, using the empirical formula.**
(Round off your answer to one decimal place.)

Ans
- ✗ 1. 53.8
- ✓ 2. 52.1
- ✗ 3. 51.7
- ✗ 4. 52.7

Q.40 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**
 # : LIE :: SPL : %

Ans
- ✓ 1. # = OLH, % = PMI
- ✗ 2. # = PQH, % = GVI
- ✗ 3. # = OLT, % = OAI
- ✗ 4. # = OOI, % = PDF

Q.41 **The Charter Act of 1833 created a separate _____.**

Ans
- ✗ 1. Federal Court
- ✗ 2. Supreme Court in Madras
- ✓ 3. Law Commission in India
- ✗ 4. Legislative Assembly in Delhi

Q.42 **Which of the following cities hosted the important 20th Dialogue event in December 2024?**

Ans
- ✗ 1. Doha, Qatar
- ✓ 2. Manama, Bahrain
- ✗ 3. Riyadh, Saudi Arabia
- ✗ 4. Abu Dhabi, UAE

Q.43 **Singphos' Rebellion is associated with which region of present day India?**

Ans
- ✗ 1. Tripura
- ✓ 2. Assam
- ✗ 3. Manipur
- ✗ 4. Arunachal Pradesh

Q.44 **Which seasonal change marks the withdrawal of monsoon in India?**

Ans
- ✗ 1. Rise in daytime temperature
- ✓ 2. Southward shift of ITCZ
- ✗ 3. Onset of monsoon
- ✗ 4. Return of polar jet

Q.45 In quadrilateral PQRS, $\angle P$, $\angle Q$, $\angle R$ and $\angle S$ taken in order are in the ratio 2 : 8 : 3 : 7. Which type of quadrilateral is PQRS?

Ans

✔ 1. Trapezium

✗ 2. Rhombus

✗ 3. Kite

✗ 4. Square

Q.46 **Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.**

(Left) 1 6 $ 1 * 6 5 9 6 % % 1 * * £ 2 * 6 5 $ @ 6 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans

✔ 1. 3

✗ 2. 4

✗ 3. 2

✗ 4. 5

Q.47 **A man spends 40% of his monthly salary on house rent. If every month, he also spends ₹442 on conveyance and ₹9,115 on grocery and saves the remaining ₹946, his monthly salary is:**

Ans

✗ 1. ₹17,603

✗ 2. ₹17,468

✔ 3. ₹17,505

✗ 4. ₹17,475

Q.48 **What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?**

151 ÷ 3 + 168 × 8 − 145 = ?

Ans

✔ 1. 577

✗ 2. 557

✗ 3. 547

✗ 4. 567

Q.49 **The volume of a right circular cone is 1078 cm^3. Find the total surface area of the cone if its height is 21 cm. (Use π = 22/7)**

Ans

✗ 1. 154 cm^2

✗ 2. $154\sqrt{10}\ cm^2$

✔ 3. $154(1+\sqrt{10})\ cm^2$

✗ 4. $22(7+\sqrt{10})\ cm^2$

Q.50 **A can finish a work in 2 days and B can do the same work in 52 days. B worked alone for 26 days and left the job. In how many days can A alone finish the remaining work?**

Ans

✗ 1. 3

✗ 2. 2

✔ 3. 1

✗ 4. 4

Q.51 What will come in place of the question mark (?) in the following equation if '÷' and '–' are interchanged and '×' and '+' are interchanged?

56 + 41 ÷ 12054 – 123 × 891 = ?

Ans
- ✗ 1. 811
- ✓ 2. 3089
- ✗ 3. 1307
- ✗ 4. 1557

Q.52 What should come in place of the question mark (?) in the given series?

99 92 105 98 111 104 ? 110

Ans
- ✓ 1. 117
- ✗ 2. 92
- ✗ 3. 125
- ✗ 4. 97

Q.53 Who was appointed the new Director General of the International Solar Alliance (ISA) in November 2024?

Ans
- ✗ 1. Ajay Mathur
- ✗ 2. Upendra Tripathy
- ✓ 3. Ashish Khanna
- ✗ 4. RK Singh

Q.54 In a certain code language, 'LATE' is coded as '8054' and 'TEAM' is coded as '4087'. What is the code for 'M' in the given code language?

Ans
- ✗ 1. 4
- ✗ 2. 8
- ✗ 3. 0
- ✓ 4. 7

Q.55 35 is related to 70 following a certain logic. Following the same logic, 24 is related to 48. To which of the following is 11 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ 1. 23
- ✗ 2. 20
- ✗ 3. 21
- ✓ 4. 22

Q.56 In February 2025, the Broadcast Services Regulation Bill, 2023 was introduced in the Parliament. What is a key provision under this draft legislation?

Ans
- ✓ 1. Unified regulation of cable, satellite and OTT platforms
- ✗ 2. Mandatory pre-censorship of digital news content
- ✗ 3. Transfer of all broadcasting regulation powers to state governments
- ✗ 4. Ban on airing foreign content between 7 p.m. and 10 p.m.

Q.57 Which of the following tree species is an example of deciduous vegetation in India?

Ans
- ✗ 1. Babool
- ✗ 2. Bamboo
- ✓ 3. Sal
- ✗ 4. Deodar

Q.58 A hollow spherical shell is made of a metal of density 21 g/cm^3. Its internal and external radii are 8 cm and 9 cm, respectively. What is the weight (in kg) of the shell?

$(\text{Use } \pi = \frac{22}{7}, \text{Density} = \frac{\text{Mass}}{\text{Volume}})$

Ans

✗ 1. 21.03

✓ 2. 19.096

✗ 3. 20.34

✗ 4. 16.096

Q.59 What was the life expectancy at birth in India as per the 2021 World Health Organization data?

Ans

✗ 1. 70.8 years

✓ 2. 67.3 years

✗ 3. 65.3 years

✗ 4. 72.1 years

Q.60 The product of two consecutive positive integers is 960. If the smaller of these two integers is represented by x, which of the options below will correspond to the equation for finding the value of x?

Ans

✗ 1. $x^2 - x + 960 = 0$

✓ 2. $x^2 + x - 960 = 0$

✗ 3. $x^2 - x - 960 = 0$

✗ 4. $x^2 + x + 960 = 0$

Q.61 "Swadesh Sevak Home" is related to which of the following national freedom initiatives?

Ans

✗ 1. Home Rule Movement

✓ 2. Ghadar Movement

✗ 3. Non-Cooperation Movement

✗ 4. Swadeshi Movement

Q.62 VBDP is related to ZWHK in a certain way based on the English alphabetical order. In the same way, DRLF is related to HMPA. To which of the following is LHTV related, following the same logic?

Ans

✗ 1. OCWR

✗ 2. QBYR

✗ 3. QDYP

✓ 4. PCXQ

Q.63 P is a point outside a circle and is 17 cm away from its centre. A secant drawn from the point P intersects the circle at points A and B in such a way that PA = 8 cm and AB = 7 cm, where PB > PA. The radius of the circle is:

Ans

✓ 1. 13 cm

✗ 2. 12 cm

✗ 3. 15 cm

✗ 4. 14 cm

Q.64 Mr. T starts from Point D and drives 3 km towards the east. He then takes a right turn, drives 7 km, turns right and drives 6 km. He then takes a right turn and drives 4 km, and then turns right and drives 3 km. He takes a final left turn, drives 1 km and stops at Point H. How far (shortest distance) and towards which direction should he drive in order to reach Point D again? (All turns are 90 degree turns only unless specified.)

Ans

✗ 1. 2 km towards the south

✗ 2. 7 km towards the west

✗ 3. 5 km towards the east

✓ 4. 2 km towards the north

Q.65 In a certain code language,
'A + B' means 'A is the mother of B',
'A – B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M – N ÷ O + P × Q'?

Ans

✗ 1. Wife's Father's Brother

✗ 2. Wife's Mother's Father

✗ 3. Wife's Father's Father

✓ 4. Wife's Mother's Father's Brother

Q.66 Which of the following states announced the 'Ama Similipal Yojana' with a budget outlay of ₹50 crore to enhance livelihoods and promote ecotourism and cultural tourism?

Ans

✗ 1. Karnataka

✗ 2. Assam

✗ 3. Madhya Pradesh

✓ 4. Odisha

Q.67 What is the standard method to save your work in PowerPoint?

Ans

✗ 1. Select 'Save' from the Design tab

✓ 2. Use the File tab and select 'Save' or press Ctrl + S

✗ 3. Exit the program without saving

✗ 4. Click on the Insert tab

Q.68 Simplify: $34 \div \left\{4 \times \left(\frac{9}{9} \text{ of } \frac{9}{8}\right)\right\}$

Ans

✓ 1. $\frac{68}{9}$

✗ 2. $\frac{61}{9}$

✗ 3. $\frac{71}{9}$

✗ 4. $\frac{76}{9}$

Q.69 The Maski Ashoka Inscription is situated in which state of India?

Ans

✗ 1. Bihar

✗ 2. Andhra Pradesh

✗ 3. Odisha

✓ 4. Karnataka

Q.70 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some water is pink.
All pink are buildings.
All buildings are tall.

Conclusions:
(I) Some pink is water.
(II) Some buildings are pink.

Ans
✔ 1. Both conclusions (I) and (II) follow.
✘ 2. Neither conclusion (I) nor (II) follows.
✘ 3. Only conclusion (II) follows.
✘ 4. Only conclusion (I) follows.

Q.71 The average of three numbers is 23. If two numbers are 11 and 25, the third number is:

Ans
✘ 1. 34
✘ 2. 32
✘ 3. 35
✔ 4. 33

Q.72 A trader lost 5% by selling a shirt for ₹950. He will gain x% by selling it for ₹1,360. The value of x is:

Ans
✘ 1. 51
✘ 2. 46
✔ 3. 36
✘ 4. 26

Q.73 Which output device is specifically designed to produce high-quality printed graphics and text?

Ans
✘ 1. Joystick
✔ 2. Inkjet Printer
✘ 3. Dot Matrix Printer
✘ 4. Projector

Q.74 Which keyboard shortcut is used to make the selected text bold in MS Word 365?

Ans
✘ 1. Ctrl + I
✔ 2. Ctrl + B
✘ 3. Ctrl + D
✘ 4. Ctrl + U

Q.75 Who among the following is appointed as the President of the upcoming COP30 Summit?

Ans
✘ 1. Luiz Inácio Lula da Silva
✘ 2. Marina Silva
✔ 3. André Aranha Corrêa do Lago
✘ 4. Jair Bolsonaro

Q.76 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only two boxes are kept between T and E. Only S is kept above G. No box is kept below E. D is kept at some place below F but at some place above U. Which box is kept third above U?

Ans

✗ 1. G

✗ 2. D

✗ 3. T

✓ 4. F

Q.77 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✓ 1. LKP

✗ 2. QRU

✗ 3. EFI

✗ 4. MNQ

Q.78 In November 2024, NITI Aayog launched the 'Accelerating Sustainable State Energy Transition (ASSET)' initiative. What is the primary objective of this initiative?

Ans

✗ 1. To develop nuclear energy infrastructure across states

✗ 2. To enhance energy efficiency in industrial sectors

✓ 3. To support states in achieving their renewable energy targets

✗ 4. To promote electric vehicle adoption in urban areas

Q.79 The sum of the age of A and 4 times the age of B is 34 years. When 3 times the age of A is added to 7 times the age of B, the result is 97 years. The sum of the ages (in years) of A and B is:

Ans

✗ 1. 28

✓ 2. 31

✗ 3. 33

✗ 4. 30

Q.80 The population of a village was 1,10,000. It increased by 5% in the first year and increased by 25% in the second year. Its population after two years is _____.

Ans

✓ 1. 1,44,375

✗ 2. 1,37,500

✗ 3. 1,15,500

✗ 4. 1,43,000

Q.81 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : NHO :: SMT : %

Ans

✓ 1. # = PJQ, % = QKR

✗ 2. # = PJQ, % = QLR

✗ 3. # = PJO, % = QKR

✗ 4. # = PJQ, % = QKS

Q.82 C, O, U, N, T, and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only two people live above C. Only two people live between C and T. Only N lives between C and U. Y lives immediately below C. Who lives on the floor, numbered 2?

Ans
- ✗ 1. T
- ✗ 2. N
- ✗ 3. U
- ✓ 4. O

Q.83 T travelled 576 km, 630 km and 315 km at the speeds of 16 km/hr, 7 km/hr and 9 km/hr, respectively. Find his average speed in km/hr.

Ans
- ✗ 1. $10\frac{78}{161}$
- ✗ 2. $10\frac{70}{161}$
- ✓ 3. $9\frac{72}{161}$
- ✗ 4. $9\frac{73}{161}$

Q.84 In Windows 10 File Explorer, how can you group files by their type?

Ans
- ✗ 1. Use the 'View' tab and select 'Details'
- ✓ 2. Use the 'Group by' option and select 'Type'
- ✗ 3. Rename all files with the same type
- ✗ 4. Use the 'Sort by' option and select 'Name'

Q.85 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only three boxes are kept below B. Only two boxes are kept between B and G. Only A is kept immediately above E. F is kept in some place below D and in some place above C. How many boxes are kept below C?

Ans
- ✗ 1. 2
- ✗ 2. 4
- ✓ 3. 1
- ✗ 4. 3

Q.86 What is the term duration for representatives in municipalities in India?

Ans
- ✗ 1. 7 years
- ✗ 2. 10 years
- ✗ 3. 3 years
- ✓ 4. 5 years

Q.87 Town P is to the east of Town Q. Town Q is to the south of Town R. Town R is to the east of Town S. Town S is to the west of Town T. Town P is to the south-west of Town T. What is the position of Town R with respect to Town T?

Ans
- ✓ 1. West
- ✗ 2. South
- ✗ 3. East
- ✗ 4. North

Q.88 After allowing a discount of 80%, the value of an oven is ₹5,180. If no discount is allowed, then the shopkeeper gains 48%. Find the cost price (in ₹) of the oven.

Ans

✗ 1. 17,502

✗ 2. 17,503

✗ 3. 17,501

✓ 4. 17,500

Q.89 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3816427, how many digits will appear more than once in the new number thus formed?

Ans

✗ 1. Four

✗ 2. One

✓ 3. Two

✗ 4. Three

Q.90 The mean proportional between $(18 + 8\sqrt{2})$ and $(15 - 2\sqrt{2})$ is:

Ans

✓ 1. $\sqrt{238+84\sqrt{2}}$

✗ 2. $\sqrt{238+36\sqrt{2}}$

✗ 3. $\sqrt{238+110\sqrt{2}}$

✗ 4. $\sqrt{238+120\sqrt{2}}$

Q.91 What is the central theme of the first five anthologies (Kuruntokai, Narrinai, Akananuru, Ainkurunuru, and Kalittokai) of the Ettuttokai in the Sangam literature?

Ans

✗ 1. Philosophy

✓ 2. Akam

✗ 3. Religion

✗ 4. Puram

Q.92 Walking at $\frac{5}{7}$ of his normal speed, Manish is 20 minutes late in reaching his office.

The usual time taken by him to cover the distance between his home and his office is:

Ans

✗ 1. 56 minutes

✗ 2. 42 minutes

✓ 3. 50 minutes

✗ 4. 49 minutes

Q.93 In acidic medium, the balanced redox reaction for $MnO_4^- + Fe^{2+} \rightarrow Mn^{2+} + Fe^{3+}$ is:

Ans

✗ 1. $MnO_4^- + 3Fe^{2+} + 2H^+ \rightarrow MnO_2 + Fe^{3+} + H_2O$

✓ 2. $MnO_4^- + 5Fe^{2+} + 8H^+ \rightarrow Mn^{2+} + 5Fe^{3+} + 4H_2O$

✗ 3. $MnO_4^- + 2Fe^{2+} + H_2O \rightarrow Mn^{2+} + Fe^{3+}$

✗ 4. $MnO_4^- + Fe^{2+} \rightarrow MnO_2 + Fe^{3+}$

Q.94 In February 2025, what was the protein isoform '1N4R tau' identified by the University of Cologne being explored for?

Ans

✗ 1. Managing chronic kidney disorders

✗ 2. Preventing insulin resistance

✓ 3. Treating Alzheimer's disease

✗ 4. Curing sickle cell anemia

Q.95 Given that $146^{0.93} = x$, $146^{0.22} = y$ and $x^z = y^7$, then the value of z is close to:

Ans
- ✗ 1. 2.61
- ✗ 2. 3.6
- ✓ 3. 1.66
- ✗ 4. 5.05

Q.96 The average of Anwar's marks in seven subjects is 75. His average in six subjects excluding Science is 70. How many marks did he get in Science?

Ans
- ✓ 1. 105
- ✗ 2. 107
- ✗ 3. 104
- ✗ 4. 106

Q.97 Which is NOT an advantage of a Lok Adalat?

Ans
- ✗ 1. Binding decisions
- ✗ 2. Speedy resolution
- ✗ 3. No court fees
- ✓ 4. Right to appeal

Q.98 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. NK−LI
- ✗ 2. TQ−RO
- ✓ 3. KH−HH
- ✗ 4. YV−WT

Q.99 Which of the following ratios is the greatest?

Ans
- ✓ 1. 33 : 51
- ✗ 2. 37 : 64
- ✗ 3. 32 : 86
- ✗ 4. 26 : 59

Q.100 In December 2024, India mourned the passing of Dr Manmohan Singh. In which year did Dr Manmohan Singh first become the Prime Minister of India?

Ans
- ✓ 1. 2004
- ✗ 2. 1999
- ✗ 3. 2001
- ✗ 4. 1991

Test Date	11/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Under which Article of the Indian Constitution does the High Court exercise its original jurisdiction by issuing writs?**

Ans
✔ 1. Article 226
✘ 2. Article 245
✘ 3. Article 231
✘ 4. Article 32

Q.2 **Consider the following statements about Exercise LA PEROUSE, in which India participated in January 2025.**
The Indian Navy participated in the 4th edition of the exercise with INS Mumbai, a guided missile destroyer.
The exercise was held in Indian territorial waters near the Andaman and Nicobar Islands.
India's participation aligns with its SAGAR vision to promote maritime cooperation in the Indo-Pacific.
It is a bilateral naval exercise conducted exclusively between India and Indonesia.

Which of the above statements are correct?

Ans
✔ 1. Only 1 and 3
✘ 2. Only 1, 3 and 4
✘ 3. Only 1, 2 and 4
✘ 4. Only 2 and 3

Q.3 **What is the title of the poetry collection by Michael Madhusudan Dutt, published in 1849, that narrates the story of Prithviraj Chauhan?**

Ans
✘ 1. The Noble King
✘ 2. The Warrior's Tale
✔ 3. The Captive Lady
✘ 4. Echoes of Rajputana

Q.4 **Which of the following dance forms represents the love stories of Radha and Krishna?**

Ans
✔ 1. Raslila
✘ 2. Kalbelia
✘ 3. Giddha
✘ 4. Matki

Q.5 Three numbers are in the ratio 5 : 1 : 7, and their LCM is 7595. Their HCF is:

Ans
✗ 1. 259
✗ 2. 208
✓ 3. 217
✗ 4. 236

Q.6 Simplify: $10 \times (24 - 12) + \left(\frac{165}{33}\right)$

Ans
✓ 1. 125
✗ 2. 127
✗ 3. 122
✗ 4. 126

Q.7 In December 2024, which industrial company was certified as a 'Great Place to Work'?

Ans
✓ 1. Steel Authority of India Limited (SAIL)
✗ 2. National Thermal Power Corporation (NTPC)
✗ 3. Bharat Heavy Electricals Limited (BHEL)
✗ 4. Gas Authority Of India Ltd. (GAIL)

Q.8 In a certain code language, 'HIRE' is coded as '7539' and 'INKS' is coded as '2496'. What is the code for 'I' in the given code language?

Ans
✗ 1. 2
✓ 2. 9
✗ 3. 6
✗ 4. 5

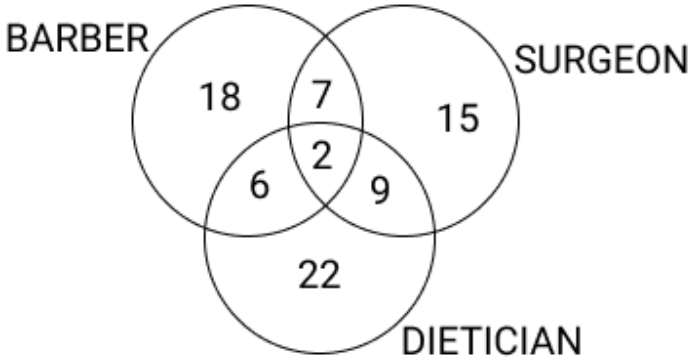
Q.9 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ 1. GC–ZV
✓ 2. LH–DC
✗ 3. CY–VR
✗ 4. RN–KG

Q.10 A retailer offers the following discount schemes for buyers on an article.
I. Two successive discounts of 27%
II. A discount of 7% followed by a discount of 6%
III. Successive discounts of 45% and 29%
IV. A discount of 20% followed by a discount of 38%
Which scheme will fetch the maximum selling price?

Ans
✗ 1. IV
✗ 2. III
✗ 3. I
✓ 4. II

Q.11 Study the given Venn diagram carefully and answer the question that follows.



The numbers in different sections indicate the number of persons. How many surgeons are there who are also dieticians but not barbers?

Ans
✗ 1. 22
✗ 2. 15
✓ 3. 9
✗ 4. 18

Q.12 In MS Word 365, which feature allows users to customise the appearance of bulleted lists by selecting different bullet styles or symbols and modifying their size and color?

Ans
✗ 1. Line Spacing
✗ 2. List Style
✓ 3. Bullet Library
✗ 4. Format Painter

Q.13 Which of the following is/are correct with respect to the World Trade Organization (WTO)?

1. WTO agreements cover trade in goods as well as services to facilitate international trade.
2. It aims to remove tariff as well as non-tariff barriers and provide greater market access to all member countries.
3. India has kept its commitments towards liberalisation of trade, made in the WTO, by removing quantitative restrictions on imports and reducing tariff rates.

Ans
✗ 1. Only 1 and 2
✗ 2. Only 2 and 3
✗ 3. Only 1 and 3
✓ 4. 1, 2 and 3

Q.14 Due to decrease in manpower, the production in a factory decreases by 12%. By what percentage (rounded off to two decimal places) should the working hours be increased to restore the original production?

Ans
✗ 1. 16.67%
✗ 2. 12.33%
✓ 3. 13.64%
✗ 4. 23.23%

Q.15 Mr. U starts from Point F and drives 2 km towards the west. He then takes a left turn, drives 4 km, turns right and drives 10 km. He then takes a left turn and drives 4 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 2 km and stops at Point O. How far (shortest distance) and towards which direction should he drive in order to reach Point F again? (All turns are 90 degree turns only unless specified.)

Ans
✗ 1. 4 km towards the south
✗ 2. 6 km towards the west
✓ 3. 6 km towards the north
✗ 4. 8 km towards the east

Q.16 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

48 ÷ 14 − 168 × 3 + 47 =?

Ans
- ✔ 1. 681
- ✘ 2. 691
- ✘ 3. 671
- ✘ 4. 661

Q.17 The volume (in m^3) of a cube, each of whose edges is 25 m, is:

Ans
- ✘ 1. 15,583
- ✔ 2. 15,625
- ✘ 3. 15,529
- ✘ 4. 15,664

Q.18 Which of the following numbers is divisible by both 43 and 32?

Ans
- ✘ 1. 135131
- ✔ 2. 136224
- ✘ 3. 137005
- ✘ 4. 137868

Q.19 Which of the options below is equivalent to $216x^3 + 343y^3 + 756x^2y + 882xy^2$.

Ans
- ✘ 1. $(8x + 7y)^3$
- ✘ 2. $(7x + 6y)^3$
- ✔ 3. $(6x + 7y)^3$
- ✘ 4. $(6x + 10y)^3$

Q.20 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 6 £ & 8 4 * % 7 2 & 2 2 9 £ 1 & € 1 2 6 6 2 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✘ 1. 0
- ✔ 2. 1
- ✘ 3. 3
- ✘ 4. 2

Q.21 Which of the following forest-dwelling tribes, found in Uttarakhand, is known for seasonal migration and forest-based cattle herding?

Ans
- ✘ 1. Bhil
- ✘ 2. Tharu
- ✘ 3. Gaddi
- ✔ 4. Van Gujjar

Q.22 CK 17 is related to EG 29 in a certain way. In the same way, KM 12 is related to MI 24. To which of the given options is PQ 16 related, following the same logic?

Ans
- ✔ 1. RM 28
- ✘ 2. SP 33
- ✘ 3. PR 11
- ✘ 4. TV 29

Q.23 **What was the name of the new department opened by Muhammad Tughlaq for the development of agriculture?**

Ans

✔ 1. Diwan-i-Kohi

✘ 2. Diwan-i-Qaza

✘ 3. Diwan-i-Wizarat

✘ 4. Diwan-i-Risalat

Q.24 MN and XY are two parallel lines, there is a line BK which intersects these lines at points B and K, respectively. If $\angle NBK = 78^\circ$, find the measure of $\angle YKB$.

Ans

✘ 1. 92°

✔ 2. 102°

✘ 3. 72°

✘ 4. 82°

Q.25 ABCD is a quadrilateral in which AB || DC, and E and F are the mid points of the diagonals AC and BD, respectively. If AB = 14 cm, BC = 73 cm, DC = 90 cm and AD = 22 cm, then what is the length (in cm) of EF?

Ans

✘ 1. 34

✘ 2. 42

✔ 3. 38

✘ 4. 43

Q.26 Walking at $\frac{4}{5}$ of his normal speed, Vishal is 25 minutes late in reaching his office. The usual time taken by him to cover the distance between his home and his office is:

Ans

✔ 1. 100 minutes

✘ 2. 104 minutes

✘ 3. 92 minutes

✘ 4. 103 minutes

Q.27 **A person who spends 75% of his monthly income is able to save ₹5,538 per month. His monthly expenses (in ₹) are:**

Ans

✘ 1. 16,539

✘ 2. 16,589

✘ 3. 16,688

✔ 4. 16,614

Q.28 **M, N, O, P, Q, R and X are sitting around a circular table facing the centre of the table. Only four people sit between Q and R when counted from the right of Q. Q sits third to the left of X. P sits third to the left of M. N is an immediate neighbour of R and X. How many people sit between O and N when counted from the right of O?**

Ans

✘ 1. Three

✘ 2. One

✘ 3. Four

✔ 4. Two

Q.29 **What was Nishchay's achievement in the boys' shot put event at the Asian U-18 Athletics Championship 2025?**

Ans

✘ 1. Fourth place with a throw of 18.50 metres

✘ 2. Bronze medal with a throw of 18.93 metres

✔ 3. Silver medal with a throw of 19.59 metres

✘ 4. Gold medal with a throw of 20.23 metres

Q.30 GQCN is related to LNHK in a certain way based on the English alphabetical order. In the same way, QKMH is related to VHRE. To which of the given options is AEWB related, following the same logic?

Ans
- ✗ 1. FABX
- ✗ 2. GCAZ
- ✗ 3. EBCX
- ✓ 4. FBBY

Q.31 What should come in place of the question mark (?) in the given series?

222 194 166 138 110 82 ?

Ans
- ✗ 1. 60
- ✗ 2. 66
- ✗ 3. 42
- ✓ 4. 54

Q.32 After allowing a discount of 64%, the value of a water cooler is ₹6,480. If no discount is allowed, then the shopkeeper gains 20%. Find the cost price (in ₹) of the water cooler.

Ans
- ✓ 1. 15,000
- ✗ 2. 14,998
- ✗ 3. 14,999
- ✗ 4. 14,997

Q.33 What is the primary objective of the NPS Vatsalya scheme launched in 2024?

Ans
- ✓ 1. To offer a savings-cum-pension plan exclusively for minors
- ✗ 2. To support pension benefits for unorganised sector workers
- ✗ 3. To replace the existing National Pension System (NPS) for all age groups
- ✗ 4. To provide old-age pension to senior citizens living in rural areas

Q.34 What is the range of composite scores achieved by Union Territories (UTs) in the SDG India Index 2023-24?

Ans
- ✗ 1. 60 to 75
- ✗ 2. 75 to 85
- ✗ 3. 70 to 80
- ✓ 4. 65 to 77

Q.35 The ratio of market prices of jowar and gram is 2 : 5 and the ratio of quantities consumed in a family is 4 : 7. Find the ratio of expenditure of jowar and gram.

Ans
- ✗ 1. 9 : 36
- ✗ 2. 1 : 2
- ✓ 3. 8 : 35
- ✗ 4. 37 : 10

Q.36 In April 2025, the Reserve Bank of India (RBI) adjusted its monetary policy stance in response to global economic uncertainties. What was the new stance adopted by the RBI?

Ans
- ✗ 1. Restrictive
- ✗ 2. Hawkish
- ✓ 3. Accommodative
- ✗ 4. Neutral

Q.37 What percentage increase in cement production was recorded in FY24 due to the government's infrastructure push?

Ans

✗ 1. 5%

✗ 2. 9%

✗ 3. 11%

✓ 4. 7%

Q.38 Who among the following appointed a superintendent (Shahna-i-Mandi) for the effective implementation of market reforms?

Ans

✗ 1. Raziya Sultana

✗ 2. Muhammad Ghori

✓ 3. Alauddin Khilji

✗ 4. Ulugh Khan

Q.39 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(19, 354, 7)
(9, 73, 8)

Ans

✗ 1. (39, 1510, 10)

✗ 2. (28, 778, 5)

✗ 3. (22, 481, 2)

✓ 4. (3, −10, 19)

Q.40 In this question, a group of numbers is coded by using letters and symbols as per the table given below and the conditions which follow.

Number	7	8	2	3	4	5	6
Code	Z	Q	*	@	%	$	T

Conditions:
1. If the 1st and 2nd digits are even, both are to be coded as 'A'.
2. If the 1st and last digits are odd, both are to be coded as the code for the 1st digit.
3. If the 3rd and 4th digits are even, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following?

71628

Ans

✗ 1. Z J * * Q

✗ 2. Z J T T Q

✓ 3. Z J * T Q

✗ 4. Z J T * Q

Q.41 Which of the following options best explains the temporary cessation of rainfall during the southwest monsoon over parts of India?

Ans

✗ 1. Easterly trough development

✗ 2. Cross-equatorial surge

✗ 3. Subtropical jet interference

✓ 4. Break in monsoon

Q.42 **Which Indian Institute of Technology's Centre for Ocean, River, Atmosphere and Land Sciences (CORAL) found in its research that surface ozone pollution has emerged as a critical issue affecting India's agriculture?**

Ans
- ✔ 1. IIT Kharagpur
- ✘ 2. IIT Mumbai
- ✘ 3. IIT Guwahati
- ✘ 4. IIT Kanpur

Q.43 **Which of the following is true when you delete a file and it is placed in the Recycle Bin on Windows?**

Ans
- ✘ 1. The file is moved to the system's storage space but remains inaccessible until permanently deleted.
- ✘ 2. The file remains locked and cannot be accessed or deleted further.
- ✘ 3. The file is permanently removed from the system and cannot be restored.
- ✔ 4. The file can be restored by right-clicking it and selecting the 'Restore' option.

Q.44 **One pipe can fill the tank in 19 minutes while another pipe can empty the completely filled tank in 21 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill two-third of the tank?**

Ans
- ✘ 1. 266
- ✘ 2. 532
- ✘ 3. 399
- ✔ 4. 133

Q.45 **In a certain code language,**
'A + B' means 'A is the sister of B'
'A − B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M × N − O + P ÷ Q'?

Ans
- ✔ 1. Father's Brother's Wife
- ✘ 2. Mother's Brother's Daughter
- ✘ 3. Father's Brother's Daughter
- ✘ 4. Mother's Brother's Wife

Q.46 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**

 # : IPJ :: NUO : %

Ans
- ✘ 1. # = KRJ, % = NSM
- ✘ 2. # = KRL, % = NSL
- ✘ 3. # = KRL, % = NRM
- ✔ 4. # = KRL, % = LSM

Q.47 **Who was the leader of the 'Indian National Army' before Subhas Chandra Bose took charge?**

Ans
- ✘ 1. Ziaur Rahman
- ✔ 2. Mohan Singh
- ✘ 3. Shah Nawaz Khan
- ✘ 4. Pran Nath Thapar

Q.48 The simplified value of $\frac{(19^{19} \times 7^{9} \times 35^{7})}{(19^{18} \times 7^{8} \times 35^{6})}$ is:

Ans
- ✔ 1. 4655
- ✘ 2. 4660
- ✘ 3. 4661
- ✘ 4. 4654

Q.49 **Three persons P, Q, and R started a business with their shares in the ratio 11 : 8 : 20. After 9 months, Q withdrew his 35% share, while R withdrew his 14% share 7 months prior to completion of the year. If the total profit at the end of the year is ₹40,700, find the share of R (in ₹) in the profit.**

Ans
- ✔ 1. 20,387
- ✘ 2. 20,606
- ✘ 3. 20,529
- ✘ 4. 20,246

Q.50 **What was the theme of the 2024 International Conference of NGOs organised by UNESCO?**

Ans
- ✘ 1. Building Capacity for Achievement
- ✘ 2. Building Capacity for Innovation
- ✔ 3. Building Capacity for Action
- ✘ 4. Building Approachability for Action

Q.51 **The sum of the age of A and 4 times the age of B is 37 years. When 7 times the age of A is added to 6 times the age of B, the result is 61 years. The sum of the ages (in years) of A and B is:**

Ans
- ✘ 1. 6
- ✘ 2. 11
- ✔ 3. 10
- ✘ 4. 7

Q.52 **A trader lost 5% by selling a shirt for ₹950. He will gain x% by selling it for ₹1,340. The value of x is:**

Ans
- ✘ 1. 49
- ✘ 2. 44
- ✘ 3. 24
- ✔ 4. 34

Q.53 **Which major discovery helps to design drugs in the treatment of hyperacidity?**

Ans
- ✘ 1. The role of enzymes in digestion
- ✘ 2. The use of antibiotics to neutralize stomach acid
- ✔ 3. Histamine stimulates acid secretion in the stomach
- ✘ 4. Hydrochloric acid present in the stomach

Q.54 **A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. C lives on a floor that is a prime number. The product of floors on which C and B live is 8. E lives immediately above F. The sum of floors on which B and D live is 7. How many people live between A and D?**

Ans
- ✔ 1. 1
- ✘ 2. 4
- ✘ 3. 3
- ✘ 4. 2

Q.55 What is the main purpose of the taskbar in the Windows desktop interface?

Ans
- ✔ 1. It provides access to open and frequently used programs.
- ✘ 2. It displays web browser shortcuts.
- ✘ 3. It stores documents and media files.
- ✘ 4. It manages user login details.

Q.56 If the mode of a data set exceeds its mean by 17.7, then the mode exceeds the median by _____.
(Use empirical formula.)

Ans
- ✘ 1. 15.4
- ✘ 2. 9.8
- ✘ 3. 4.8
- ✔ 4. 11.8

Q.57 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 * * $ # 4 5 © © @ * 7 @ # & © 6 1 £ 9 8 4 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✘ 1. 3
- ✘ 2. 1
- ✘ 3. 4
- ✔ 4. 2

Q.58 The sum of 6 numbers is 288. Find their average.

Ans
- ✔ 1. 48
- ✘ 2. 49
- ✘ 3. 46
- ✘ 4. 47

Q.59 A ladder is leaning against a wall such that it makes an angle of 60° with the ground. If the length of the ladder is 10 metres, how far is the foot of the ladder from the wall?

Ans
- ✘ 1. 8 metres
- ✘ 2. 6 metres
- ✔ 3. 5 metres
- ✘ 4. 10 metres

Q.60 In a 2100 m circular race, Amit finishes one round in 42 seconds and Sumit finishes one round in 75 seconds. How many different meeting points are there on the circumference if they are running in the opposite directions?

Ans
- ✘ 1. 29
- ✔ 2. 39
- ✘ 3. 38
- ✘ 4. 49

Q.61 The average price of three items of furniture is ₹15,255. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

Ans
- ✔ 1. 9,153
- ✘ 2. 7,119
- ✘ 3. 3,051
- ✘ 4. 5,085

Q.62 What should come in place of the question mark (?) in the given series?

302 300 296 290 282 ?

Ans
- ✗ 1. 268
- ✓ 2. 272
- ✗ 3. 270
- ✗ 4. 274

Q.63 What sum of money (in ₹) will amount to ₹840 at 4% per annum simple interest in 3 years?

Ans
- ✓ 1. 750
- ✗ 2. 700
- ✗ 3. 800
- ✗ 4. 7,000

Q.64 The Dutch East India Company's trade on the Coromandel Coast registered a significant increase over the 17^{th} century due to:

Ans
- ✗ 1. the decline and collapse of the British influence in the region
- ✓ 2. an increase in the demand for textile from the south-east Asian markets
- ✗ 3. the result of White Mutiny
- ✗ 4. the establishment of trading posts in Goa and Surat

Q.65 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. BI-GN
- ✗ 2. GN-LS
- ✗ 3. HO-MT
- ✓ 4. TA-YE

Q.66 If 3 is a common root of quadratic equations $x^2 - 8x + P = 0$ and $x^2 + 4x + Q = 0$, then find the value of P + Q.

Ans
- ✗ 1. 3
- ✓ 2. −6
- ✗ 3. 6
- ✗ 4. −3

Q.67 In a certain code language 'QBOE' is coded as '76' and 'DWIJ' is coded as '69'. What is the code for 'YAPC' in the given language?

Ans
- ✗ 1. 74
- ✗ 2. 69
- ✗ 3. 72
- ✓ 4. 70

Q.68 What is the formula for density?

Ans
✗ 1. $\text{Density} = \frac{\text{Volume}}{\text{Mass}}$

✗ 2. $\text{Density} = \text{Mass} \times \text{Volume}$

✗ 3. $\text{Density} = \frac{\text{Weight}}{\text{Volume}}$

✓ 4. $\text{Density} = \frac{\text{Mass}}{\text{Volume}}$

Q.69 **Calculate the area of the triangle whose sides are 8 cm, 9 cm and 13 cm. (Rounded up to two decimal places)**

Ans
✗ 1. 35.97 cm^2

✗ 2. 35.03 cm^2

✗ 3. 35.85 cm^2

✓ 4. 35.50 cm^2

Q.70 **Which of the following acts of the East India Company mandated that selection for civil employees in British Indian territory would be based on the competitive examinations?**

Ans
✗ 1. Pitt's India Act 1784

✗ 2. Charter Act 1793

✓ 3. Charter Act 1853

✗ 4. Charter Act 1813

Q.71 **P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only two people sit between P and T when counted from the right of P. Only two people sit between T and V. Only three people sit between P and Q. R sits to the immediate left of U. How many people sit between Q and U when counted from the left of Q?**

Ans
✗ 1. 2

✗ 2. 3

✓ 3. 1

✗ 4. 4

Q.72 **According to the Global Entrepreneurship Monitor (GEM) 2025, which country has the highest Total Early-stage Entrepreneurial Activity (TEA) rate?**

Ans
✗ 1. United States

✗ 2. Brazil

✓ 3. United Arab Emirates

✗ 4. India

Q.73 **Rachel Kushner novel shortlisted for Booker 2024 is titled:**

Ans
✗ 1. A Brush with Love

✗ 2. Lizzie Blake's Best Mistake

✗ 3. The Plus One

✓ 4. Creation Lake

Q.74 Each of B, C, D, E, F, G and H has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only two people have exams after B. Only two people have exams between B and C. F has an exam immediately before E and H has an exam immediately after G. H has an exam on some days before F. On which day D has an exam?

Ans
- ✗ 1. Thursday
- ✓ 2. Monday
- ✗ 3. Sunday
- ✗ 4. Tuesday

Q.75 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

BORE - EOBR - ORBE
RUST - TURS - USRT

Ans
- ✗ 1. TORN - NOTR - ROTN
- ✓ 2. JUSL - LUJS - USJL
- ✗ 3. DOIR - DIOR - RIOD
- ✗ 4. CALE - ACLE - EALC

Q.76 If 3 is added to each even digit and 2 is added to each odd digit in the number 7135624, what will be the sum of the last two and first two digits in the new number thus formed?

Ans
- ✓ 1. 24
- ✗ 2. 18
- ✗ 3. 20
- ✗ 4. 22

Q.77 What is the mode of the following data?
78, 75, 86, 90, 83, 86, 74, 70, 67, 90, 81, 64, 83, 78, 90, 66, 60, 87, 72, 78, 66, 78, 84, 68, 66, 85, 78

Ans
- ✗ 1. 86
- ✗ 2. 75
- ✓ 3. 78
- ✗ 4. 90

Q.78 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

TCL ZIR FOX LUD ?

Ans
- ✓ 1. RAJ
- ✗ 2. AJR
- ✗ 3. RJA
- ✗ 4. ARJ

Q.79 Which Article of the Constitution of India states about a directive to states for the settlement of international disputes by arbitration?

Ans
- ✗ 1. Article 51c
- ✓ 2. Article 51d
- ✗ 3. Article 51e
- ✗ 4. Article 51b

Q.80 Which Directive Principle of State Policy is NOT added by the 42nd Constitutional Amendment Act of the Constitution of India?

Ans
- ✗ 1. Secure participation of workers in the management of industries
- ✓ 2. Promotion of democratic control of co-operative societies
- ✗ 3. Protection of the environment, forests and wildlife
- ✗ 4. Promotion of equal justice and to provide free legal aid to the poor

Q.81 India's territorial waters extend up to how many nautical miles from the baseline?

Ans
- ✗ 1. 100
- ✗ 2. 24
- ✗ 3. 200
- ✓ 4. 12

Q.82 If + means −, − means ×, × means ÷, and ÷ means +, what will come in place of the question mark (?) in the following equation?

45 – 2 ÷ 9 + 16 × 8 = ?

Ans
- ✗ 1. 80
- ✗ 2. 87
- ✓ 3. 97
- ✗ 4. 100

Q.83 6 : 42 :: 7.6 : x and 3 : 6 :: 6 : y. What is the ratio of x to y?

Ans
- ✓ 1. 133 : 30
- ✗ 2. 135 : 32
- ✗ 3. 134 : 28
- ✗ 4. 137 : 40

Q.84 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 753814, what will be the sum of all the even digits in the new number thus formed?

Ans
- ✓ 1. 20
- ✗ 2. 24
- ✗ 3. 16
- ✗ 4. 18

Q.85 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KP23, LQ32, MR41, NS50, ?

Ans
- ✗ 1. OW58
- ✗ 2. OT58
- ✓ 3. OT59
- ✗ 4. OW59

Q.86 Which unique property of Plasmodium makes malaria a cyclical disease with periodic fever?

Ans
- ✗ 1. Infection of liver cells only
- ✗ 2. Constant reinfection from environment
- ✓ 3. RBC rupture and toxin release every few days
- ✗ 4. Continual entry via mosquito bites

Q.87 Who among the following wrote the book 'Chhaunk: On Food, Economics and Society'?

Ans

✗ 1. Shaktikanta Das

✗ 2. Subramanian Swamy

✓ 3. Abhijit Banerjee

✗ 4. Raghuram Rajan

Q.88 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only two boxes are kept between B and G. Only C is kept above E. No box is kept below G. D is kept at some place below F but at some place above A. How many boxes are kept below F?

Ans

✗ 1. 3

✓ 2. 4

✗ 3. 2

✗ 4. 5

Q.89 Town J is to the north of Town K. Town K is to the east of Town L. Town L is to the west of Town M. Town M is to the south of Town N. Town J is to the south-west of Town N. What is the position of Town K with respect to Town M?

Ans

✗ 1. North

✗ 2. East

✗ 3. South

✓ 4. West

Q.90 What was the average annual growth rate of industries comprising mining, manufacturing and electricity during the post-reform period between 1991-92 and 2011-12?

Ans

✓ 1. 6.7%

✗ 2. 7.5%

✗ 3. 8.5%

✗ 4. 5.5%

Q.91 Pipes A and B can fill an empty cistern in 72 minutes and 76 minutes, respectively. Both Pipe A and Pipe B are opened together. After how much time should Pipe B be turned off so that the empty cistern is completely filled in a total of 54 minutes?

Ans

✗ 1. 13 minutes

✗ 2. 17 minutes

✓ 3. 19 minutes

✗ 4. 23 minutes

Q.92 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) & 2 6 9 5 7 & € 9 * % £ 7 © 5 3 3 @ 2 © % # (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans

✗ 1. 4

✓ 2. 3

✗ 3. 2

✗ 4. 5

Q.93 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 17% per annum is ₹967. Find the sum [rounded off to the nearest integer].

Ans

✗ 1. ₹33,480

✓ 2. ₹33,460

✗ 3. ₹33,473

✗ 4. ₹33,454

Q.94 Which of the following rivers is NOT a major river of the Great Plateau (Peninsular Plateau) of India?

Ans

✓ 1. Yamuna

✗ 2. Krishna

✗ 3. Godavari

✗ 4. Narmada

Q.95 What is one of the interventions included in the rural development programmes?

Ans

✗ 1. Expanding metro rail

✗ 2. Building skyscrapers

✓ 3. Providing road connectivity to unconnected villages

✗ 4. Developing urban airports

Q.96 Which initiative does the development of Vikram 3201 and Kalpana 3201 in 2025 align with?

Ans

✗ 1. Start-Up India initiative

✓ 2. Make in India campaign

✗ 3. Smart City Mission

✗ 4. Digital India campaign

Q.97 Which keyboard shortcut is used to quickly save a workbook in MS-Excel 365?

Ans

✗ 1. Ctrl + C

✗ 2. Ctrl + P

✗ 3. Ctrl + V

✓ 4. Ctrl + S

Q.98 Who among the following spearheaded an active non-cooperation movement famously known as the 'Barasat Rebellion' against the British indigo planters?

Ans

✗ 1. Sidhu Murmu

✗ 2. Dudu Miyan

✓ 3. Titu Mir

✗ 4. Haji Shariatullah

Q.99 Which of the following statements about RAM and ROM with reference to computer memory is correct?

Ans

✗ 1. RAM is non-volatile, while ROM is volatile.

✗ 2. ROM is faster than RAM.

✗ 3. RAM cannot be written to, only read from.

✓ 4. RAM temporarily stores data for active programs, while ROM permanently stores firmware.

Q.100 **Which case is associated with the Supreme Court striking down the 99th Constitutional Amendment (NJAC)?**

Ans

✗ 1. Kesavananda Bharati Case (1973)

✗ 2. Golaknath Case (1967)

✓ 3. Supreme Court Advocates-on-Record Association Case (2015)

✗ 4. Minerva Mills Case (1980)

Test Date	12/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **If 5 times A's age is added to B's age, the sum is 95 years. If 2.2 times B's age is added to A's age, the sum is 63 years. What is B's age (in years)?**

Ans
✔ 1. 22
✘ 2. 21
✘ 3. 25
✘ 4. 19

Q.2 **A tap fills a cistern in 14 hours. Another tap empties the full tank in 18 hours. How long (in hours) will it take to fill the tank completely, if the tank is empty and both the taps are open together?**

Ans
✔ 1. 63
✘ 2. 64
✘ 3. 65
✘ 4. 66

Q.3 **MP 14 is related to LS −1 in a certain way. In the same way, NK 5 is related to MN −10. To which of the given options is SW −1 related, following the same logic?**

Ans
✘ 1. TR −18
✘ 2. VW −20
✘ 3. VC −13
✔ 4. RZ −16

Q.4 **A can complete a piece of work in 24 days and B can complete it in 28 days. If they work on alternate days, starting with B on the first day, then in how many days will the work be finished?**

Ans
✔ 1. $25\frac{6}{7}$
✘ 2. $25\frac{1}{6}$
✘ 3. $24\frac{6}{7}$
✘ 4. $24\frac{1}{6}$

Q.5 The mean and standard deviation of 100 terms are 50 and 3, respectively. The sum of squares of the 100 terms is:

Ans
✗ 1. 2,49,000
✗ 2. 2,50,000
✗ 3. 2,70,000
✓ 4. 2,50,900

Q.6 Nirmal invested ₹1,380 at 3% per annum simple interest in a bank. What amount (in ₹) will he get after 3 years?

Ans
✗ 1. 124.2
✓ 2. 1,504.2
✗ 3. 1,404.2
✗ 4. 224.2

Q.7 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
5 - 6 - 10 - 20 ; 12 - 13 - 17 - 34

Ans
✓ 1. 17 - 18 - 22 - 44
✗ 2. 15 - 16 - 20 - 30
✗ 3. 7 - 8 - 12 - 26
✗ 4. 23 - 24 - 28 - 54

Q.8 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	*	2	5	7	$	+	8	%	#	9	&	6	$	4
Code	H	D	O	A	B	P	B	Q	Z	Y	R	B	U	F

Conditions:
If the first element is a symbol and the last an odd number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect cubes, the third element is to be coded as the code for the second element.
What will be the code for the following group?

8 9 $

Ans
✗ 1. ZYYU
✗ 2. UBYZ
✗ 3. ZBBU
✓ 4. ZBYU

Q.9 Which of the following is NOT considered one of the significant cause for the Revolt of 1857?

Ans
✗ 1. Policy of Doctrine of Lapse
✓ 2. Policies of British favouring sati, female infanticide and widow re-marriage
✗ 3. Lack of contact between the ruler and the ruled
✗ 4. Introduction of greased cartridge

Q.10 What should come in place of the question mark (?) in the given series?

61 54 61 47 61 40 61 ?

Ans
✗ 1. 37
✓ 2. 33
✗ 3. 31
✗ 4. 40

Q.11 In a certain code language,
'A+ B' means 'A is the sister of B'
'A – B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M × N ÷ O – P + Q'?

Ans
✗ 1. Wife
✓ 2. Mother
✗ 3. Sister
✗ 4. Daughter

Q.12 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ 1. UO-ZG
✗ 2. BV-GN
✓ 3. JD-OW
✗ 4. WQ-BI

Q.13 If 'P' stands for '÷', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−', then the resultant of which of the following would be 200?

Ans
✓ 1. 64 P 16 S 60 R 32 Q 8
✗ 2. 64 R 16 Q 32 S 60 P 8
✗ 3. 64 Q 16 P 60 R 32 S 8
✗ 4. 64 S 16 R 60 P 32 Q 8

Q.14 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: TVS :: IKH : %

Ans
✓ 1. # = WYV, % = FHE
✗ 2. # = IOV, % = WEE
✗ 3. # = WOZ, % = UQE
✗ 4. # = KNV, % = FXC

Q.15 How much will a sum of ₹60,000 become after one year if the interest is compounded half-yearly at 18% per annum compound interest?

Ans
✗ 1. ₹72,166
✓ 2. ₹71,286
✗ 3. ₹71,391
✗ 4. ₹70,471

Q.16 If 7.4 : 3.7 :: 3.7 : x, then find the value of x.

Ans

✗ 1. 5.27

✗ 2. 6.88

✓ 3. 1.85

✗ 4. 0.58

Q.17 Who signed the Poona Pact of 1932 on behalf of Mahatma Gandhi, as he was imprisoned at the time?

Ans

✗ 1. Dr. Rajendra Prasad

✓ 2. Pt. Madan Mohan Malviya

✗ 3. Sardar Vallabhbhai Patel

✗ 4. Jawaharlal Nehru

Q.18 Simplify: $25 \div \left\{7 \times \left(\frac{3}{5} \text{ of } \frac{5}{9}\right)\right\}$

Ans

✗ 1. $\frac{85}{7}$

✗ 2. $\frac{68}{7}$

✗ 3. $\frac{73}{7}$

✓ 4. $\frac{75}{7}$

Q.19 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: OJR :: QLT : %

Ans

✓ 1. # = NIQ, % = RMU

✗ 2. # = NIQ, % = RNU

✗ 3. # = NIQ, % = RMV

✗ 4. # = NIR, % = RMU

Q.20 In the context of the Panchayati Raj system in India, what does the term 'Village Panchayat' refer to?

Ans

✗ 1. A block-level committee

✓ 2. Local government at the village level

✗ 3. A district-level administrative body

✗ 4. An urban municipal corporation

Q.21 The average score of 50 students in a class test is 45. Later, it was found that in one instance, a score of 25 was wrongly recorded as 35, and in another instance, a score of 30 was wrongly recorded as 28. Find the actual average score of the class.

Ans

✗ 1. 43.86

✗ 2. 44.56

✗ 3. 44.64

✓ 4. 44.84

Q.22 Under the PM E-DRIVE Scheme, which of the following vehicle categories are NOT eligible for demand incentives?

Ans
- ✗ 1. Electric trucks with valid scrapping certificates
- ✓ 2. Electric three-wheelers used for personal use
- ✗ 3. Electric two-wheelers with advanced batteries
- ✗ 4. Electric three-wheelers for commercial use

Q.23 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 6193425, how many digits will appear more than once in the new number thus formed?

Ans
- ✓ 1. Two
- ✗ 2. Three
- ✗ 3. None
- ✗ 4. One

Q.24 What is the maximum percentage of reservation allowed for Economically Weaker Sections (EWS) under the 103rd Amendment Act, 2019?

Ans
- ✗ 1. 5%
- ✗ 2. 13%
- ✗ 3. 18%
- ✓ 4. 10%

Q.25 M, N, O, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. T lives on the topmost floor. Only three people live between T and N. O lives on a floor below N. S lives on an even numbered floor. U lives on an odd numbered floor but not on floor number 5. How many people live between M and N?

Ans
- ✓ 1. Two
- ✗ 2. Four
- ✗ 3. Three
- ✗ 4. One

Q.26 In which year did the government notify the New Public Sector Enterprise (PSE) Policy for Atma Nirbhar Bharat, that provides overall guidance on strategic disinvestment, and intends to minimise the presence of Government in PSEs across all sectors of economy?

Ans
- ✗ 1. 2025
- ✓ 2. 2021
- ✗ 3. 2023
- ✗ 4. 2024

Q.27 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

 # : NQP :: HKJ : %

Ans
- ✗ 1. # = QTO, % = EEG
- ✗ 2. # = YTS, % = EUG
- ✗ 3. # = OMS, % = ERG
- ✓ 4. # = QTS, % = EHG

Q.28 The Ministry of Statistics & Programme Implementation (MoSPI) releases the Index of Industrial Production (IIP) at which of the following time intervals?

Ans
- ✓ 1. Monthly
- ✗ 2. Quarterly
- ✗ 3. Weekly
- ✗ 4. Half yearly

Q.29 Who headed the 1915 committee to examine the co-operative movement in India?

Ans

✗ 1. Sir John Simon

✗ 2. Lord Irwin

✗ 3. Lord Curzon

✓ 4. Sir Edward Maclagan

Q.30 A man receives ₹2,580 per month as salary. He saves 45% of his salary every month. His expenditure per month is:

Ans

✗ 1. ₹1,455

✗ 2. ₹1,517

✗ 3. ₹1,399

✓ 4. ₹1,419

Q.31 Why is the discovery of penicillin considered revolutionary in medicine?

Ans

✗ 1. It treated pain rather than infections.

✓ 2. It began the antibiotic era.

✗ 3. It was used for colouring bacteria.

✗ 4. It was used only in animals.

Q.32 The Michaelis-Menten constant (Km) of an enzyme is defined as:

Ans

✓ 1. The substrate concentration at which the reaction rate is half of Vmax

✗ 2. The maximum reaction rate (Vmax)

✗ 3. The enzyme concentration required for half-maximal catalysis

✗ 4. The inhibitor concentration that reduces enzyme activity by 50%

Q.33 Rahul marks the price of his article 64% more than its cost price. If he sells the article for ₹59,860 after allowing a discount of 50%, then what will be the cost price (in ₹) of the article?

Ans

✗ 1. 72,999

✗ 2. 73,001

✗ 3. 72,997

✓ 4. 73,000

Q.34 If $a^2 + b^2 = 83$, $a \times b = 6$, and $a > b$, find $\frac{a - b}{a + b}$.

Ans

✗ 1. $\sqrt{\frac{62}{95}}$

✓ 2. $\sqrt{\frac{71}{95}}$

✗ 3. $\frac{71}{95}$

✗ 4. $\frac{62}{95}$

Q.35 What should come in place of the question mark (?) in the given series?

972 970 966 960 952 ?

Ans

✓ 1. 942

✗ 2. 940

✗ 3. 438

✗ 4. 941

Q.36 In a certain code language, 'PREY' is coded as '6482' and 'YOLK' is coded as '3671'. What is the code for 'Y' in the given code language?

Ans
- ✗ 1. 3
- ✓ 2. 6
- ✗ 3. 1
- ✗ 4. 2

Q.37 The average of eight numbers is 15. The average of five of these numbers is 18. The average of the remaining three numbers is:

Ans
- ✗ 1. 12
- ✗ 2. 11
- ✗ 3. 9
- ✓ 4. 10

Q.38 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on an even numbered floor but not 6. The sum of floors on which F and B live is 7. D lives immediately above C. The sum of floors on which B and E live is 3. How many people live below D?

Ans
- ✓ 1. 3
- ✗ 2. 2
- ✗ 3. 1
- ✗ 4. 4

Q.39 Calculate the volume of the cube having a total surface area of 216 cm^2.

Ans
- ✗ 1. 343 cm^3
- ✗ 2. 180 cm^3
- ✓ 3. 216 cm^3
- ✗ 4. 125 cm^3

Q.40 Where was the World Sustainable Development Summit (WSDS) held in March 2025?

Ans
- ✗ 1. Hyderabad, India
- ✓ 2. New Delhi, India
- ✗ 3. Bengaluru, India
- ✗ 4. Mumbai, India

Q.41 How are the Himalayan ranges oriented in Arunachal Pradesh?

Ans
- ✓ 1. Southwest to northwest
- ✗ 2. North to south
- ✗ 3. Northwest to southeast
- ✗ 4. East to west

Q.42 Which of the following statements about the Delhi High Court's ruling on the 'Right to Be Forgotten' in November 2024 is correct?

Ans
- ✗ 1. The judgement rejected the applicability of the 'Right to Be Forgotten' in cases of acquittal or quashed criminal proceedings.
- ✗ 2. The Court stated that the right to privacy cannot override public interest in matrimonial cases.
- ✓ 3. The Court permitted the petitioner to approach online platforms and search engines to mask their identities.
- ✗ 4. The Court ruled that the names of the couple involved in the matrimonial dispute must remain publicly accessible to ensure transparency.

Q.43 What was the category of India as per the Global Hunger Index score in 2024 that shows the severity of hunger in a country?

Ans
- ✔ 1. Serious
- ✘ 2. Low
- ✘ 3. Alarming
- ✘ 4. Moderate

Q.44 Which Indian state receives rainfall from both, the Southwest and Northeast monsoons?

Ans
- ✔ 1. Tamil Nadu
- ✘ 2. Gujarat
- ✘ 3. Maharashtra
- ✘ 4. Bihar

Q.45 Which city of India is set to establish India's first Integrated Waste Management City-cum-Learning Centre by September 2025, aiming to create a garbage-free environment?

Ans
- ✘ 1. Kanpur
- ✘ 2. Moradabad
- ✔ 3. Gorakhpur
- ✘ 4. Agra

Q.46 Simplify:

$$\frac{8^2 \times 7^3}{\sqrt{64} \times \sqrt{2401}}$$

Ans
- ✘ 1. 58
- ✔ 2. 56
- ✘ 3. 57
- ✘ 4. 47

Q.47 Town G is to the south of Town H. Town I is to the east of Town H. Town J is to the west of Town I. Town K is to the north of Town J. Town G is to the south-east of Town K. What is the position of Town H with respect to Town J?

Ans
- ✘ 1. West
- ✘ 2. North
- ✔ 3. East
- ✘ 4. South

Q.48 What is the rank of India in the Climate Change Performance Index 2025 published by Germanwatch, New Climate Institute, and Climate Action Network International?

Ans
- ✘ 1. 15^{th}
- ✔ 2. 10^{th}
- ✘ 3. 8^{th}
- ✘ 4. 12^{th}

Q.49 Which Article of the Constitution of India states about the directive for the state to secure a social order for the promotion of welfare of the people?

Ans
- ✘ 1. Article 39
- ✘ 2. Article 40
- ✔ 3. Article 38
- ✘ 4. Article 37

Q.50 In a quadrilateral ABCD, ∠A = 53° and ∠B = 46°. The bisectors of ∠C and ∠D meet at O. What is the measure of ∠DOC?

Ans
- ✗ 1. 60.5°
- ✗ 2. 44.5°
- ✓ 3. 49.5°
- ✗ 4. 46.5°

Q.51 What is the name of the organisation that collaborated with Sterlite Technologies Limited (STL) to test India's first Quantum Key Distribution (QKD) transmission in 2025?

Ans
- ✓ 1. Centre for Development of Telematics (C-DOT)
- ✗ 2. Centre for Development of Advanced Computing (C-DAC)
- ✗ 3. National Institute of Technology (NIT)
- ✗ 4. Indian Institute of Technology (IIT)

Q.52 In which of the following Australian cities did the Indian External Affairs Minister inaugurate India's 4th consulate in November 2024?

Ans
- ✗ 1. Sydney
- ✓ 2. Brisbane
- ✗ 3. Perth
- ✗ 4. Melbourne

Q.53 Shekhar Kapur received the Padma Bhushan in 2025 for his work in which field?

Ans
- ✗ 1. Science
- ✗ 2. Medicine
- ✗ 3. Literature
- ✓ 4. Art

Q.54 What kind of tools were mainly used by the Harappans?

Ans
- ✗ 1. Iron tools
- ✓ 2. Bronze tools
- ✗ 3. Wooden tools
- ✗ 4. Steel tools

Q.55 Where was the 14th edition of the India-Russia bilateral naval exercise INDRA-2025 conducted?

Ans
- ✗ 1. Mumbai
- ✗ 2. Kochi
- ✗ 3. Visakhapatnam
- ✓ 4. Chennai

Q.56 In MS Word 2019, if you want to select an entire paragraph quickly, which of the following actions should you perform?

Ans
- ✗ 1. Press and hold Alt while clicking the paragraph.
- ✗ 2. Right-click and choose 'Paragraph' from the available menu options.
- ✓ 3. Triple-click on any word within the paragraph.
- ✗ 4. Double-click anywhere in the paragraph.

Q.57 Per capita income is an indicator of economic development. What happened to India's per capita income post 1991 economic reforms?

Ans
- ✗ 1. Remained stagnant
- ✓ 2. Rose significantly
- ✗ 3. Became negative
- ✗ 4. Declined sharply

Q.58 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3678154, what will be difference between the highest and lowest digits in the number thus formed?

Ans
- ✗ 1. 5
- ✓ 2. 6
- ✗ 3. 4
- ✗ 4. 7

Q.59 The ratio of numbers of girls and boys participating in sports of a school is 1 : 5. If the number of girls is 201, determine the number of boys participating in the sports.

Ans
- ✗ 1. 980
- ✗ 2. 1025
- ✓ 3. 1005
- ✗ 4. 1035

Q.60 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 571649, what will be the sum of the last three digits from the left in the new number thus formed?

Ans
- ✗ 1. 14
- ✗ 2. 24
- ✗ 3. 18
- ✓ 4. 22

Q.61 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 6 % 2 6 4 € 7 * 9 $ 3 € 6 1 2 @ 8 % € 9 2 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✗ 1. 0
- ✓ 2. 1
- ✗ 3. 3
- ✗ 4. 2

Q.62 The median of the observations 93, 38, 12, 55, 70, 98, 60, 49, 53, 11 and 38 is:

Ans
- ✗ 1. 49
- ✓ 2. 53
- ✗ 3. 55
- ✗ 4. 60

Q.63 What happens when you press F5 in MS PowerPoint 2019?

Ans
- ✗ 1. Opens the 'Print' dialog box
- ✓ 2. Starts the slide show from the beginning
- ✗ 3. Inserts a new slide
- ✗ 4. Saves the presentation

Q.64 Due to decrease in manpower, the production in a factory decreases by 20%. By what percentage should the working hours be increased to restore the original production?

Ans
- ✗ 1. 40%
- ✗ 2. 20%
- ✓ 3. 25%
- ✗ 4. 80%

Q.65 Which element of the MS Excel interface displays the name of the currently active cell or the selected range of cells?

Ans
- ✗ 1. The Formula Bar
- ✗ 2. The Status Bar
- ✓ 3. The Name Box
- ✗ 4. The Ribbon

Q.66 Find the co-ordinates of the centroid of a triangle whose vertices are A(1, 4), B(7, 8) and C(10, 12).

Ans
- ✗ 1. (7, 8)
- ✓ 2. (6, 8)
- ✗ 3. (6, 9)
- ✗ 4. (7, 9)

Q.67 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YSM CWQ GAU KEY ?

Ans
- ✗ 1. COI
- ✓ 2. OIC
- ✗ 3. OCI
- ✗ 4. CIO

Q.68 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. SYT
- ✗ 2. QWR
- ✗ 3. NTO
- ✓ 4. LRN

Q.69 Anaimudi, the highest peak in South India, is located at the tri-junction of which three hill ranges?

Ans
- ✗ 1. Mahadeo Hills, Maikala Range, Rajpipla Hills
- ✗ 2. Rajmahal Hills, Garo Hills, Khasi Hills
- ✗ 3. Nilgiri Hills, Western Ghats, Eastern Ghats
- ✓ 4. Annamalai Range, Cardamom Hills, Palani Hills

Q.70 A ladder leans against a wall, making an angle of 30° with the ground. If the ladder is 8 m long, what is the height it reaches on the wall?

Ans
- ✓ 1. 4 m
- ✗ 2. 6 m
- ✗ 3. 10 m
- ✗ 4. 8 m

Q.71 Find the volume (in cm^3) of a hemispherical cap having a radius of 24 cm.

Ans
- ✗ 1. 9220π
- ✗ 2. 9208π
- ✓ 3. 9216π
- ✗ 4. 9212π

Q.72 **Which of the following cities is located in a rain-shadow region in India?**

Ans

✗ 1. Cochin

✗ 2. Goa

✓ 3. Pune

✗ 4. Shillong

Q.73 **Train A running at a speed of 99 km/hr takes 46 seconds to completely cross train B running at 72 km/hr in the opposite direction. The length of train B is 1.5 times the length of train A. Train B crosses a bridge completely in 82 seconds. The length of the bridge (in m) is:**

Ans

✗ 1. 426

✗ 2. 424

✗ 3. 369

✓ 4. 329

Q.74 **Which of the following is NOT a physiographic subdivision of the Northern Plains of India?**

Ans

✗ 1. Tarai Tract

✗ 2. Bhangar

✗ 3. Khadar

✓ 4. Vindhyan Plateau

Q.75 **Which of the following statements about primary and secondary memory is correct in a computer system?**

Ans

✗ 1. Primary memory is used for long-term storage, while secondary memory is used for temporary storage of data.

✗ 2. Both primary and secondary memory are directly accessible by the CPU for processing instructions.

✓ 3. Primary memory is faster but has lower storage capacity, while secondary memory is slower but provides large storage capacity.

✗ 4. Secondary memory is volatile, meaning data is lost when power is turned off, while primary memory is non-volatile and retains data.

Q.76 **This question is based on the five, three-digit numbers given below.**

(Left) 823 664 309 431 175 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

Ans

✓ 1. 13

✗ 2. 16

✗ 3. 12

✗ 4. 14

Q.77 **Which of the following accurately describes the function of the 'Spill Range' feature introduced in newer versions of MS Excel?**

Ans

✗ 1. It allows multiple users to simultaneously edit different ranges within the same worksheet.

✗ 2. It automatically saves the workbook to a cloud location at predefined intervals.

✓ 3. It dynamically resizes a formula's output range when the formula returns multiple values.

✗ 4. It restricts data entry within a specific range of cells based on predefined criteria.

Q.78 **Mr. P starts from Point C and drives 5 km towards the west. He then takes a left turn, drives 6 km, turns left and drives 8 km. He then takes a right turn, drives 2 km, turns left and drives 4 km. He then takes left turn and drives 12 km. He takes a final left turn drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point C again? (All turns are 90 degree turns only unless specified.)**

Ans
- ✗ 1. 4 km towards the north
- ✗ 2. 2 km towards the east
- ✗ 3. 2 km towards the west
- ✓ 4. 4 km towards the south

Q.79 **Seven people, D, E, F, G, Q, R and S, are sitting in a row facing north. No one sits to the left of F. Only four people sit between F and D. Only three people sit to the right of Q. G sits to the immediate left of S. E is not an immediate neighbour of Q. Who sits at the rightmost end of the line?**

Ans
- ✓ 1. E
- ✗ 2. S
- ✗ 3. D
- ✗ 4. F

Q.80 **Who among the following will be the 25^{th} Chief Justice of India in May 2025?**

Ans
- ✗ 1. Justice Sudhanshu Dhulia
- ✓ 2. Justice Bhushan Ramkrishna Gavai
- ✗ 3. Justice Prashant Kumar Mishra
- ✗ 4. Justice Pamidighantam Sri Narasimha

Q.81 **D, E, F, G, M, N and O are sitting around a circular table, facing the centre of the table. N sits to the immediate left of D. G sits to the immediate left of E. E sits second to the left of O. F sits third to the left of D. Who sits fourth to the right of M?**

Ans
- ✗ 1. G
- ✓ 2. O
- ✗ 3. F
- ✗ 4. D

Q.82 **Simplify the given expression.**

$(5z - 9y)^2 + (9z + 5y)^2 - 81z^2$

Ans
- ✗ 1. $30z^2 + 105y^2$
- ✗ 2. $16z^2 + 114y^2$
- ✓ 3. $25z^2 + 106y^2$
- ✗ 4. $15z^2 + 103y^2$

Q.83 **'Adhai Din Ka Jhonpra' in Ajmer was built in the period of which of the following dynasties?**

Ans
- ✓ 1. Slave Dynasty
- ✗ 2. Tughlaq dynasty
- ✗ 3. Lodhi dynasty
- ✗ 4. Khailji dynasty

Q.84 **Three numbers are in the ratio 8 : 2 : 1, and their LCM is 7552. Their HCF is:**

Ans
- ✗ 1. 502
- ✓ 2. 472
- ✗ 3. 486
- ✗ 4. 456

Q.85 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All trucks are big.
All big are cars.
All cars are long.

Conclusions:
(I) All big are trucks.
(II) All cars are big.

Ans
✗ 1. Only conclusion (II) follows.
✗ 2. Both conclusions (I) and (II) follow.
✗ 3. Only conclusion (I) follows.
✓ 4. Neither conclusion (I) nor (II) follows.

Q.86 Which of the following is NOT one of the primary tones used in Vedic chanting?

Ans
✗ 1. Anudaatta
✗ 2. Udatta
✗ 3. Svarita
✓ 4. Mandrata

Q.87 In a certain code language, 'NEWS' is coded as '6482' and 'WORK' is coded as '3671'. What is the code for 'W' in the given code language?

Ans
✗ 1. 8
✓ 2. 6
✗ 3. 1
✗ 4. 3

Q.88 Lothal was important for _____ during the Indus Valley Civilization.

Ans
✓ 1. maritime trade
✗ 2. spiritual rituals
✗ 3. military base
✗ 4. copper mining

Q.89 The roots of the quadratic equation $9x^2 - 9x + 1 = 0$ are:

Ans
✓ 1. $\frac{(9 + \sqrt{45})}{18}$ & $\frac{(9 - \sqrt{45})}{18}$
✗ 2. $\frac{(-9 + \sqrt{45})}{9}$ & $\frac{(9 + \sqrt{45})}{4.5}$
✗ 3. $\frac{(-9 + \sqrt{45})}{9}$ & $\frac{(-9 - \sqrt{45})}{9}$
✗ 4. $\frac{(9 + \sqrt{45})}{4.5}$ & $\frac{(9 - \sqrt{45})}{4.5}$

Q.90 In the 1892 Indian Councils Act, the British government introduced certain reforms in response to Indian demands. Which of the following was a significant provision of this Act?

Ans
✗ 1. Establishment of a separate electorate for Muslims
✓ 2. Provision for Indian representation in the Imperial Legislative Council
✗ 3. Granting full self-governance to Indian provi
✗ 4. Introduction of direct elections for legislative councils

Q.91 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No one has an exam before D. Only three people have their exams between D and T. Only one person has the exam between T and S. C has the exam on Wednesday. E has the exam on one of the days after F but on one of the days before U. On which day of the week does E have the exam?

Ans

✗ 1. Monday

✓ 2. Thursday

✗ 3. Saturday

✗ 4. Tuesday

Q.92 Who among the following won the bronze medal in the men's individual recurve event at the Archery World Cup 2025 Stage 1?

Ans

✗ 1. Tarundeep Rai

✗ 2. Atanu Das

✓ 3. Dhiraj Bommadevara

✗ 4. Abhishek Verma

Q.93 If the eight-digit number 32043p88 is divisible by 4, then the maximum value of p is:

Ans

✗ 1. 7

✗ 2. 5

✗ 3. 4

✓ 4. 9

Q.94 Which group did iodine belong to in Mendeleev's table?

Ans

✗ 1. Group VI

✓ 2. Group VII

✗ 3. Group VIII

✗ 4. Group V

Q.95 This question is based on the five, three-digit numbers given below.

(Left) 983 986 481 941 167 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans

✗ 1. −4

✓ 2. −5

✗ 3. −2

✗ 4. −6

Q.96 Yash travels 204 km at 68 km/hr, the next 424 km at 53 km/hr and the next 366 km at 61 km/hr. What is his average speed (in km/hr) for the whole journey? (Corrected to two decimal places)

Ans

✗ 1. 67.92

✗ 2. 57.62

✓ 3. 58.47

✗ 4. 65.87

Q.97 A shopkeeper expects a gain of 30% on his cost price. If, in a week, his sales proceeds were ₹2,938, what was his profit (in ₹)?

Ans

✗ 1. 680

✗ 2. 676

✓ 3. 678

✗ 4. 679

Q.98 Which Article of the Constitution of India prohibits the State from discriminating against the use of wells, tanks and places of public entertainment?

Ans

✓ 1. Article 15

✗ 2. Article 18

✗ 3. Article 17

✗ 4. Article 16

Q.99 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

JLO HJM FHK DFI ?

Ans

✓ 1. BDG

✗ 2. BEG

✗ 3. BEH

✗ 4. BDH

Q.100 Find a single discount (rounded up to two decimal places) to equal three consecutive discounts of 29%, 28% and 13%.

Ans

✗ 1. 58.85%

✗ 2. 57.27%

✓ 3. 55.53%

✗ 4. 56.92%

Test Date	12/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.**

(Left) £ @ 5 6 3 © & 4 9 % * $ $ % 6 & # & € © 5 8 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
✗ 1. 3
✗ 2. 2
✗ 3. 0
✓ 4. 1

Q.2 **A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on a floor that is a prime number. The product of floors on which B and D live is 3. Only 2 people live above C. F lives immediately below A. How many people live between A and C?**

Ans
✗ 1. 2
✓ 2. 1
✗ 3. 3
✗ 4. 4

Q.3 **Which of the following was the final court of appeal for India under British rule?**

Ans
✗ 1. Supreme Court at Calcutta
✓ 2. Privy Council in London
✗ 3. Federal Court
✗ 4. House of Commons

Q.4 **A shopkeeper marks the price of an article at ₹5,180. Find the cost price if after allowing a discount of 31% he still gains 5% on the cost price.**

Ans
✗ 1. ₹3,387
✗ 2. ₹3,470
✓ 3. ₹3,404
✗ 4. ₹3,376

Q.5 A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 6 hours and the hole in the bottom can empty the fully filled cistern in 15 hours. If both the tap and the hole are open, then what will be the time taken to completely fill the empty cistern?

Ans

✗ 1. 14 hours

✗ 2. 22 hours

✓ 3. 10 hours

✗ 4. 26.1 hours

Q.6 A swimmer can swim downstream at 37 km/hr and upstream at 27 km/hr. What is the speed of the swimmer in still water?

Ans

✗ 1. 26 km/hr

✗ 2. 33 km/hr

✓ 3. 32 km/hr

✗ 4. 31 km/hr

Q.7 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GM17, IO25, KQ33, MS41, ?

Ans

✓ 1. OU49

✗ 2. OU48

✗ 3. OV49

✗ 4. OV48

Q.8 Simplify: $(3z - 9y)^2 + (9z + 3y)^2 - 81z^2$

Ans

✗ 1. $3z^2 + 81y^2$

✓ 2. $9z^2 + 90y^2$

✗ 3. $7z^2 + 95y^2$

✗ 4. $18z^2 + 91y^2$

Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some trees are flowers.
All flowers are beautiful.
Some beautiful are girls.

Conclusions:
(I) Some flowers are trees.
(II) Some beautiful are flowers.

Ans

✗ 1. Only conclusion (I) follows.

✗ 2. Only conclusion (II) follows.

✓ 3. Both conclusions (I) and (II) follow.

✗ 4. Neither conclusion (I) nor (II) follows.

Q.10 The product of two consecutive positive integers is 247. If the smaller of these two integers is represented by x, which of the following will correspond to the equation for finding out the value of x?

Ans

✗ 1. $x^2 - x + 247 = 0$

✗ 2. $x^2 + x + 247 = 0$

✓ 3. $x^2 + x - 247 = 0$

✗ 4. $x^2 - x - 247 = 0$

Q.11 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) £ % * 3 6 £ 1 © & 8 1 5 5 3 * # © 7 1 7 3 @ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✔ 1. 1
- ✘ 2. 0
- ✘ 3. 3
- ✘ 4. 2

Q.12 If the mode of the following data is 165, then what is the value of x?

Class	150-155	155-160	160-165	165-170	170-175
Frequency	23	25	37	x	28

Ans
- ✔ 1. 37
- ✘ 2. 54
- ✘ 3. 53
- ✘ 4. 43

Q.13 'The Flying Apsara' painting is a masterpiece in which of the following caves?

Ans
- ✘ 1. Ellora
- ✘ 2. Elephanta
- ✘ 3. Karle
- ✔ 4. Ajanta

Q.14 Where was the World Economic Forum Annual Meeting held in January 2025?

Ans
- ✘ 1. Zurich, Switzerland
- ✘ 2. Basel, Switzerland
- ✔ 3. Davos, Switzerland
- ✘ 4. Geneva, Switzerland

Q.15 A vendor buys 42 laptop bags for ₹41,622 and sells them at 35 for ₹37,345. How many laptop bags should be bought and sold to earn a profit of ₹3,952?

Ans
- ✔ 1. 52
- ✘ 2. 16
- ✘ 3. 34
- ✘ 4. 76

Q.16 Which reformer gave the slogan 'One God, One Caste'?

Ans
- ✘ 1. Narayana Guru
- ✘ 2. Dayanand Saraswati
- ✔ 3. Jyotiba Phule
- ✘ 4. Keshub Chandra Sen

Q.17 What will come in the place of '?' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?
45 ÷ 12 − 75 × 5 + 13 = ?

Ans
- ✘ 1. 546
- ✔ 2. 542
- ✘ 3. 545
- ✘ 4. 544

Q.18 A person who spends 50% of his monthly income is able to save ₹7,056 per month. His monthly expenses (in ₹) are:

Ans
- ✔ 1. 7,056
- ✘ 2. 6,987
- ✘ 3. 7,024
- ✘ 4. 7,039

Q.19 Shubham ranked 19th from the top and 46th from the bottom in his class. How many students are there in his class?

Ans
- ✘ 1. 62
- ✘ 2. 65
- ✘ 3. 63
- ✔ 4. 64

Q.20 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

VRO 6, UQN 11, TPM 16, SOL 21, ?

Ans
- ✘ 1. RPM 25
- ✘ 2. PQM 25
- ✔ 3. RNK 26
- ✘ 4. PRN 26

Q.21 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

EA-GC-JL
GC-IE-LN

Ans
- ✘ 1. LG-MJ-PS
- ✘ 2. KG-MI-PS
- ✔ 3. KG-MI-PR
- ✘ 4. LG-MI-PS

Q.22 RR 14 is related to UN 3 in a certain way. In the same way, BV 10 is related to ER −1. To which of the given options is PE 1 related, following the same logic?

Ans
- ✘ 1. RI 8
- ✔ 2. SA −10
- ✘ 3. VS −9
- ✘ 4. PV 2

Q.23 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 @ % * 2 7 4 8 € @ % © $ 7 6 6 * $ 7 £ 7 6 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✘ 1. 4
- ✘ 2. 1
- ✔ 3. 2
- ✘ 4. 3

Q.24 If (3, 2) are coordinates of the centroid of a triangle, whose vertices are (0, 4), (-2, 0) and (p, 2), then find the value of p.

Ans
- ✗ 1. 8
- ✗ 2. 10
- ✗ 3. 9
- ✓ 4. 11

Q.25 Harappan seals were made mostly from which of the following?

Ans
- ✓ 1. Steatite
- ✗ 2. Terracotta
- ✗ 3. Marble
- ✗ 4. Iron

Q.26 According to the Economic Survey 2023-24, what percentage of India's population is expected to reside in urban areas by 2030?

Ans
- ✓ 1. 40%
- ✗ 2. 35%
- ✗ 3. 50%
- ✗ 4. 45%

Q.27 What is the region lying to the north of the Narmada River called?

Ans
- ✗ 1. Chota Nagpur Plateau
- ✗ 2. Deccan Plateau
- ✓ 3. Central Highlands
- ✗ 4. Eastern Ghats

Q.28 Which programme of the Indian Government uses Socio-Economic and Caste Census (SECC) data for identifying beneficiaries?

Ans
- ✓ 1. Pradhan Mantri Awaas Yojana - Gramin
- ✗ 2. Mahatma Gandhi National Rural Employment Guarantee Act
- ✗ 3. Digital India
- ✗ 4. National Rural Health Mission

Q.29 Which country took over the presidency of the G7 in January 2025?

Ans
- ✗ 1. France
- ✗ 2. Britain
- ✓ 3. Canada
- ✗ 4. Australia

Q.30 The cost of 15 pens and 6 pencils is ₹291. If the cost of a pen decreases by ₹9 and the cost of a pencil increases by ₹2, then the cost of 9 pens and 3 pencils is ₹75. What is the original cost of 12 pens and 3 pencils?

Ans
- ✗ 1. ₹158
- ✗ 2. ₹157
- ✗ 3. ₹161
- ✓ 4. ₹159

Q.31 A tap fills a cistern in 9 hours. Another tap empties the full tank in 90 hours. How long (in hours) will it take to fill twice the volume of the tank, if the tank is empty initially and both the taps are open together?

Ans

✗ 1. 10

✗ 2. 5

✗ 3. 15

✓ 4. 20

Q.32 The Periplus of the Erythraean Sea was written in the:

Ans

✓ 1. 1st century AD

✗ 2. 2nd century BC

✗ 3. 5th century AD

✗ 4. 3rd century AD

Q.33 What is the third proportional of $2x^2$ and $12xy$?

Ans

✗ 1. $73y^2$

✗ 2. $74y^2$

✗ 3. $71y^2$

✓ 4. $72y^2$

Q.34 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

REAL - LRAE - RLEA
MAKE - EMKA - MEAK

Ans

✗ 1. POUR - RPUO - PORU

✗ 2. HUGS - UHGS - SUGH

✗ 3. KEYS - SKEY - EYSK

✓ 4. COPE - ECPO - CEOP

Q.35 M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only three people live between Y and Z, where Y lives below Z. P lives on an odd numbered floor and immediately above Y. O lives on one of the floors below M and on one of the floors above N. Who lives on floor numbered 4?

Ans

✗ 1. M

✗ 2. Z

✗ 3. P

✓ 4. O

Q.36 Mr. O starts from Point L and drives 3 km towards the south. He then takes a left turn, drives 3 km, turns right and drives 4 km. He then takes a left turn and drives 4 km. He takes a final left turn, drives 7 km and stops at Point M. How far (shortest distance) and towards which direction should he drive in order to reach Point L again? (All turns are 90 degree turns only unless specified.)

Ans

✗ 1. 3 km towards the north

✗ 2. 7 km towards the east

✓ 3. 7 km towards the west

✗ 4. 4 km towards the south

Q.37 In quadrilateral PQRS, the bisectors of ∠R and ∠S meet at point T (inside the quadrilateral) and ∠STR = 32.5°. If the ratio of ∠P to ∠Q is 4 : 9, then what is the difference between the measures of ∠Q and ∠P?

Ans

✗ 1. 27°

✗ 2. 24°

✓ 3. 25°

✗ 4. 28°

Q.38 The work 'Snowmelt Runoff Forecasting in Himalayan River Basin' has been taken up by the Central Water Commission (CWC) in association with _____.

Ans

✗ 1. Indian Space Research Organisation

✓ 2. National Remote Sensing Centre

✗ 3. Indian Council of Agricultural Research

✗ 4. Central Pollution Control Board

Q.39 Two positive numbers differ by 2134. When the greater number is divided by the smaller number, the quotient is 2 and the remainder is 147. What is the HCF of the greater of the two given numbers and 4225?

Ans

✗ 1. 16

✗ 2. 11

✗ 3. 10

✓ 4. 13

Q.40 If $\sin^4\theta - \cos^4\theta = \frac{1}{2}$, find the value of $2\sin^2\theta - 1$.

Ans

✗ 1. 1

✓ 2. $\frac{1}{2}$

✗ 3. $\frac{\sqrt{3}}{2}$

✗ 4. $\frac{1}{\sqrt{2}}$

Q.41 In Windows XP, which component provides a graphical interface for users to open and access software programs and applications?

Ans

✗ 1. Control Panel

✗ 2. Task Manager

✓ 3. Start Menu

✗ 4. File Explorer

Q.42 In March 2025, which region was announced as the site for the world's first high-altitude para sports centre to boost preparations for the 2028 Paralympics?

Ans

✗ 1. Kargil, Ladakh

✗ 2. Manali, Himachal Pradesh

✗ 3. Auli, Uttarakhand

✓ 4. Leh, Ladakh

Q.43 According to NITI Aayog, what was the reduction in the Poverty Headcount Ratio in India from 2013-14 to 2022-23?

Ans

✗ 1. From 25% to 10%

✗ 2. From 28% to 15%

✓ 3. From 29.17% to 11.28%

✗ 4. From 30% to 12.5%

Q.44 A rectangular tin sheet is 32 cm long and 14 cm wide. It is rolled along its length to form a cylinder, with opposite edges just touching each other. Find the volume (in cm^3) of the cylinder.

Ans

✗ 1. $\frac{3585}{\pi}$

✗ 2. $\frac{3588}{\pi}$

✗ 3. $\frac{3582}{\pi}$

✓ 4. $\frac{3584}{\pi}$

Q.45 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. KC – PT

✗ 2. IA – NR

✗ 3. BT – GK

✓ 4. DV – IN

Q.46 DG 24 is related to WT 20 in a certain way based on the English alphabetical order. In the same way, IL 18 is related to BY 14. To which of the following is QT 30 related, following the same logic?

Ans

✗ 1. RU 26

✗ 2. JG 34

✗ 3. HF 28

✓ 4. JG 26

Q.47 If 20% of k is 10 less than 1200% of 10, then k is:

Ans

✗ 1. 590

✓ 2. 550

✗ 3. 510

✗ 4. 530

Q.48 Town N is to the east of Town O. Town P is to the north of Town N. Town Q is to the south of Town P. Town R is to the west of Town Q. Town O is to the north-east of Town R. What is the position of Town N with respect to Town Q?

Ans

✗ 1. East

✗ 2. West

✓ 3. North

✗ 4. South

Q.49 In a certain code language,
'A + B' means 'A is the sister of B'
'A – B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M ÷ N × O − P + Q'?

Ans

✗ 1. Brother's Wife's Brother

✗ 2. Wife's Father

✓ 3. Brother's Wife's Father

✗ 4. Wife's Brother

Q.50 The famous 'Trimurti' sculpture is present in which of the following caves?

Ans
- ✗ 1. Ellora caves
- ✗ 2. Karle caves
- ✓ 3. Elephanta caves
- ✗ 4. Ajanta caves

Q.51 Which of the following ports is located in West Coastal Plain?

Ans
- ✗ 1. Visakhapatnam
- ✗ 2. Paradip
- ✗ 3. Kolkata
- ✓ 4. Mangalore

Q.52 In October 2024, the Mediation Act, 2023 came into force. What is a key feature introduced by this legislation?

Ans
- ✓ 1. It replaces arbitration and conciliation with mediation as the sole dispute resolution method.
- ✗ 2. It mandates that all mediation proceedings must be conducted only by retired judges.
- ✗ 3. It abolishes the role of mediators in public sector disputes.
- ✗ 4. It makes mediation compulsory for all civil and commercial disputes before court proceedings.

Q.53 What should come in place of the question mark (?) in the given series?

43 27 43 41 43 55 43 ?

Ans
- ✓ 1. 69
- ✗ 2. 77
- ✗ 3. 73
- ✗ 4. 43

Q.54 In March 2025, India launched 'Operation Brahma' in response to which event?

Ans
- ✗ 1. A major flood in northeastern India
- ✗ 2. A cyclone affecting the eastern coast of India
- ✓ 3. A devastating earthquake in Myanmar
- ✗ 4. A volcanic eruption in the Andaman Islands

Q.55 Co-operative societies are primarily accountable to which of the following?

Ans
- ✗ 1. Central Government
- ✓ 2. Co-operative Society Members
- ✗ 3. Reserve Bank of India
- ✗ 4. Local Municipal Body

Q.56 Which of these is the westernmost inhabited village in India?

Ans
- ✗ 1. Koteshwar
- ✗ 2. Lakhpat
- ✗ 3. Tanot
- ✓ 4. Ghuar Mota

Q.57 Which bacterial disease is specifically confirmed by a serological method?

Ans
- ✗ 1. Diphtheria
- ✗ 2. Pneumonia
- ✗ 3. Plague
- ✓ 4. Typhoid

Q.58 The arithmetic mean of the observations 83, 17, 62, 87, 62, 96, 86, 92 and 90 is:

Ans
- ✗ 1. 79
- ✓ 2. 75
- ✗ 3. 74
- ✗ 4. 85

Q.59 Which Article of the Constitution of India prevents any child below the age of 14 years from being employed in the factory, mine or hazardous occupation?

Ans
- ✗ 1. Article 21
- ✗ 2. Article 23
- ✗ 3. Article 19
- ✓ 4. Article 24

Q.60 If 'W' stands for '÷', 'X' stands for '×', 'Y' stands for '+' and 'Z' stands for '−', then the resultant of which of the following would be 908?

Ans
- ✗ 1. 128 X 32 Y 120 Z 64 W 16
- ✓ 2. 128 W 32 Z 120 Y 64 X 16
- ✗ 3. 128 Y 32 Z 120 X 64 W 16
- ✗ 4. 128 Z 32 X 120 Y 64 Z 16

Q.61 Which version of Windows introduced the Start menu?

Ans
- ✗ 1. Windows 7
- ✓ 2. Windows 95
- ✗ 3. Windows 10
- ✗ 4. Windows XP

Q.62 Samudrayaan, scheduled for 2026, involves which of the following?

Ans
- ✗ 1. Launching underwater satellites
- ✓ 2. Sending scientists 6,000 meters underwater
- ✗ 3. Testing ocean-based launch platforms
- ✗ 4. Deep-sea mining using robots

Q.63 What happens to magnetic fields when a material becomes superconducting and experiences the Meissner effect?

Ans
- ✗ 1. Magnetic fields penetrate the material freely.
- ✓ 2. Magnetic fields are completely expelled from the interior of the material.
- ✗ 3. Magnetic fields are absorbed and stored inside the material.
- ✗ 4. Magnetic fields are increased in strength within the material.

Q.64 Which of the following ratios is the greatest?

Ans
- ✗ 1. 38 : 77
- ✓ 2. 34 : 51
- ✗ 3. 27 : 76
- ✗ 4. 31 : 72

Q.65 In a certain code language, 'WIND' is coded as '6482' and 'DOGS' is coded as '3671'. What is the code for 'D' in the given code language?

Ans
- ✗ 1. 2
- ✓ 2. 6
- ✗ 3. 3
- ✗ 4. 1

Q.66 What happens when you press Ctrl + S while working on a document in computer system?

Ans

✗ 1. Sends the document

✗ 2. Starts a slide show

✗ 3. Searches the document

✓ 4. Saves the current document

Q.67 The Monetary Policy Committee (MPC) 2025 reduced the policy repo rate under the liquidity adjustment facility (LAF) by 25 basis points with immediate effect to ____.

Ans

✗ 1. 6.25 per cent

✗ 2. 5.50 per cent

✗ 3. 5.25 per cent

✓ 4. 6.0 per cent

Q.68 If the eight-digit number 43377p08 is divisible by 8, then the maximum value of p is:

Ans

✗ 1. 6

✗ 2. 7

✓ 3. 8

✗ 4. 4

Q.69 In this question, a group of letters is coded by using numbers and symbols as per the table given below and the conditions which follow.

Letter	U	M	S	J	P	T	F	E	A
Code	7	4	@	$	%	*	6	2	3

Conditions:

1. If the 1st letter is a vowel and the 3rd letter is a consonant, both to be coded as the code of the consonant.
2. If the 1st and last letters are vowels, both are to be coded as 'N'.
3. If the 2nd and last letters are vowels, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following letters?
UJEPA

Ans

✗ 1. 7 $ 2 % 3

✓ 2. N $ 2 % N

✗ 3. N $ 2 % 3

✗ 4. 7 $ 2 % N

Q.70 Where was the central celebration of Parakram Diwas, held in January 2025, to mark Subhas Chandra Bose's 128th birth anniversary?

Ans

✗ 1. Victoria Memorial, Kolkata, West Bengal

✗ 2. Red Fort, New Delhi, Delhi

✓ 3. Barabati Fort, Cuttack, Odisha

✗ 4. Netaji Bhawan, Kolkata, West Bengal

Q.71 What will come in the place of '?' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?
41 ÷ 19 + 448 × 4 − 26 = ?

Ans

✗ 1. 696

✗ 2. 691

✗ 3. 699

✓ 4. 693

Q.72 Which file format is used for saving MS PowerPoint templates?

Ans
- ✔ 1. .potx
- ✘ 2. .ppmx
- ✘ 3. .ppsx
- ✘ 4. .pptx

Q.73 What should come in place of the question mark (?) in the given series?

962 960 956 950 942 ?

Ans
- ✘ 1. 936
- ✘ 2. 930
- ✔ 3. 932
- ✘ 4. 934

Q.74 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(25, 900, 18)
(23, 874, 19)

Ans
- ✘ 1. (40, 807, 10)
- ✔ 2. (42, 1176, 14)
- ✘ 3. (30, 1147, 19)
- ✘ 4. (49, 1575, 16)

Q.75 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. S sits fourth to the left of C. R sits fourth to the right of A. Only two people sit between C and A when counted from the left of C. D is not an immediate neighbour of R or C. B is not an immediate neighbour of D. Who sits fourth to the right of T?

Ans
- ✘ 1. A
- ✘ 2. C
- ✔ 3. S
- ✘ 4. R

Q.76 Ravi travels from City A to City B. If Ravi drives his car at $\frac{2}{7}$ of his normal speed, then he reaches City B 30 minutes late.

Find the time (in minutes) that Ravi would have taken to travel from City A to City B if he drove at his normal speed.

Ans
- ✘ 1. 5
- ✔ 2. 12
- ✘ 3. 3
- ✘ 4. 19

Q.77 How much will a sum of ₹72,000 become after one year if the interest is compounded half-yearly at 10% per annum compound interest?

Ans
- ✘ 1. ₹79,510
- ✘ 2. ₹78,632
- ✘ 3. ₹80,378
- ✔ 4. ₹79,380

Q.78 On selling a stool for ₹8,378, the value of gain is 20% more than the value of loss incurred on selling it for ₹1,756. In order to gain 50%, find the selling price (in ₹).

Ans
- ✗ 1. 7,150
- ✗ 2. 7,148
- ✗ 3. 7,151
- ✓ 4. 7,149

Q.79 What is the temperature of the triple point of water on the Celsius scale?

Ans
- ✗ 1. 0°C
- ✗ 2. -273.15°C
- ✗ 3. 100°C
- ✓ 4. 0.01°C

Q.80 D, E, F, G, M, N and O are sitting around a circular table, facing the centre of the table. Only E sits between N and M. M sits third to the left of O. G sits to the immediate left of O. D is not an immediate neighbour of M. Who sits third to the left of F?

Ans
- ✗ 1. M
- ✓ 2. N
- ✗ 3. E
- ✗ 4. D

Q.81 Where was the 2024 Regional World Children's Day commemorated by UNICEF from 15 to 17 November?

Ans
- ✗ 1. Nairobi, Kenya
- ✗ 2. Addis Ababa, Ethiopia
- ✗ 3. Johannesburg, South Africa
- ✓ 4. Victoria Falls, Zimbabwe

Q.82 When were the Municipal Corporations of Calcutta and Bombay established?

Ans
- ✗ 1. 1919
- ✓ 2. 1726
- ✗ 3. 1850
- ✗ 4. 1882

Q.83 What type of majority is required to pass laws under Articles 2 and 3, as per Article 4(2) in Indian parliament?

Ans
- ✗ 1. Two-thirds majority
- ✗ 2. State ratification
- ✗ 3. Special majority
- ✓ 4. Simple majority

Q.84 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	@	4	6	9	$	+	3	%	#	7	&	5	$	2
Code	L	V	C	M	K	P	B	Q	Z	Y	R	B	U	F

Conditions:
If the first element is a symbol and the last an odd number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
What will be the code for the following group?

+ 6 # 5

Ans
✗ 1. PCCB
✗ 2. PCZB
✓ 3. BCZP
✗ 4. PZZB

Q.85 For what values of b, the quadratic equation $4x^2 + bx + 16 = 0$ has equal real roots?

Ans
✗ 1. 4 and −4
✓ 2. 16 and −16
✗ 3. −4 and −8
✗ 4. 8 and −8

Q.86 Mohan invested ₹1,320 at 6% per annum simple interest in a bank. What amount (in ₹) will he get after 6 years?

Ans
✗ 1. 1,695.2
✓ 2. 1,795.2
✗ 3. 575.2
✗ 4. 475.2

Q.87 Which of the following is NOT a dimension measured by the Gender Inequality Index (GII)?

Ans
✗ 1. Empowerment
✓ 2. Access to clean drinking water
✗ 3. Reproductive health
✗ 4. Labour market participation

Q.88 Gopal bought 51 books at ₹1,120 per book from one shop and 45 books at ₹920 per book from another. What is the average price (in ₹) he paid per book?

Ans
✓ 1. 1,026.25
✗ 2. 1,041.25
✗ 3. 1,036.25
✗ 4. 1,016.25

Q.89 A cylinder is made by rolling a rectangular paper along its breadth. Find the curved surface area of the cylinder, if the length and breadth of the rectangle are 12 m and 7.48 m, respectively. (Use $\pi = \frac{22}{7}$)

Ans

✗ 1. 98.66 m^2

✗ 2. 44.88 m^2

✗ 3. 100.24 m^2

✓ 4. 89.76 m^2

Q.90 Three numbers are in the ratio $\frac{5}{14} : \frac{16}{13} : \frac{20}{14}$. The difference between the largest and the smallest number is 30. Find the largest number.

Ans

✓ 1. 40

✗ 2. 39

✗ 3. 41

✗ 4. 42

Q.91 Under what circumstance can the President of India dissolve the Lok Sabha before its normal term expires?

Ans

✗ 1. After consulting a joint session of both Houses of Parliament

✗ 2. When the Supreme Court orders a dissolution

✓ 3. On the recommendation of the Prime Minister

✗ 4. Whenever the President wishes, without any conditions

Q.92 The 'Drain of Wealth' theory, which highlighted the economic exploitation of India under British rule, was prominently advocated by whom?

Ans

✓ 1. Dadabhai Naoroji

✗ 2. Bipin Chandra Pal

✗ 3. Gopal Krishna Gokhale

✗ 4. Lala Lajpat Rai

Q.93 In Windows OS, which of the following actions will permanently delete a file without sending it to the Recycle Bin?

Ans

✗ 1. Press the Delete key

✓ 2. Press Shift + Delete

✗ 3. Right-click and select Open

✗ 4. Rename the file

Q.94 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. PWR

✗ 2. JQL

✗ 3. MTO

✓ 4. GNJ

Q.95 Which of the following statements regarding the 2024 Delhi Assembly elections are correct?

1. The candidate who won the election with the largest margin belongs to BJP.
2. Parvesh Verma defeated Arvind Kejriwal in the New Delhi Assembly constituency and was elected as the Deputy Chief Minister of Delhi.
3. The Aam Aadmi Party (AAP) secured 22 seats in this election.
4. The Indian National Congress improved its seat tally compared to the previous election.

Ans
- ✔ 1. Only 2 and 3
- ✘ 2. Only 1 and 3
- ✘ 3. Only 1 and 4
- ✘ 4. Only 2, 3 and 4

Q.96 The Palk Strait separates India from which of the following countries?

Ans
- ✘ 1. Maldives
- ✔ 2. Sri Lanka
- ✘ 3. Bangladesh
- ✘ 4. Myanmar

Q.97 The value of 57 + [5 + { 72 - (24 ÷ 6)} ÷ 4] is:

Ans
- ✘ 1. 81
- ✔ 2. 79
- ✘ 3. 89
- ✘ 4. 82

Q.98 In January 2025, which filmmaker received the Satyajit Ray Lifetime Achievement Award?

Ans
- ✘ 1. Anurag Kashyap
- ✔ 2. Aparna Sen
- ✘ 3. Ramesh Sippy
- ✘ 4. Shyam Benegal

Q.99 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8132574, how many digits will appear more than once in the new number thus formed?

Ans
- ✔ 1. 2
- ✘ 2. 3
- ✘ 3. 1
- ✘ 4. 4

Q.100 The average weight of 7 boys of a group is 54 kg. When a new boy joined the group, the average weight increased by 2 kg. Find the weight of the new boy.

Ans
- ✔ 1. 70 kg
- ✘ 2. 74 kg
- ✘ 3. 72 kg
- ✘ 4. 77 kg

Test Date	12/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **What should come in place of the question mark (?) in the given series?**

982 980 976 970 962 ?

Ans
✔ 1. 952
✘ 2. 954
✘ 3. 948
✘ 4. 950

Q.2 **In MS PowerPoint 2019, when you press the Enter key while typing in a text box, what happens?**

Ans
✘ 1. The text is deleted.
✘ 2. The text box is automatically resized.
✔ 3. The cursor moves to the next line within the same text box.
✘ 4. The text is entered into a new slide.

Q.3 **If 2 is added to each even digit and 3 is subtracted from each odd digit in the number 596432, what will be the sum of the greatest and smallest digits in the new number thus formed?**

Ans
✔ 1. 8
✘ 2. 12
✘ 3. 6
✘ 4. 10

Q.4 **What is the average of all the natural numbers from 1 to 17?**

Ans
✔ 1. 9
✘ 2. 9.5
✘ 3. 8.5
✘ 4. 10

Q.5 **The marked price of a bookshelf is ₹397, which is 28% above the cost price. If the profit percentage is 3%. Find the discount percentage (rounded off to two decimal places).**

Ans
✘ 1. 21.31%
✘ 2. 16.89%
✘ 3. 18.13%
✔ 4. 19.53%

Q.6 During which phase and year was a steady population growth rate observed in India?

Ans
- ✗ 1. Phase I: 1891-1921
- ✓ 2. Phase II: 1921-1951
- ✗ 3. Phase III: 1951-1981
- ✗ 4. Phase IV: 1981-2011

Q.7 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of question mark (?) in the following equation?

43 D 15 C 7 B 9 D (28 A 2) = ?

Ans
- ✗ 1. 83
- ✗ 2. 92
- ✗ 3. 64
- ✓ 4. 77

Q.8 Which Mauryan ruler sent Buddhist missionaries to foreign countries?

Ans
- ✗ 1. Samprati
- ✓ 2. Ashoka
- ✗ 3. Bindusara
- ✗ 4. Chandragupta II

Q.9 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. No one sits to the left of J. Only four people sit between J and K. Only three people sit to the right of O. I sits to the immediate left of L. P is not an immediate neighbour of O. Who sits at the rightmost end of the line?

Ans
- ✓ 1. P
- ✗ 2. J
- ✗ 3. I
- ✗ 4. L

Q.10 What is the median of the following data?

34, 78, 58, 65, 64, 73, 21, 88, 13, 11, 70

Ans
- ✓ 1. 64
- ✗ 2. 63.5
- ✗ 3. 64.5
- ✗ 4. 65

Q.11 $\text{Simplify } (\sec\theta - \frac{1}{\sec\theta}) \times (\operatorname{cosec}\theta - \frac{1}{\operatorname{cosec}\theta}) \times (\sin\theta - \frac{1}{\sin\theta}).$

Ans
- ✗ 1. $\cos^3\theta$
- ✗ 2. $-\sin^3\theta$
- ✗ 3. $\sin^3\theta$
- ✓ 4. $-\cos^3\theta$

Q.12 Shaan starts from Point A and drives 6 km towards North. He then takes a right turn, drives 7 km, turns right and drives 12 km. He then takes a right turn and drives 8 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified)

Ans
- ✗ 1. 2 km to the east
- ✗ 2. 3 km to the east
- ✗ 3. 4 km to the east
- ✓ 4. 1 km to the east

Q.13 Which vitamin deficiency is most likely in a person with a blocked bile duct?

Ans

✗ 1. Vitamin A

✓ 2. Vitamin B12

✗ 3. Vitamin B1

✗ 4. Vitamin C

Q.14 Shan has ₹1,617 with him. He divided it amongst his sons Piyush and Manoj and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Piyush and Manoj got the same amount after 11 and 12 years, respectively. How much (in ₹) did Shan give to Piyush?

Ans

✗ 1. ₹697

✓ 2. ₹847

✗ 3. ₹870

✗ 4. ₹770

Q.15 The subtropical jet stream plays a critical role in the withdrawal of the monsoon by which of the following?

Ans

✗ 1. Replacing tropical easterlies

✓ 2. Inducing subsidence over land

✗ 3. Triggering cold air advection

✗ 4. Intensifying the ITCZ

Q.16 If $a^2 + b^2 = 168$, $a \times b = 27$, and $a > b$, find $\frac{a - b}{a + b}$.

Ans

✓ 1. $\sqrt{\frac{57}{111}}$

✗ 2. $\sqrt{\frac{53}{121}}$

✗ 3. $\frac{57}{111}$

✗ 4. $\frac{55}{121}$

Q.17 'Aus', 'Aman' and 'Boro' are important crops of which of the following in states like Assam, West Bengal and Odisha?

Ans

✗ 1. Wheat

✗ 2. Cotton

✓ 3. Paddy

✗ 4. Mustard

Q.18 Who among the following appoints the Chairman of the National Human Rights Commission of India?

Ans

✗ 1. The Chief Justice of India

✓ 2. The President of India

✗ 3. The Prime Minister

✗ 4. The Speaker of the Lok Sabha

Q.19 If 5.1 : 96.9 :: 96.9 : x, then find the value of x.

Ans

✗ 1. 1845.8

✗ 2. 1837.9

✗ 3. 1844.3

✓ 4. 1841.1

Q.20 A and B can complete a work in 11 days and 33 days, respectively. They started doing the work together, but after 3 days, B had to leave, and A completed the remaining work alone. The remaining work was completed in _____ days.

Ans
- ✔ 1. 7
- ✘ 2. 11
- ✘ 3. 10
- ✘ 4. 12

Q.21 In a certain code language, 'FARE' is coded as '8432' and 'FEAT' is coded as '3287'. What is the code for 'R' in the given code language?

Ans
- ✘ 1. 2
- ✘ 2. 3
- ✘ 3. 8
- ✔ 4. 4

Q.22 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 1 @ 2 2 7 © & 8 6 * # 9 3 6 & 6 # & * © @ 8 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✘ 1. 1
- ✘ 2. 3
- ✔ 3. 2
- ✘ 4. 4

Q.23 Which of the following technologies was used to fabricate the Vikram 3201 microprocessor launched in 2025?

Ans
- ✘ 1. 90nm CMOS technology
- ✘ 2. 250nm CMOS technology
- ✔ 3. 180nm CMOS technology
- ✘ 4. 350nm CMOS technology

Q.24 Which dance form represents a mock fight between Durga and Mahishasura?

Ans
- ✘ 1. Kalbelia
- ✔ 2. Dandiya Raas
- ✘ 3. Ghoomar
- ✘ 4. Tarangmel

Q.25 The marks obtained by the students of a class are given. Find the standard deviation of the marks (rounded off to 2 decimal places).

65, 47, 59, 75, 82, 91, 55 and 78

Ans
- ✘ 1. 12.53
- ✔ 2. 13.99
- ✘ 3. 14.25
- ✘ 4. 15.05

Q.26 This question is based on the five, three-digit numbers given below.

(Left) 325 503 158 391 144 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

Ans

✗ 1. 2

✗ 2. 0

✗ 3. 4

✓ 4. 1

Q.27 Factorise the given expression.

$100a^2 + 300ab + 225b^2$

Ans

✗ 1. $(15a - 10b)^2$

✗ 2. $(10a - 15b)^2$

✓ 3. $(10a + 15b)^2$

✗ 4. $(15a + 10b)^2$

Q.28 In this question, a group of letters is coded by using numbers and symbols as per the table given below and the conditions which follow.

Letter	U	M	S	J	P	T	F
Code	7	4	@	$	%	*	6

Conditions:
1. If the 1st letter is a vowel and the 3rd letter is a consonant, both are to be coded as the code for that 3rd letter consonant.
2. If the 1st and last letters are vowels, both are to be coded as 'N'.
3. If the 2nd and last letters are vowels, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following letters?
AJSPT

Ans

✗ 1. 3 $ % @ *

✗ 2. 3 $ @ % *

✗ 3. 3 $ 3 % *

✓ 4. @ $ @ % *

Q.29 Who are the members of India's recurve men's archery team that won a silver medal in the World Cup Stage 1, 2025?

Ans

✗ 1. Tarundeep Rai, Jayanta Talukdar and Rahul Banerjee

✗ 2. Dhiraj Bommadevara, Abhishek Verma and Atanu Das

✗ 3. Atanu Das, Abhishek Verma and Tarundeep Rai

✓ 4. Dhiraj Bommadevara, Atanu Das and Tarundeep Rai

Q.30 In 2024, India introduced a fast-track procurement clause in which defence procurement policy to reduce acquisition delays?

Ans

✓ 1. Defence Acquisition Procedure

✗ 2. Defence Procurement Manual

✗ 3. Defence Offset Policy

✗ 4. Make in India Defence Protocol

Q.31 M, N, O, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. S lives on floor numbered 5. O lives on a floor above S. Only T lives below N. U lives on an even numbered floor. How many people live below M?

Ans
- ✗ 1. Three
- ✗ 2. One
- ✓ 3. Two
- ✗ 4. Four

Q.32 Who among the following was the leader of the 1857 rebellion of Sambalpur?

Ans
- ✗ 1. Alluri Seetharama Raju
- ✗ 2. Budhu Bhagat
- ✗ 3. Govind Guru
- ✓ 4. Veer Surendra Sai

Q.33 In January 2025, which theme was used to promote voting on National Voters' Day?

Ans
- ✗ 1. Your Vote, Your Voice
- ✗ 2. Vote Now, Shape Future
- ✓ 3. Nothing Like Voting, I Vote for Sure
- ✗ 4. Making Elections Inclusive and Accessible

Q.34 A boat takes 75 minutes to go 62.3 km upstream. The ratio of the speed of the boat in still water to that of the stream is 3 : 2. How much total time (in hours) will the boat take to go 67.6 km upstream and 35.8 km downstream?

Ans
- ✗ 1. 2.4
- ✓ 2. 1.5
- ✗ 3. 4.1
- ✗ 4. 0.6

Q.35 Tushar has borrowed an amount of ₹2,00,000 from a bank to start a business. How much simple interest (in ₹) will he pay at a rate of 8% per annum after 4 years?

Ans
- ✗ 1. 65,000
- ✓ 2. 64,000
- ✗ 3. 63,000
- ✗ 4. 2,64,000

Q.36 Which of the following rivers rises in the western slopes of the Aravalli Range near Ajmer, where it is known as the Sagarmati?

Ans
- ✗ 1. Drishadvati
- ✓ 2. Luni
- ✗ 3. Chambal
- ✗ 4. Saraswati

Q.37 What must State legislators do under Article 188 of the Constitution of India before taking their seats for the first time in state assembly?

Ans
- ✓ 1. Take oath or affirmation
- ✗ 2. Get CM's approval
- ✗ 3. Declare assets
- ✗ 4. Background check

Q.38 A hollow spherical shell is made of a metal of density 11 g/cm^3. Its internal and external radii are 3 cm and 6 cm, respectively. What is the weight (in kg) of the shell?

$(\text{Use } \pi = \frac{22}{7}, \text{Density } = \frac{\text{Mass}}{\text{Volume}})$

Ans
- ✔ 1. 8.712
- ✘ 2. 5.712
- ✘ 3. 9.87
- ✘ 4. 9.82

Q.39 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

AEU GLA MSG SZM ?

Ans
- ✔ 1. YGS
- ✘ 2. YSG
- ✘ 3. SYG
- ✘ 4. SGY

Q.40 In which Indian state are the Kachchh and Kathiawar coasts located?

Ans
- ✘ 1. Goa
- ✘ 2. Rajasthan
- ✔ 3. Gujarat
- ✘ 4. Maharashtra

Q.41 Three numbers are in the ratio 1 : 5 : 6, and their LCM is 5250. Their HCF is:

Ans
- ✘ 1. 183
- ✔ 2. 175
- ✘ 3. 171
- ✘ 4. 193

Q.42 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ 1. XT-CI
- ✔ 2. FA-KQ
- ✘ 3. RN-WC
- ✘ 4. WS-BH

Q.43 The surface area of a sphere is 4π cm^2. The volume of the sphere is:

Ans
- ✘ 1. $\frac{2\pi}{3}$ cm^3
- ✘ 2. $\frac{5\pi}{3}$ cm^3
- ✘ 3. $\frac{13\pi}{3}$ cm^3
- ✔ 4. $\frac{4\pi}{3}$ cm^3

Q.44 A vendor buys 44 laptop bags for ₹48,884 and sells them at 28 for ₹35,252. How many laptop bags should be bought and sold to earn a profit of ₹6,956?

Ans

✗ 1. 17

✗ 2. 37

✓ 3. 47

✗ 4. 20

Q.45 Which bank launched the 'Global Women NRE & NRO Savings Account' in March 2025?

Ans

✗ 1. State Bank of India

✓ 2. Bank of Baroda

✗ 3. Punjab National Bank

✗ 4. Axis Bank

Q.46 KUQC is related to MYSG in a certain way based on the English alphabetical order. In the same way, OCUK is related to QGWO. To which of the following is SKYS related, following the same logic?

Ans

✗ 1. TNBV

✓ 2. UOAW

✗ 3. TPAX

✗ 4. VPZX

Q.47 Disinvestment proceeds contribute to non-tax revenue of the government. Which body manages disinvestment in India?

Ans

✗ 1. NABARD

✗ 2. RBI

✓ 3. DIPAM

✗ 4. SEBI

Q.48 Which of the following is not one of the Ettuttokai (Eight Anthologies) of the Sangam literature?

Ans

✗ 1. Purananuru

✓ 2. Tolkappiyam

✗ 3. Narrinai

✗ 4. Kuruntokai

Q.49 RN 15 is related to TM 7 in a certain way. In the same way, LL 11 is related to NK 3. To which of the given options is MM 3 related, following the same logic?

Ans

✓ 1. OL −5

✗ 2. LP −9

✗ 3. JG −7

✗ 4. KN −5

Q.50 Which of the following statements best describes the role of RAM and ROM in a computer system?

Ans

✗ 1. RAM is used to store the operating system and permanent files, while ROM is used to store temporary data.

✓ 2. ROM is used to store system firmware, while RAM stores temporary data for active processes.

✗ 3. ROM is used for storing data that can be modified and written to, while RAM stores fixed data.

✗ 4. RAM is non-volatile, while ROM is volatile.

Q.51 If the selling price of a bed is 3-times of initial, then the profit is 4-times of initial. Find the initial profit percentage (in %).

Ans

✗ 1. 75

✗ 2. 133.33

✓ 3. 200

✗ 4. 33.33

Q.52 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only two people sit between A and R when counted from the right of A. Only two people sit between R and D. Only three people sit between A and B. C sits to the immediate left of T. Who sits third to the left of S?

Ans

✗ 1. D

✓ 2. T

✗ 3. C

✗ 4. A

Q.53 H, O, L, D, E, and R live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. No one lives above L. Only three people live between L and R. H lives on a floor below R. E lives on an even numbered floor. O lives on an odd numbered floor but not on floor number 5.
How many people live between D and R?

Ans

✗ 1. Zero

✓ 2. Two

✗ 3. Three

✗ 4. One

Q.54 What is the tenure of the Central Board of Directors in Reserve Bank of India?

Ans

✗ 1. Three years

✓ 2. Four years

✗ 3. Two years

✗ 4. Five years

Q.55 If the eight-digit number 51883p47 is divisible by 9, then the maximum value of p is:

Ans

✗ 1. 8

✗ 2. 7

✗ 3. 5

✓ 4. 9

Q.56 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 3651724, what will be the sum of the second digit from the left and the first digit from the right in the new number thus formed?

Ans

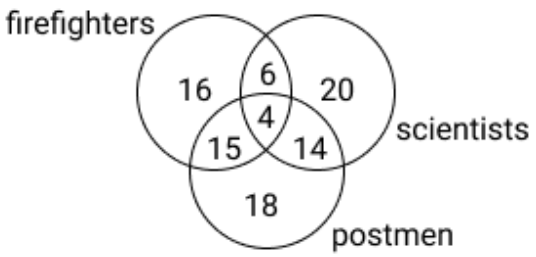
✗ 1. 10

✓ 2. 14

✗ 3. 12

✗ 4. 8

Q.57 Study the given diagram and answer the question that follows. (The numbers in different sections indicate the number of persons.)



How many such scientists are there who are also firefighters but not postmen?

Ans
- ✔ 1. 6
- ✘ 2. 20
- ✘ 3. 16
- ✘ 4. 15

Q.58 Seven boxes, A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept below D. Only one box is kept above A. Only one box is kept between A and E. G is kept immediately above B. C is kept in some place below F. How many boxes are kept above G?

Ans
- ✘ 1. 2
- ✔ 2. 5
- ✘ 3. 4
- ✘ 4. 3

Q.59 The average price of three items of furniture is ₹15,015. If their prices are in the ratio 3 : 5 : 7, the price of the costliest item (in ₹) is:

Ans
- ✘ 1. 7,007
- ✘ 2. 9,009
- ✔ 3. 21,021
- ✘ 4. 5,005

Q.60 If 2% of x = 360, then x is equal to:

Ans
- ✘ 1. 36000
- ✔ 2. 18000
- ✘ 3. 18100
- ✘ 4. 36100

Q.61 Simplify :

$$\frac{2^2 \times 9^3}{\sqrt{4} \times \sqrt{6561}}$$

Ans
- ✘ 1. 27
- ✔ 2. 18
- ✘ 3. 23
- ✘ 4. 21

Q.62 The sum of 2 times Priya's present age and Jaya's present age is 48 years. Sanjay's is presently 2 times as old as Jaya. Mohit's present age is 4 years more than Priya's present age. The sum of the present ages of Sanjay and Mohit is 46 years. What is the sum of the present ages (in years) of Priya and Jaya?

Ans
- ✘ 1. 40
- ✘ 2. 38
- ✔ 3. 30
- ✘ 4. 15

Q.63 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

KNP ILN GJL EHJ ?

Ans
- ✔ 1. CFH
- ✘ 2. CFG
- ✘ 3. CEH
- ✘ 4. CEG

Q.64 If 25% of k is 10 less than 1200% of 25, then k is:

Ans
- ✘ 1. 1200
- ✘ 2. 1120
- ✘ 3. 1140
- ✔ 4. 1160

Q.65 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ 1. FL – JE
- ✔ 2. MS – PL
- ✘ 3. WC – AV
- ✘ 4. DJ – HC

Q.66 Pipes A and B can fill an empty cistern in 21 minutes and 42 minutes, respectively. Both Pipe A and Pipe B are opened together. After how much time should Pipe B be turned off so that the empty cistern is completely filled in a total of 16 minutes?

Ans
- ✘ 1. 5 minutes
- ✔ 2. 10 minutes
- ✘ 3. 15 minutes
- ✘ 4. 12 minutes

Q.67 Which novel by Ocean Vuong follows a 19-year-old named Hai who becomes the caretaker of an elderly woman with dementia?

Ans
- ✘ 1. Time is a Mother
- ✔ 2. The Emperor of Gladness
- ✘ 3. The Night Sky with Exit Wounds
- ✘ 4. On Earth We're Briefly Gorgeous

Q.68 Mr. I starts from Point J and drives 5 km towards the west. He then takes a right turn, drives 7 km, turns right and drives 11 km. He then takes a left turn and drives 2 km. He then takes a right turn and drives 4 km. He then takes a final right turn, drives 9 km and stops at Point K. How far (shortest distance) and towards which direction should he drive in order to reach Point J again? (All turns are 90 degree turns only unless specified.)

Ans
- ✔ 1. 10 km towards the west
- ✘ 2. 10 km towards the east
- ✘ 3. 13 km towards the south
- ✘ 4. 11 km towards the north

Q.69 What power does the President of India hold regarding the Contingency Fund of India?

Ans
- ✘ 1. The President delegates the control of the fund to the Finance Commission.
- ✔ 2. The President controls the fund to advance money for unforeseen expenses.
- ✘ 3. The President approves the annual disburse
- ✘ 4. The President can only advise on the use of the fund.

Q.70 What was the unemployment rate in India as per the Periodic Labour Force Survey during January to December 2024?

Ans
- ✔ 1. 3.2%
- ✘ 2. 16.5%
- ✘ 3. 2.1%
- ✘ 4. 5.6%

Q.71 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) & 5 @ 9 7 £ $ 5 $ 9 8 8 8 * $ $ # * 1 7 1 4 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✘ 1. 1
- ✔ 2. 2
- ✘ 3. 3
- ✘ 4. 4

Q.72 When utilising the 'Paste Special' function in MS Word to insert content copied from a spreadsheet, which of the following paste options would preserve the original formula calculations while displaying the calculated values in the Word document?

Ans
- ✘ 1. Picture (Enhanced Metafile)
- ✘ 2. HTML Format
- ✔ 3. MS Excel Worksheet Object
- ✘ 4. Unformatted Text

Q.73 Which of the following cities is set to host the COP30 climate summit in 2025?

Ans
- ✘ 1. Tokyo, Japan
- ✘ 2. Paris, France
- ✔ 3. Belem, Brazil
- ✘ 4. Nairobi, Kenya

Q.74 Find the discriminant of the quadratic equation $3x^2 - 4x + 2 = 0$, and hence determine the nature of its roots.

Ans
- ✔ 1. Discriminant = −8, roots are imaginary
- ✘ 2. Discriminant = 8, roots are real and equal
- ✘ 3. Discriminant = −8, roots are real and distinct
- ✘ 4. Discriminant = 8, roots are real and distinct

Q.75 What should come in place of the question mark (?) in the given series?

163 131 99 67 35 ?

Ans
- ✘ 1. 2
- ✘ 2. 4
- ✘ 3. 12
- ✔ 4. 3

Q.76 What is the third proportional of $10x^2$ and $30xy$?

Ans
- ✘ 1. $92y^2$
- ✘ 2. $87y^2$
- ✘ 3. $93y^2$
- ✔ 4. $90y^2$

Q.77 **Which animal/bird was commonly depicted on Harappan seals?**

Ans

✗ 1. Peacock

✗ 2. Sparrow

✗ 3. Horse

✓ 4. Unicorn

Q.78 **In this question, a group of numbers is coded by using letters and symbols as per the table given below and the conditions which follow.**

Number	7	8	2	3	4	5	6
Code	Z	Q	*	@	#	$	T

Conditions:

1. If the 1st and 2nd digits are even, both are to be coded as 'A'.

2. If the 1st and last digits are odd, both are to be coded as the code for the 1st digit.

3. If the 3rd and 4th digits are even, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following digits?

38159

Ans

✗ 1. S Q J $ S

✓ 2. @ Q J $ @

✗ 3. S Q J $ @

✗ 4. @ Q J $ S

Q.79 **Which component is commonly used in a circuit to vary the resistance?**

Ans

✗ 1. Diode

✗ 2. Voltmeter

✓ 3. Rheostat

✗ 4. Transformer

Q.80 Simplify: $50 \div \left\{3 \times \left(\frac{8}{6} \text{ of } \frac{6}{6}\right)\right\}$

Ans

✗ 1. $\frac{31}{2}$

✓ 2. $\frac{25}{2}$

✗ 3. $\frac{23}{2}$

✗ 4. $\frac{27}{2}$

Q.81 **Which of the following companies founded in 1602 is also known as the 'Verenigde Oostindische Compagnie (VOC)'?**

Ans

✗ 1. Austrian East India Company

✓ 2. Dutch East India Company

✗ 3. Portuguese East India Company

✗ 4. German East India Company

Q.82 **In March 2025, Indian PM Narendra Modi attended the National Day celebrations of which country as the Chief Guest?**

Ans

✗ 1. Maldives

✗ 2. Bhutan

✗ 3. Sri Lanka

✓ 4. Mauritius

Q.83 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

69 ÷ 11 + 408 × 6 − 14 = ?

Ans
- ✔ 1. 705
- ✘ 2. 720
- ✘ 3. 710
- ✘ 4. 715

Q.84 Which of the following elements had NOT been discovered during Mendeleev's time?

Ans
- ✘ 1. Chlorine and Fluorine
- ✘ 2. Hydrogen and Nitrogen
- ✘ 3. Gallium and Germanium
- ✔ 4. Radon and Polonium

Q.85 Which was the new scheme announced during Budget 2025-26 that targets 100 low-productivity districts and focuses on enhancing agricultural productivity, crop diversification, sustainable practices, irrigation and post-harvest storage?

Ans
- ✘ 1. Pradhan Mantri Kisan Sampada Yojana
- ✘ 2. Pradhan Mantri Fasal Bima Yojana
- ✔ 3. Prime Minister Dhan-Dhaanya Krishi Yojana
- ✘ 4. Pradhan Mantri Kisan Samman Nidhi

Q.86 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

JF-LH-NP
HD-JF-LN

Ans
- ✘ 1. KH-NI-PS
- ✘ 2. LH-NJ-PS
- ✘ 3. KH-NJ-PS
- ✔ 4. LH-NJ-PR

Q.87 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: TRV :: SQU : %

Ans
- ✘ 1. # = IOY, % = PWR
- ✔ 2. # = WUY, % = PNR
- ✘ 3. # = WUO, % = ZNR
- ✘ 4. # = WZY, % = UQR

Q.88 A user wants to have a bulleted list in MS PowerPoint. After typing a list item and pressing Enter, they want to create a sub-bullet point (a lower-level bullet). Which of the following actions will reliably achieve this?

Ans
- ✘ 1. Pressing Alt + Enter
- ✘ 2. Pressing Ctrl + Tab
- ✔ 3. Clicking the 'Increase List Level' button in the Paragraph group
- ✘ 4. Clicking the 'Decrease List Level' button in the Paragraph group

Q.89 Two transversal lines S and T cut a set of distinct parallel lines. S cuts the parallel lines in points A, B, C and D and T cuts the parallel lines in points E, F, G and H. If AB = 5 cm, CD = 3 cm and EF = 15 cm, then the length (in cm) of GH is:

Ans
- ✔ 1. 9
- ✘ 2. 6
- ✘ 3. 8
- ✘ 4. 4

Q.90 A 120 m long train overtakes a man moving at a speed of 9 km/hr (in same direction) in 18 seconds. How much time (in seconds) will this train take to completely cross another 230 m long train, moving in the opposite direction at a speed of 27 km/hr?

Ans
- ✘ 1. 17
- ✘ 2. 35
- ✔ 3. 21
- ✘ 4. 33

Q.91 In an isosceles triangle, the vertex angle measures 14°. What is the measure of each of the base angles?

Ans
- ✘ 1. 103° and 103°
- ✘ 2. 86° and 86°
- ✔ 3. 83° and 83°
- ✘ 4. 79° and 79°

Q.92 What is the primary purpose of the .ppsx file format in MS PowerPoint 365?

Ans
- ✘ 1. To save the presentation in a read-only format
- ✔ 2. To save the presentation in a format that opens directly in Slide Show mode
- ✘ 3. To save the presentation as a template for future use
- ✘ 4. To compress the presentation file size

Q.93 Consider the following statements regarding the 'Dare Square' Motorcycle Expedition flagged off in January 2025.
The expedition was launched by the Eastern Naval Command as part of INS Ranvijay's 37^{th} anniversary celebrations.
The rally aims to promote mental health awareness, road safety and maritime heritage among youth through outreach activities.
It was conducted in collaboration with the Indian Air Force and covered northeastern states of India.
The rally culminates at the Dogra Regimental Centre in Ayodhya, highlighting the naval affiliation with the Dogra Regiment.
Which of the above statements are correct?

Ans
- ✘ 1. Only 1, 2 and 3
- ✘ 2. Only 1 and 3
- ✘ 3. Only 2 and 4
- ✔ 4. Only 1, 2 and 4

Q.94 Which of the following statements with respect to Dividend Distribution Tax (DDT) in India is/are correct?

1. DDT was a tax on dividends paid to the shareholders of a company.
2. Budget 2025-26 has proposed to remove the DDT paid by the companies to investors.
3. DDT was removed to avoid double taxation of dividends and make the Indian Equity Market more attractive.

Ans
- ✘ 1. 1, 2 and 3
- ✘ 2. Only 1 and 2
- ✔ 3. Only 1 and 3
- ✘ 4. Only 2 and 3

Q.95 Who inaugurated the National Conference on 'Environment – 2025' in New Delhi on 29 March 2025?

Ans
- ✗ 1. Amit Shah
- ✗ 2. Narendra Modi
- ✓ 3. Droupadi Murmu
- ✗ 4. Sonia Gandhi

Q.96 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
12 - 13 - 17 - 20 ; 22 - 23 - 27 - 30

Ans
- ✗ 1. 56 - 57 - 60 - 65
- ✓ 2. 44 - 45 - 49 - 52
- ✗ 3. 4 - 8 - 12 - 16
- ✗ 4. 32 - 33 - 37 - 41

Q.97 Which Act empowered Her Majesty to issue Letters Patent for setting up High Courts?

Ans
- ✓ 1. Indian High Courts Act, 1861
- ✗ 2. Regulating Act, 1773
- ✗ 3. Charter Act, 1833
- ✗ 4. Government of India Act, 1935

Q.98 Who among the following wrote the book 'Parvat Shiromani Bhagat Singh Koshyari'?

Ans
- ✓ 1. Madan Mohan Sati
- ✗ 2. PS Raman
- ✗ 3. Gopichand P Hinduja
- ✗ 4. Arun Shourie

Q.99 In a certain code language,
'A+ B' means 'A is the sister of B'
'A – B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M × N ÷ O + P – Q'?

Ans
- ✓ 1. Mother
- ✗ 2. Wife
- ✗ 3. Sister
- ✗ 4. Daughter

Q.100 Which of the following is NOT a category of judicial review, as classified by Justice Syed Shah Mohammed Quadri?

Ans
- ✗ 1. Judicial review of legislation of the Parliament and State Legislatures and subordinate legislations
- ✗ 2. Judicial review of constitutional amendments
- ✗ 3. Judicial review of administrative action of the Union and State and authorities under the state
- ✓ 4. Judicial review of judicial appointments to the Supreme Court and High Courts

Test Date	13/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:
All bikes are roads.
Some roads are TVs.
Some TVs are cups.

Conclusions:
(I) All roads are bikes.
(II) All roads are TVs.

Ans
✗ 1. Both conclusion (I) and (II) follow
✗ 2. Only conclusion (II) follows
✓ 3. Neither conclusion (I) nor (II) follows
✗ 4. Only conclusion (I) follows

Q.2 **If 25% of k is 10 less than 1800% of 10, then k is:**

Ans
✗ 1. 640
✓ 2. 680
✗ 3. 660
✗ 4. 720

Q.3 **What is the main advantage of saving an MS PowerPoint presentation as a .pdf file?**

Ans
✗ 1. It enables users to modify slides in any PDF viewer.
✓ 2. It reduces file size and prevents unwanted editing.
✗ 3. It allows all MS PowerPoint animations to run.
✗ 4. It automatically translates text into different languages.

Q.4 **If the third proportional of 36 and Z is 4, then what is the positive value of Z?**

Ans
✗ 1. 14
✗ 2. 11
✗ 3. 9
✓ 4. 12

Q.5 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

OL-QN-SU
LI-NK-PR

Ans
- ✗ 1. SO-TR-VY
- ✓ 2. RO-TQ-VX
- ✗ 3. RO-TQ-VY
- ✗ 4. SO-TQ-VY

Q.6 With reference to the 40th Amendment Act, 1976, which category of maritime zones came under the legislative jurisdiction of the Parliament?

Ans
- ✗ 1. Groundwater reserves
- ✓ 2. Territorial waters and EEZ
- ✗ 3. Inter-state river waters
- ✗ 4. Inland rivers and lakes

Q.7 The compound interest earned in 1 year on ₹2,40,000 at the rate of 40% per annum, compounded quarterly, is:

Ans
- ✗ 1. ₹1,12,281
- ✓ 2. ₹1,11,384
- ✗ 3. ₹1,10,519
- ✗ 4. ₹1,12,269

Q.8 What will come in place of the question mark (?) in the following equation if '÷' and '–' are interchanged and '×' and '+' are interchanged?

89 ÷ 4984 – 89 × 9 + 2 = ?

Ans
- ✗ 1. 15
- ✓ 2. 51
- ✗ 3. 55
- ✗ 4. 92

Q.9 On 4 April 2025, which bank of India has launched a verified WhatsApp channel for Financial Updates?

Ans
- ✗ 1. State Bank of India
- ✓ 2. Reserve Bank of India
- ✗ 3. Axis Bank
- ✗ 4. Bank of Baroda

Q.10 The percentage profit earned by selling an article for ₹6,833 is equal to the percentage loss incurred by selling the same article for ₹1,447. At what price should the article be sold (in ₹) to make a 45% profit?

Ans
- ✓ 1. 6,003
- ✗ 2. 6,001
- ✗ 3. 6,002
- ✗ 4. 6,005

Q.11 A tap fills a cistern in 18 hours. Another tap empties the full tank in 19 hours. How long (in hours) will it take to fill one-third of the tank, if the tank is empty initially and both the taps are open together?

Ans
- ✓ 1. 114
- ✗ 2. 342
- ✗ 3. 456
- ✗ 4. 228

Q.12 A can complete a piece of work in 14 days and B can complete it in 10 days. If they work on alternate days, starting with B on the first day, then in how many days will the work be finished?

Ans

✗ 1. $11\frac{2}{3}$

✗ 2. $10\frac{2}{3}$

✓ 3. $11\frac{3}{5}$

✗ 4. $10\frac{3}{5}$

Q.13 When was municipal governance first introduced in British India?

Ans

✓ 1. 1687

✗ 2. 1850

✗ 3. 1919

✗ 4. 1882

Q.14 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

405 ÷ 2 + 369 × 9 − 32 = ?

Ans

✗ 1. 804

✓ 2. 801

✗ 3. 803

✗ 4. 802

Q.15 According to the 73rd Constitutional Amendment Act, 1992, which body functions as the foundation of the Panchayati Raj system, ensuring broad-based community participation?

Ans

✓ 1. Gram Sabha

✗ 2. Zila Parishad

✗ 3. Nyaya Panchayat

✗ 4. Gram Panchayat

Q.16 A gas stove flame burns blue because of:

Ans

✗ 1. Hazardous combustion

✗ 2. Insufficient oxygen

✗ 3. Presence of hydrogen in the air

✓ 4. Complete combustion of fuel

Q.17 JKL is related to KMO in a certain way based on the English alphabetical order. In the same way, PQR is related to QSU. To which of the following is XYZ related, following the same logic?

Ans

✗ 1. YZA

✗ 2. FED

✗ 3. ABC

✓ 4. YAC

Q.18 Manjit has borrowed an amount of ₹2,20,000 from a bank to start a business. How much simple interest (in ₹) will he pay at a rate of 4% per annum after 2 years?

Ans

✔ 1. 17,600

✘ 2. 18,600

✘ 3. 16,600

✘ 4. 2,37,600

Q.19 If an angle of a parallelogram is 27° less than four – fifth of its adjacent angle, then find the smallest angle of the parallelogram.

Ans

✘ 1. 45°

✘ 2. 70°

✘ 3. 50°

✔ 4. 65°

Q.20 The sum of three numbers x, y and z is 12 and their squares sum is 20. What will be the value of $x^3 + y^3 + z^3 - 3xyz$?

Ans

✘ 1. -305

✘ 2. 305

✘ 3. 504

✔ 4. -504

Q.21 Three numbers are in the ratio 1 : 15 : 7, and their LCM is 4830. Their HCF is:

Ans

✘ 1. 43

✘ 2. 41

✘ 3. 49

✔ 4. 46

Q.22 This question is based on the five, three-digit numbers given below.
(Left) 740 636 787 884 316 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

Ans

✔ 1. 14

✘ 2. 17

✘ 3. 13

✘ 4. 15

Q.23 A conical vessel has base radius 6 cm and height 20 cm. Water is poured into the vessel until it is $\frac{3}{4}$ full. Find the volume (in cm^3) of water in the vessel.

Ans

✘ 1. 184π

✘ 2. 187π

✔ 3. 180π

✘ 4. 171π

Q.24 Vipul spends 55% of his income. If he saves ₹18,000, then his income (in ₹) is:

Ans

✘ 1. 9,900

✘ 2. 39,000

✔ 3. 40,000

✘ 4. 41,000

Q.25 **Which of the following statements is correct with reference to the industrial use of freon?**

Ans

✔ 1. It is used in refrigeration and aerosol production.

✘ 2. It is used for textile dyeing.

✘ 3. It is primarily used in food processing and as a food preservative.

✘ 4. It is used as a pesticide and insecticide.

Q.26 **A, B, C, D, E, F and G are sitting around a circular table facing the centre. D sits third to the right of C. A sits second to the right of B. B is not an immediate neighbour of C. G sits to the immediate right of F. C sits to the immediate left of F. How many people sit between G and E when counted from the left of G?**

Ans

✔ 1. Three

✘ 2. None

✘ 3. Two

✘ 4. One

Q.27 **If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3762184, what will be the sum of the highest and lowest digits in the number thus formed?**

Ans

✘ 1. 6

✘ 2. 9

✘ 3. 7

✔ 4. 8

Q.28 **A boat takes 27 minutes to go 40.6 km upstream. The ratio of the speed of the boat in still water to that of the stream is 8 : 7. How much total time (in hours) will the boat take to go 77.7 km upstream and 52.5 km downstream?**

Ans

✘ 1. 3.7

✔ 2. 0.9

✘ 3. 2.2

✘ 4. 1.1

Q.29 **Who won Best Directorial Debut for 'Madgaon Express' at IIFA Awards, 2025?**

Ans

✘ 1. Kiran Rao

✘ 2. Sriram Raghavan

✘ 3. Biplab Goswami

✔ 4. Kunal Kemmu

Q.30 **Which among the following contains a collection of eight poetic anthologies from ancient Tamil literature?**

Ans

✔ 1. Ettuttokai

✘ 2. Pattuppattu

✘ 3. Silappatikaram

✘ 4. Tolkappiyam

Q.31 **Since December 2022, the functions of the National Anti-Profiteering Authority established in association with GST reforms have been transferred to which body in India?**

Ans

✔ 1. Competition Commission

✘ 2. Directorate General of Trade Remedies

✘ 3. NITI Aayog

✘ 4. Reserve Bank of India

Q.32 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

GOQ 35, HPR 32, IQS 29, JRT 26, ?

Ans
- ✔ 1. KSU 23
- ✘ 2. KPN 22
- ✘ 3. RQM 22
- ✘ 4. RPM 23

Q.33 G, H, I, J, K and X live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. K lives on an odd numbered floor but not on the lowermost floor. Only two people live between K and G. Only two people live between I and H. X lives immediately below K. No one lives above I. How many people live between J and X?

Ans
- ✔ 1. Two
- ✘ 2. Three
- ✘ 3. Four
- ✘ 4. One

Q.34 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

SW-NR-IM
IM-DH-YC

Ans
- ✔ 1. YC-TX-OS
- ✘ 2. UY-PT-LO
- ✘ 3. HL-DG-XB
- ✘ 4. FJ-AE-WZ

Q.35 In this question, a group of letters is coded by using numbers and symbols as per the table given below and the conditions which follow.

Letter	U	M	S	J	P	T	F	E	A
Code	7	4	@	$	%	*	6	2	3

Conditions:
1. If the 1st letter is a vowel and the 3rd letter is a consonant, both to be coded as the code of the consonant.
2. If the 1st and last letters are vowels, both are to be coded as 'N'.
3. If the 2nd and last letters are vowels, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following letters?
SEMTU

Ans
- ✔ 1. @ 7 4 * 2
- ✘ 2. @ 2 4 * 2
- ✘ 3. @ 2 4 * 7
- ✘ 4. @ 7 4 * 7

Q.36 Who among the following was NOT a Mauryan ruler?

Ans
- ✘ 1. Brihadratha
- ✔ 2. Pushyamitra
- ✘ 3. Samprati
- ✘ 4. Devavarman

Q.37 _____ recorded the highest population density in 2011, as per the 2011 Census of India.

Ans
✗ 1. Hyderabad
✓ 2. North East Delhi
✗ 3. Chennai
✗ 4. Mumbai Sub-Urban

Q.38 In a certain code language,
'A + B' means 'A is the sister of B'
'A – B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M ÷ N – O + P × Q'?

Ans
✗ 1. Brother
✗ 2. Wife's Brother
✗ 3. Father
✓ 4. Wife's Father

Q.39 The Chotanagpur Plateau is drained by which river system?

Ans
✗ 1. Godavari
✗ 2. Krishna
✓ 3. Damodar
✗ 4. Tapi

Q.40 Simplify :

$$\frac{\sqrt{0.012321}}{\sqrt{0.001369}}$$

Ans
✗ 1. 16
✗ 2. 18
✗ 3. 23
✓ 4. 3

Q.41 The revolt of 1857 broke out on 10th May from which of the following places, when sepoys rose in rebellion and marched towards Delhi to restore Bahadur Shah II to the throne?

Ans
✗ 1. Mysore
✓ 2. Meerut
✗ 3. Kanpur
✗ 4. Awadh

Q.42 Which canal project plays a major role in irrigation in the Thar Desert?

Ans
✗ 1. Yamuna Canal
✓ 2. Indira Gandhi Canal
✗ 3. Tehri Canal
✗ 4. Sardar Sarovar Canal

Q.43 How many religious communities are covered under the 2019 Citizenship Amendment Act?

Ans
✗ 1. 5
✗ 2. 7
✗ 3. 3
✓ 4. 6

Q.44 Which country did PM Narendra Modi visit in March 2025 to attend its 57th National Day celebrations?

Ans
- ✔ 1. Mauritius
- ✘ 2. Fiji
- ✘ 3. Maldives
- ✘ 4. Seychelles

Q.45 The marked price of a smartwatch set is ₹640. It sells with two successive discounts of 30% and 25%. An additional 25% discount is given on cash payment. What is the selling price (in ₹) of the smartwatch set on cash payment?

Ans
- ✘ 1. 249
- ✔ 2. 252
- ✘ 3. 253
- ✘ 4. 251

Q.46 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DK26, GN33, JQ40, MT47, ?

Ans
- ✘ 1. PV53
- ✔ 2. PW54
- ✘ 3. PV54
- ✘ 4. PW53

Q.47 What should come in place of the question mark (?) in the given series?

46 55 78 87 110 119 ?

Ans
- ✘ 1. 128
- ✔ 2. 142
- ✘ 3. 137
- ✘ 4. 150

Q.48 Which global observance did UNESCO mark on 24 January 2025?

Ans
- ✘ 1. World Science Day
- ✘ 2. International Day of Peace
- ✘ 3. World Heritage Day
- ✔ 4. International Day of Education

Q.49 In February 2025, an avalanche struck a Border Roads Organisation camp in which location, resulting in eight fatalities?

Ans
- ✘ 1. Leh, Ladakh
- ✘ 2. Tawang, Arunachal Pradesh
- ✘ 3. Kargil, Ladakh
- ✔ 4. Mana, Uttarakhand

Q.50 Rohan starts from point A and drives 8 km towards the north. He then takes a left turn, drives 12 km, turns left and drives 11 km. He then takes a left turn and drives 14 km. He takes a final left turn, drives 3 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✘ 1. 3 km to the west
- ✔ 2. 2 km to the west
- ✘ 3. 3 km to the east
- ✘ 4. 2 km to the east

Q.51 The Mahalwari system was prevalent in certain regions of northern and central India. From whom was the land revenue collected under the Mahalwari system?

Ans
- ✔ 1. Village head
- ✘ 2. Individual peasants
- ✘ 3. Religious institutions
- ✘ 4. Landlords

Q.52 Who among the following did Pankaj Advani defeat in the final of the 2025 Asian Snooker Championship?

Ans
- ✔ 1. Amir Sarkosh
- ✘ 2. Ahsan Ramzan
- ✘ 3. Habib Shalaby
- ✘ 4. Mohsen Bukshaisha

Q.53 If the average of four numbers is 40 and three of the numbers among four are 40, 42 and 55, what will be the fourth number?

Ans
- ✘ 1. 29
- ✔ 2. 23
- ✘ 3. 21
- ✘ 4. 27

Q.54 Under the SVAMITVA scheme, which modern technology is used to map land ownership in rural India?

Ans
- ✘ 1. Satellite Radar Imaging
- ✘ 2. Artificial Intelligence
- ✘ 3. Blockchain
- ✔ 4. Drone Surveying

Q.55 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NK-RO-VX
LI-PM-TV

Ans
- ✔ 1. JG-NK-RT
- ✘ 2. IG-NK-RU
- ✘ 3. IG-NL-RU
- ✘ 4. JG-NK-RU

Q.56 Which of the following sentences passed by a Sessions Judge requires mandatory confirmation by the High Court?

Ans
- ✘ 1. Imprisonment exceeding 10 years
- ✘ 2. Life imprisonment
- ✘ 3. Imprisonment exceeding 5 years
- ✔ 4. Capital punishment

Q.57 Uninterrupted and seamless chain of Input Tax Credit (ITC) is a mechanism to avoid cascading of taxes in which of the following taxes?

Ans
- ✘ 1. Angel tax
- ✘ 2. Equalisation levy
- ✘ 3. Countervailing duty
- ✔ 4. GST

Q.58 If 1 is added to each even digit and 1 is added to each odd digit in the number 7142568, what will be the sum of the first digit from the left and the first digit from the right in the new number thus formed?

Ans
- ✗ 1. 15
- ✗ 2. 14
- ✓ 3. 17
- ✗ 4. 10

Q.59 A swimmer can swim downstream at 40 km/hr and upstream at 26 km/hr. What is the speed of the swimmer in still water?

Ans
- ✓ 1. 33 km/hr
- ✗ 2. 26 km/hr
- ✗ 3. 42 km/hr
- ✗ 4. 40 km/hr

Q.60 A person standing 30 metres away from a tower observes the angle of elevation to the top of the tower as 30°. Find the height of the tower.

Ans
- ✓ 1. $10\sqrt{3}$ metres
- ✗ 2. $10\sqrt{2}$ metres
- ✗ 3. 30 metres
- ✗ 4. $30\sqrt{3}$ metres

Q.61 At Aero India 2025, the DRDO unveiled a new technology to enhance aircraft launch capabilities for the Indian Navy. What is this technology called?

Ans
- ✓ 1. Electro-Magnetic Launch System (EMLS)
- ✗ 2. Magnetic Aircraft Launch System (MALS)
- ✗ 3. Integrated Launch Assist System (ILAS)
- ✗ 4. Advanced Catapult Launch Mechanism (ACLM)

Q.62 The salaries of A, B, and C are in the ratio 3 : 10 : 8. If increments of 10%, 61%, and 20% are allowed respectively in their salaries, what will be the new ratio of their salaries?

Ans
- ✗ 1. 30 : 165 : 98
- ✗ 2. 35 : 163 : 102
- ✗ 3. 34 : 167 : 103
- ✓ 4. 33 : 161 : 96

Q.63 What is the function of subsidiary cells?

Ans
- ✗ 1. Secretion of enzymes for nutrient acquisition, defence and digestion
- ✗ 2. Transport of food through phloem
- ✓ 3. Support of guard cells in stomatal function
- ✗ 4. Absorption of light for photosynthesis

Q.64 A sphere with a radius of 53 cm is melted to form a cone with the same radius at its base. Find the height (in cm) of the cone.

Ans
- ✗ 1. 219
- ✗ 2. 215
- ✗ 3. 205
- ✓ 4. 212

Q.65 The cost of 6 pens and 5 pencils is ₹259. If the cost of a pen decreases by ₹9 and the cost of a pencil increases by ₹4, then the cost of 19 pens and 2 pencils is ₹90. What is the original cost of 13 pens and 2 pencils?

Ans
✗ 1. ₹202
✓ 2. ₹199
✗ 3. ₹195
✗ 4. ₹197

Q.66 Find the value of 'c' so that the quadratic equation $2x^2 - 3x + c = 0$ and $x^2 - 9x - 22 = 0$ may have one common root 11.

Ans
✗ 1. −157
✗ 2. −237
✗ 3. −107
✓ 4. −209

Q.67 What were 'privy purses'?

Ans
✗ 1. Travel allowances for royal families
✗ 2. Royal taxes
✗ 3. Loans from British government
✓ 4. Pensions paid to the princes after integration

Q.68 The value of 49 + [7 + {63 - (27 ÷ 9)} ÷ 6] is:

Ans
✗ 1. 76
✗ 2. 63
✗ 3. 74
✓ 4. 66

Q.69 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ 1. AWRP
✗ 2. RNIG
✓ 3. HDVW
✗ 4. JFAY

Q.70 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 * * € 6 % 3 2 $ # 9 9 9 2 @ # 5 3 % 9 @ 1 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
✓ 1. 3
✗ 2. 4
✗ 3. 2
✗ 4. 5

Q.71 Most of the Thar desert lies within India, spanning the states of _____.

Ans
✗ 1. Rajasthan, Gujarat, Punjab, and Himachal Pradesh
✓ 2. Rajasthan, Gujarat, Punjab, and Haryana
✗ 3. Rajasthan, Gujarat, Punjab, and Madhya Pradesh
✗ 4. Rajasthan, Gujarat, Punjab, and Uttar Pradesh

Q.72 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 129. Find the average of the remaining two numbers.

Ans

✗ 1. 187

✓ 2. 186

✗ 3. 206

✗ 4. 207

Q.73 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 € & £ @ * # 1 $ € @ © € © & 1 € 4 1 2 4 © (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans

✗ 1. 3

✗ 2. 1

✗ 3. 4

✓ 4. 2

Q.74 Which element on the Windows 11 desktop allows users to quickly access multiple open windows and virtual desktops?

Ans

✗ 1. Start Menu

✗ 2. Control Panel

✗ 3. File Explorer

✓ 4. Task View

Q.75 The mode of the observations 9, 6, 4, 2, 5, 2, 9, 2, 1, 9, 4, 5, 9, 5, 4 and 8 is:

Ans

✗ 1. 2

✗ 2. 4

✗ 3. 6

✓ 4. 9

Q.76 Simplify the following:

$$\frac{2}{8}+\frac{2}{8}+\frac{1}{16}+\frac{2}{8}-1$$

Ans

✗ 1. $\frac{1}{16}$

✗ 2. $\frac{4}{16}$

✓ 3. $-\frac{3}{16}$

✗ 4. $-\frac{8}{16}$

Q.77 Rituraj starts from Point A and drives 11 km towards South. He then takes a right turn, drives 9 km, turns right and drives 12 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)

Ans

✓ 1. 3 km to the west

✗ 2. 1 km to the west

✗ 3. 4 km to the west

✗ 4. 2 km to the west

Q.78 Which characteristic of the CPU determines how many instructions it can process per second?

Ans
- ✗ 1. Cache size
- ✗ 2. Number of registers
- ✗ 3. Power consumption
- ✓ 4. Clock speed

Q.79 In March 2025, what ranking did Deepti Sharma achieve in the ICC Women's all-rounders rankings?

Ans
- ✓ 1. 5^{th}
- ✗ 2. 3^{rd}
- ✗ 3. 4^{th}
- ✗ 4. 6^{th}

Q.80 What is the NISAR satellite, launched in February 2025 and co-developed by ISRO and NASA, designed for?

Ans
- ✗ 1. Planetary exploration
- ✗ 2. Solar flare detection
- ✓ 3. Earth observation and climate monitoring
- ✗ 4. Deep space communication

Q.81 If the mode of the following data is 165, then what is the value of x?

Class	150-155	155-160	160-165	165-170	170-175
Frequency	13	26	37	x	27

Ans
- ✗ 1. 54
- ✗ 2. 27
- ✓ 3. 37
- ✗ 4. 57

Q.82 What kind of architectural style is seen in the shikharas of the Jageshwar temple complexes in Uttarakhand, India?

Ans
- ✗ 1. Pyramidal towers
- ✗ 2. Flat brick shikharas
- ✗ 3. Buddhist stupas
- ✓ 4. Curvilinear shikharas

Q.83 In a certain code language, 'GIVE' is coded as '6482' and 'VOLT' is coded as '3671'. What is the code for 'V' in the given code language?

Ans
- ✗ 1. 3
- ✓ 2. 6
- ✗ 3. 8
- ✗ 4. 7

Q.84 What should come in place of the question mark (?) in the given series?

892 890 886 880 872 ?

Ans
- ✓ 1. 862
- ✗ 2. 863
- ✗ 3. 860
- ✗ 4. 861

Q.85 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✔ 1. JO – QM
- ✘ 2. LQ – SP
- ✘ 3. UZ – BY
- ✘ 4. EJ – LI

Q.86 Rudradaman, who ruled in the middle of second century AD territories of Mathura and Gujarat belonged to which dynasty?

Ans
- ✘ 1. Pahlavas
- ✔ 2. Shaka
- ✘ 3. Shunga
- ✘ 4. Pala

Q.87 India adopted a policy of Import Substitution Industrialisation (ISI) after independence. Which of the following was a common limitation faced by ISI-led strategy by the 1980s?

Ans
- ✘ 1. Excessive exports
- ✔ 2. Technological backwardness
- ✘ 3. Shortage of skilled labour
- ✘ 4. Lack of consumer demand

Q.88 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. A lives on an odd numbered floor but not 3. The sum of floors on which C and A live is 4. Only 3 people live between E and F. B lives immediately above D. The sum of floors on which D and E live is 10. How many people live below F?

Ans
- ✘ 1. 3
- ✔ 2. 1
- ✘ 3. 4
- ✘ 4. 2

Q.89 In a certain code language, ‘smooth long drive’ is coded as ‘zi ma tu’ and ‘challenging mountain drive’ is coded as ‘fo se zi’. How is ‘drive’ coded in the given language?

Ans
- ✘ 1. se
- ✘ 2. fo
- ✔ 3. zi
- ✘ 4. ma

Q.90 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only three people sit between I and H when counted from the left of I. Only three people sit between A and G when counted from the right of G. C sits to the immediate right of A. B is an immediate neighbour of G as well as H. Who sits to the second to the left of D?

Ans
- ✘ 1. G
- ✔ 2. B
- ✘ 3. I
- ✘ 4. A

Q.91 **In the context of managing multiple open applications within a graphical operating system, what is the typical behaviour initiated by pressing Ctrl + Tab?**

Ans

✔ 1. It cycles through the open windows or tabs of the currently active application.

✘ 2. It minimises the currently active application window to the taskbar or dock.

✘ 3. It closes the currently active application window.

✘ 4. It opens a new tab or window within the currently active application.

Q.92 **Which country ranked fourth in the Human Development Report 2025?**

Ans

✘ 1. Lebanon

✘ 2. Zimbabwe

✘ 3. Sierra Leone

✔ 4. Denmark

Q.93 **Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)**

6 - 12 - 15 - 30; 4 - 8 - 11 - 22

Ans

✘ 1. 1 - 2 - 4 - 16

✘ 2. 12 - 14 - 28 - 30

✔ 3. 11 - 22 - 25 - 50

✘ 4. 8 - 16 - 19 - 36

Q.94 **For a regular polygon, the sum of the interior angles is 100% more than the sum of its exterior angles. Each interior angle of the polygon measures x°. What is the value of x?**

Ans

✘ 1. 100

✘ 2. 125

✘ 3. 140

✔ 4. 120

Q.95 **Which of the following key centres of the 1857 Revolt was recaptured from the rebel forces in September 1857?**

Ans

✘ 1. Madras

✔ 2. Delhi

✘ 3. Surat

✘ 4. Bombay

Q.96 **Which of these agricultural regions is best known for rice-wheat cropping system?**

Ans

✘ 1. Western India

✔ 2. Indo-Gangetic Plains

✘ 3. Deccan Plateau

✘ 4. Eastern Coastal Plains

Q.97 **Find a single discount (rounded up to two decimal places) to equal three consecutive discounts of 6%, 28% and 15%.**

Ans

✘ 1. 44.65%

✘ 2. 42.63%

✘ 3. 45.25%

✔ 4. 42.47%

Q.98 **Which of the following ratios is greatest?**

Ans

✗ 1. 16 : 57

✓ 2. 24 : 54

✗ 3. 17 : 53

✗ 4. 28 : 60

Q.99 **Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only two boxes are kept below C. Only one box is kept above A. Only one box is kept between A and E. B is kept immediately above F. D is kept at some place below G. How many boxes are kept above B?**

Ans

✗ 1. 4

✓ 2. 5

✗ 3. 3

✗ 4. 2

Q.100 **In many Windows applications, pressing Alt + Spacebar typically invokes which of the following?**

Ans

✗ 1. The Task Manager

✗ 2. The application's main menu bar

✓ 3. The system menu for the current window (containing options like Move, Size, Minimize, Maximize, Close)

✗ 4. The 'Run' dialog box

Test Date	13/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(41, 34, 24)
(63, 80, 23)

Ans
✗ 1. (46, 86, 24)
✓ 2. (43, 40, 23)
✗ 3. (17, 14, 11)
✗ 4. (17, 2, 19)

Q.2 **What provision was sanctioned by the Charter Act of 1813?**

Ans
✗ 1. Ban on child labour
✗ 2. Railways in India
✓ 3. Introduction of western sciences
✗ 4. Doctrine of Lapse

Q.3 **The marked price of a wardrobe is ₹668, which is 22% above the cost price. If the profit percentage is 7%, find the discount percentage (rounded off to two decimal places).**

Ans
✗ 1. 9.52%
✓ 2. 12.30%
✗ 3. 9.87%
✗ 4. 11.79%

Q.4 **What is the primary reason that roughage is included in a balanced human diet?**

Ans
✗ 1. It builds muscles.
✓ 2. It aids digestion and prevents constipation.
✗ 3. It helps in fat storage.
✗ 4. It increases sugar absorption.

Q.5 **Which material was used to make the famous 'Dancing Girl' statue that belonged to the Indus Valley Civilization?**

Ans
✗ 1. Iron
✗ 2. Silver
✓ 3. Bronze
✗ 4. Cooper

Q.6 Which of the following urban areas is identified as **Million Plus Urban Agglomerations Cities** as per Census of India 2001?

Ans

✗ 1. Chandigarh

✗ 2. Kannauj

✓ 3. Lucknow

✗ 4. Dehradun

Q.7 IL 17 is related to LN 12 in a certain way. In the same way, MN 12 is related to PP 7. To which of the given options is VR 4 related, following the same logic?

Ans

✗ 1. VX −3

✗ 2. BX −9

✓ 3. YT −1

✗ 4. NF −7

Q.8 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. F has the exam on Thursday. C has the exam on one of the days after S and on one of the days before E. U has the exam on one of the days after T but on one of the days before D. T has the exam on one of the days after F. How many people have their exams between U and C?

Ans

✗ 1. Four

✓ 2. Three

✗ 3. One

✗ 4. Two

Q.9 If 'P' stands for '÷', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−', then the resultant of which of the following would be 50?

Ans

✗ 1. 24 S 4 Q 28 P 12 R 6

✗ 2. 24 Q 4 R 28 S 12 P 6

✓ 3. 24 P 4 S 28 R 12 Q 6

✗ 4. 24 R 4 P 28 Q 12 S 6

Q.10 Which of the following modern physicist closely examined Newtonian mechanics' foundations?

Ans

✗ 1. James Clerk Maxwell

✗ 2. Ernst Mach

✗ 3. Galileo Galilei

✓ 4. Albert Einstein

Q.11 Which of the following statements regarding the Industrial Sector in India is/are correct?

1. According to National Manufacturing Policy 2011, every job created in the manufacturing sector creates two-three additional jobs in related activities.
2. Industries add value to the existing goods and also to the skill of labour employed in it; therefore, this sector is also considered a transformational sector.
3. As industries employ a large part of the population, industrial development is one of the preconditions for the eradication of unemployment and poverty from our country.

Ans

✗ 1. Only 3

✓ 2. 1, 2 and 3

✗ 3. Only 2 and 3

✗ 4. Only 1 and 2

Q.12 In a certain code language,
'A + B' means 'A is the sister of B'
'A – B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M ÷ N + O × P – Q'?

Ans
✗ 1. Wife's Father
✗ 2. Brother's Wife's Brother
✗ 3. Wife's Brother
✓ 4. Brother's Wife's Father

Q.13 In January 2025, National Youth Day was celebrated to mark the birth anniversary of which Indian leader?

Ans
✗ 1. Subhas Chandra Bose
✗ 2. Rabindranath Tagore
✓ 3. Swami Vivekananda
✗ 4. Raja Rammohan Roy

Q.14 A tap fills a cistern in 18 hours. Another tap empties the full tank in 24 hours. How long (in hours) will it take to fill three-fourth of the tank, if the tank is empty initially and both the taps are open together?

Ans
✗ 1. 108
✗ 2. 162
✓ 3. 54
✗ 4. 216

Q.15 If the sum of three numbers a, b and c is 5, the sum of the product of two numbers at a time is -2 and the product of the numbers a, b and c is 3. Find the value of $a^3 + b^3 + c^3$.

Ans
✓ 1. 164
✗ 2. 148
✗ 3. 159
✗ 4. 126

Q.16 What should come in place of the question mark (?) in the given series?

942 940 936 930 922 ?

Ans
✗ 1. 910
✗ 2. 908
✗ 3. 906
✓ 4. 912

Q.17 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BI16, EL24, HO32, KR40, ?

Ans
✗ 1. NV48
✓ 2. NU48
✗ 3. NU47
✗ 4. NV47

Q.18 **A boat travels 14 km upstream in 14 hours and 171 km downstream in 9 hours. What is the speed of the boat in still water?**

Ans

✗ 1. 18 km/hf

✗ 2. 6 km/hr

✗ 3. 17 km/hf

✓ 4. 10 km/hr

Q.19 **Which of the following changes was introduced in 2024 under the Companies Act amendments to enhance corporate social responsibility (CSR) transparency in India?**

Ans

✓ 1. Mandatory quarterly CSR reporting accompanied by independent audits

✗ 2. Exemption of companies with a turnover below ₹500 crore from CSR obligations

✗ 3. Requirement for at least 50% of board members to be CSR specialists

✗ 4. Reduction in the minimum CSR spending threshold for all eligible companies

Q.20 **Which of the following options best describes the principle of 'collective executive responsibility' as applicable to the Council of Ministers in India?**

Ans

✗ 1. Ministers can opt out of collective responsibility if they disagree publicly.

✗ 2. Only the Prime Minister is responsible for decision-making.

✓ 3. All ministers share full responsibility for government decisions.

✗ 4. Each minister is independent and is solely accountable for his/her actions.

Q.21 **In February 2025, five cheetahs were released into which national park of India?**

Ans

✓ 1. Kuno National Park

✗ 2. Periyar Wildlife Sanctuary

✗ 3. Gir National Park

✗ 4. Kanha National Park

Q.22 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✓ 1. PI - KJ

✗ 2. KO - LP

✗ 3. QU - RV

✗ 4. NR - OS

Q.23 **The Nizam of Hyderabad tried to project his rule as:**

Ans

✗ 1. a British protectorate

✗ 2. a Hindu monarchy

✓ 3. a Muslim sovereignty in Deccan

✗ 4. a secular republic

Q.24 **In March 2025, which anniversary of National Defence Day was observed to honour the sacrifices of India's armed forces?**

Ans

✗ 1. 76^{th} Anniversary

✗ 2. 60^{th} Anniversary

✓ 3. 87^{th} Anniversary

✗ 4. 65^{th} Anniversary

Q.25 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3518642, then what will the sum of the digits that are second from the left and second from the right in the new number thus formed be?

Ans
- ✔ 1. 8
- ✘ 2. 9
- ✘ 3. 7
- ✘ 4. 6

Q.26 A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 8 hours and the hole in the bottom can empty the fully filled cistern in 10 hours. If both the tap and the hole are open, then what will be the time taken to completely fill the empty cistern?

Ans
- ✘ 1. 21.5 hours
- ✘ 2. 34 hours
- ✔ 3. 40 hours
- ✘ 4. 48.5 hours

Q.27 In a certain code language, 'OWNS' is coded as '5391' and 'SIDE' is coded as '2458'. What is the code for 'S' in the given code language?

Ans
- ✘ 1. 1
- ✔ 2. 5
- ✘ 3. 4
- ✘ 4. 2

Q.28 What is another name for the Great Himalayan range?

Ans
- ✘ 1. Shiwalik Range
- ✔ 2. Inner Himalayas
- ✘ 3. Central Axial Range
- ✘ 4. Northeastern Hills

Q.29 In a certain code language, 'friends good company' is coded as 'li ta ph' and 'friends create nostalgia' is coded as 'ta bu cy'. How is 'friends' coded in the given language?

Ans
- ✔ 1. ta
- ✘ 2. bu
- ✘ 3. li
- ✘ 4. ph

Q.30 In a certain code language, 'LIKE' is coded as '6284' and 'HAIR' is coded as '9578'.

What is the code for 'I' in the given code language?

Ans
- ✘ 1. 9
- ✘ 2. 2
- ✔ 3. 8
- ✘ 4. 7

Q.31 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

IF-KH-OQ
KH-MJ-QS

Ans
- ✘ 1. MJ-OL-SV
- ✔ 2. MJ-OL-SU
- ✘ 3. NJ-OL-SV
- ✘ 4. NJ-OK-SV

Q.32 In February 2025, the Ministry of Corporate Affairs extended the deadline for private companies to dematerialise their securities. What is the new deadline?

Ans
- ✗ 1. 31 March 2025
- ✗ 2. 30 September 2025
- ✓ 3. 30 June 2025
- ✗ 4. 31 December 2025

Q.33 During the colonial period, India's industrial development was the result of British policies. Which of the following options best describes the nature of industrial development in India at the eve of independence?

Ans
- ✓ 1. Limited industrial activity, mainly concentrated in a few cities like Calcutta and Bombay
- ✗ 2. Strong domestic capital goods industry in all provinces
- ✗ 3. Widespread industrial growth across rural and urban areas
- ✗ 4. Balanced regional distribution of heavy industries

Q.34 Three numbers are in the ratio 2 : 1 : 5, and their LCM is 5380. Their HCF is:

Ans
- ✓ 1. 538
- ✗ 2. 537
- ✗ 3. 541
- ✗ 4. 539

Q.35 Which of the following authorities was strengthened in 2024 to enforce penalties and green clearances under India's environmental regulations?

Ans
- ✗ 1. Forest Advisory Council
- ✗ 2. National Environment Management Authority
- ✗ 3. National Biodiversity Authority
- ✓ 4. Central Pollution Control Board

Q.36 2 bags and 11 pens together cost ₹505, whereas 10 bags and 10 pens together cost ₹1310. The cost of 8 bags exceeds the cost of 8 pens by:

Ans
- ✗ 1. ₹618
- ✗ 2. ₹619
- ✓ 3. ₹616
- ✗ 4. ₹617

Q.37 NW -19 is related to PZ -10 in a certain way. In the same way, RD -12 is related to TG -3. To which of the given options is WU -2 related, following the same logic?

Ans
- ✗ 1. ZA -5
- ✗ 2. ZZ -5
- ✓ 3. YX -7
- ✗ 4. XA -7

Q.38 The average of 36 numbers is 45. If two numbers 37 and 53 are discarded, find the average of the remaining numbers.

Ans
- ✓ 1. 45
- ✗ 2. 43
- ✗ 3. 42
- ✗ 4. 40

Q.39 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only two boxes are kept between G and B. Only A is kept above F. No box is kept below B. E is kept in some place below C, but in some place above D. How many boxes are kept above E?

Ans
✗ 1. 1
✗ 2. 2
✗ 3. 3
✓ 4. 4

Q.40 If the mode of a data set exceeds its mean by 37.8, then the mode exceeds the median by _____.
(Use empirical formula.)

Ans
✗ 1. 29.3
✗ 2. 31.6
✗ 3. 24.8
✓ 4. 25.2

Q.41 The mean proportional between $(13+8\sqrt{5})$ and $(10-2\sqrt{5})$ is:

Ans
✗ 1. $10\sqrt{2}$
✗ 2. $5\sqrt{2}$
✗ 3. $\sqrt{54+50\sqrt{5}}$
✓ 4. $\sqrt{50+54\sqrt{5}}$

Q.42 If both roots of the quadratic equation, $x^2 + 3x + 2 = 0$, are also roots of another quadratic equation, $ax^2 + bx + c = 0$, then which of the following must be true?

Ans
✗ 1. $a+3b+2c=0$
✗ 2. $a=b=c$
✗ 3. $\frac{a}{1}=\frac{b}{2}=\frac{c}{3}$
✓ 4. ax^2+bx+c must be a multiple of x^2+3x+2

Q.43 Raghav starts from Point A and drives 8 km towards South. He then takes a left turn, drives 6 km, turns left and drives 11 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)

Ans
✗ 1. 4 km to the east
✗ 2. 5 km to the east
✓ 3. 6 km to the east
✗ 4. 3 km to the east

Q.44 How many launches of the LVM-3 rocket are planned for the Chandrayaan-4 mission?

Ans
✓ 1. Two
✗ 2. Three
✗ 3. One
✗ 4. Four

Q.45 If the eight-digit number 31425p99 is divisible by 9, then the maximum value of p is:

Ans
✓ 1. 3
✗ 2. 4
✗ 3. 5
✗ 4. 8

Q.46 Where was the 2024 International Conference of NGOs organised by UNESCO held?

Ans
- ✔ 1. Paris, France
- ✘ 2. Vienna, Austria
- ✘ 3. Geneva, Switzerland
- ✘ 4. New York City, USA

Q.47 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) * 1 * $ 2 3 7 £ 1 7 @ 4 9 9 * 6 * 3 $ 1 $ @ (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✘ 1. 5
- ✔ 2. 4
- ✘ 3. 6
- ✘ 4. 3

Q.48 Which Hindustani music style has originated from the folk songs of the camel-riders of North-West India?

Ans
- ✘ 1. Khayal
- ✔ 2. Tappa
- ✘ 3. Dhrupad
- ✘ 4. Thumri

Q.49 The volume (in m^3) of a cube, each of whose edges is 42 m, is:

Ans
- ✘ 1. 74,236
- ✘ 2. 74,009
- ✘ 3. 74,283
- ✔ 4. 74,088

Q.50 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All boys are handsome.
Some handsome are cars.
Some cars are grey.

Conclusions:
(I) All handsome are boys.
(II) All cars are handsome.

Ans
- ✘ 1. Only conclusion (I) follows.
- ✘ 2. Both conclusions (I) and (II) follow.
- ✔ 3. Neither conclusion (I) nor (II) follows.
- ✘ 4. Only conclusion (II) follows.

Q.51 On 24 January 2025, which day was celebrated to promote girls' rights and welfare in India?

Ans
- ✘ 1. National Girl Equality Day
- ✘ 2. National Girl Safety Day
- ✘ 3. National Girl Empowerment Day
- ✔ 4. National Girl Child Day

Q.52 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only one person sits between D and G when counted from the left of G. H sits third to the right of I. C sits third to the left of A. H sits to the immediate right of C. B is not an immediate neighbour of C. How many people sit between B and G when counted from the right of B?

Ans
- ✗ 1. Four
- ✗ 2. Two
- ✓ 3. Three
- ✗ 4. One

Q.53 What significant financial commitment was agreed upon during the extended session of COP16 in Rome?

Ans
- ✗ 1. $150 billion annually for renewable energy
- ✗ 2. $250 billion annually for sustainable agriculture
- ✗ 3. $100 billion annually for climate adaptation
- ✓ 4. $200 billion annually for biodiversity conservation

Q.54 A shopkeeper expects a gain of 34% on his cost price. If, in a week, his sales proceeds were ₹3,417, what was his profit (in ₹)?

Ans
- ✗ 1. 865
- ✓ 2. 867
- ✗ 3. 870
- ✗ 4. 864

Q.55 When the difference between compound interest, compounded annually, and simple interest for three years is ₹186 at 10% interest per annum, the principal is ₹_____.

Ans
- ✗ 1. 5,425
- ✓ 2. 6,000
- ✗ 3. 6,420
- ✗ 4. 7,200

Q.56 In applications with multiple tabs (like browsers or MS Word), what does Ctrl + Tab do?

Ans
- ✗ 1. Opens a new tab
- ✗ 2. Closes the current tab
- ✓ 3. Switches to the next tab
- ✗ 4. Refreshes the tab

Q.57 According to the 2011 Census, which island in Lakshadweep has the smallest population?

Ans
- ✗ 1. Agatti
- ✓ 2. Bitra
- ✗ 3. Kavaratti
- ✗ 4. Kalpeni

Q.58 Under which List of the Indian Constitution are co-operative societies classified?

Ans
- ✗ 1. Concurrent List
- ✓ 2. State List
- ✗ 3. Residuary Powers
- ✗ 4. Union List

Q.59 Agro-forestry was conceived on the recommendation of which policy to promote plantation on farmlands?

Ans
- ✗ 1. Protection of Plant Varieties & Farmers' Rights Act, 2001
- ✗ 2. National Agro-forestry Policy, 2019
- ✗ 3. National Forest Policy of 2018
- ✓ 4. National Agro-forestry Policy, 2014

Q.60 In which state is the shifting agriculture known as 'Jhum'?

Ans
- ✗ 1. Odisha
- ✗ 2. Kerala
- ✗ 3. Madhya Pradesh
- ✓ 4. Assam

Q.61 A, B, C, D, E and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. No one lives below D. Only two people live between E and W. Only two people live between C and A. Only one person lives between D and A. E lives on some floor above A. How many people live below B?

Ans
- ✗ 1. Four
- ✗ 2. Two
- ✗ 3. One
- ✓ 4. Three

Q.62 Evaluate: 30 - [30 - {30 - (30 - 30 × 3)}]

Ans
- ✓ 1. 90
- ✗ 2. 109
- ✗ 3. 107
- ✗ 4. 105

Q.63 Mr. K starts from Point Z and drives 6 km towards the north. He then takes a right turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 10 km. He then takes a final right turn, drives 5 km and stops at Point B. How far (shortest distance) and towards which direction should he drive in order to reach Point Z again? (All turns are 90 degree turns only unless specified.)

Ans
- ✗ 1. 4 km towards the south
- ✗ 2. 4 km towards the west
- ✗ 3. 11 km towards the north
- ✓ 4. 7 km towards the east

Q.64 Mohan bought 51 books at ₹1,120 per book from one shop and 48 books at ₹900 per book from another. What is the average price (rounded off to two decimal places, in ₹) he paid per book?

Ans
- ✗ 1. 1,028.33
- ✗ 2. 1,003.33
- ✓ 3. 1,013.33
- ✗ 4. 1,023.33

Q.65 According to the NITI Aayog's policy brief 'India's Booming Gig and Platform Economy' (2022), what is the projected size of the gig workforce in India by 2029-30?

Ans
- ✗ 1. 45 million
- ✗ 2. 50 million
- ✓ 3. 23.5 million
- ✗ 4. 35 million

Q.66 What should come in place of the question mark (?) in the given series?

189 166 155 132 121 98 ?

Ans
- ✗ 1. 92
- ✓ 2. 87
- ✗ 3. 66
- ✗ 4. 75

Q.67 What is India's Human Development Index (HDI) value in the 2025 Human Development Index Report?

Ans
- ✓ 1. 0.685
- ✗ 2. 0.575
- ✗ 3. 0.690
- ✗ 4. 0.675

Q.68 Which of the following is an example of an input device that allows users to interact with a computer by typing text?

Ans
- ✗ 1. Printer
- ✓ 2. Keyboard
- ✗ 3. Speaker
- ✗ 4. Monitor

Q.69 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only three people sit between I and J. L sits to the immediate left of J. No one sits to the right of Q. Only two people sit between Q and L. K sits to the immediate right of P. How many people sit between O and K?

Ans
- ✗ 1. One
- ✗ 2. Four
- ✗ 3. Three
- ✓ 4. Two

Q.70 What is the third proportional of $6x^2$ and 18xy?

Ans
- ✗ 1. $52y^2$
- ✗ 2. $53y^2$
- ✓ 3. $54y^2$
- ✗ 4. $51y^2$

Q.71 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

186 ÷ 5 + 189 × 3 − 2 = ?

Ans
- ✓ 1. 869
- ✗ 2. 887
- ✗ 3. 884
- ✗ 4. 881

Q.72 Each of the digits in the number 8514932 is arranged in the descending order from left to right. The position(s) of how many digits will remain unchanged in the new number thus formed as compared to that in the original number?

Ans
- ✓ 1. 1
- ✗ 2. 3
- ✗ 3. 4
- ✗ 4. 2

Q.73 In the balanced reaction $2Al + 3Cl_2 \rightarrow 2AlCl_3$, what is the mole ratio of aluminium to aluminium chloride?

Ans
- ✗ 1. 2 : 3
- ✓ 2. 2 : 2
- ✗ 3. 3 : 2
- ✗ 4. 1 : 2

Q.74 ABC and XYZ are two congruent triangles with ∠A : ∠B : ∠C = 2 : 4 : 4. Find ∠X + ∠Z.

Ans
- ✗ 1. 72°
- ✗ 2. 90°
- ✓ 3. 108°
- ✗ 4. 144°

Q.75 Simplify:

$$\frac{7^2 \times 7^3}{\sqrt{49} \times \sqrt{2401}}$$

Ans
- ✗ 1. 58
- ✓ 2. 49
- ✗ 3. 46
- ✗ 4. 59

Q.76 A man spends 30% of his monthly salary on house rent. If every month, he also spends ₹751 on conveyance and ₹8,481 on grocery and saves the remaining ₹715, his monthly salary is:

Ans
- ✗ 1. ₹14,261
- ✓ 2. ₹14,210
- ✗ 3. ₹14,301
- ✗ 4. ₹14,206

Q.77 Which of the following ratios is greatest?

Ans
- ✗ 1. 18 : 57
- ✗ 2. 27 : 57
- ✗ 3. 27 : 54
- ✓ 4. 30 : 49

Q.78 The mode of the observations 4, 1, 5, 2, 8, 6, 7, 4, 3, 5, 1, 6, 4, 9 and 4 is:

Ans
- ✓ 1. 4
- ✗ 2. 5
- ✗ 3. 2
- ✗ 4. 1

Q.79 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: OLM :: HEF : %

Ans
- ✗ 1. # = RUI, % = ESA
- ✗ 2. # = POP, % = EUC
- ✓ 3. # = ROP, % = EBC
- ✗ 4. # = RVP, % = EQZ

Q.80 **Consider a computer system with a multi-core processor. What is the primary advantage of having multiple cores compared to a single-core processor with the same clock speed when executing multiple independent tasks simultaneously?**

Ans

✗ 1. Reduced power consumption for the overall system

✗ 2. Increased capacity for the system's main memory (RAM)

✓ 3. Improved ability to handle and execute multiple separate processes concurrently

✗ 4. Enhanced speed for executing a single, heavily threaded application

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Q.81 **In the context of computer memory hierarchy, which of the following statements regarding access speed and cost per bit is generally true as you move from registers towards secondary storage?**

Ans

✓ 1. Access speed decreases and cost per bit decreases

✗ 2. Access speed increases and cost per bit decreases

✗ 3. Access speed increases and cost per bit increases

✗ 4. Access speed decreases and cost per bit increases.

Q.82 **Which of the following is NOT correctly matched?**

Ans

✗ 1. Lushai Revolt - Assam

✓ 2. Heraka Movement - West Bengal

✗ 3. Kol Rebellion - Jharkhand

✗ 4. Ramosi Rebellion - Maharashtra

Q.83 **A man receives ₹5,140 per month as salary. He saves 35% of his salary every month. His expenditure per month is:**

Ans

✗ 1. ₹3,251

✗ 2. ₹3,361

✗ 3. ₹3,380

✓ 4. ₹3,341

Q.84 **A rectangular tin sheet is 17 cm long and 22 cm wide. It is rolled along its width to form a cylinder, with opposite edges just touching each other. Find the volume (in cm^3) of the cylinder.**

Ans

✗ 1. $\frac{2050}{\pi}$

✗ 2. $\frac{2054}{\pi}$

✓ 3. $\frac{2057}{\pi}$

✗ 4. $\frac{2053}{\pi}$

Q.85 **Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.**

(Left) * 4 * 2 9 @ @ 8 3 £ $ 6 4 £ * 4 8 £ % 9 8 8 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans

✗ 1. 5

✗ 2. 3

✗ 3. 6

✓ 4. 4

Q.86 Who has the authority to make laws for multi-state co-operative societies?

Ans
- ✗ 1. State Legislature
- ✗ 2. District Collector
- ✗ 3. High Court
- ✓ 4. Parliament

Q.87 The base and the corresponding height of a parallelogram are 97 cm and 43 cm, respectively. The area of the parallelogram (in cm^2) will be:

Ans
- ✗ 1. 4184
- ✗ 2. 4191
- ✓ 3. 4171
- ✗ 4. 4165

Q.88 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

URM 14, TQL 18, SPK 22, ROJ 26, ?

Ans
- ✗ 1. PQM 28
- ✗ 2. PLI 28
- ✗ 3. PRN 30
- ✓ 4. QNI 30

Q.89 Under the reign of Islamic rulers, which among the following used to be a private building?

Ans
- ✗ 1. Katra
- ✗ 2. Bridges
- ✗ 3. Sarai
- ✓ 4. Diwan-i-khas

Q.90 Kiran borrowed a sum of ₹16,000 at a certain rate of simple interest for 2 years. If he paid an interest of ₹4,000 at the end of the period at x% per annum rate of interest, the value of x is:

Ans
- ✗ 1. 11.5
- ✗ 2. 13.5
- ✓ 3. 12.5
- ✗ 4. 14.5

Q.91 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✓ 1. RX – VP
- ✗ 2. GM – JE
- ✗ 3. AG – DY
- ✗ 4. NT – QL

Q.92 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) * 6 8 @ 1 £ 9 5 3 @ $ 9 © @ 7 9 £ @ 9 1 £ 6 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans

✗ 1. 4

✗ 2. 2

✓ 3. 3

✗ 4. 5

Q.93 The Rashtrakutas dominated which part of India after the Guptas?

Ans

✓ 1. Deccan

✗ 2. Central India

✗ 3. Odisha

✗ 4. Bengal

Q.94 In its advisory capacity, the Union Cabinet's advice to the President of India is considered:

Ans

✗ 1. overruled by the Speaker of the Lower House

✓ 2. binding to the President

✗ 3. limited only to economic matters

✗ 4. merely suggestive and non-binding

Q.95 If $\sin 5A = \cos(A - 42°)$, where 5A is an acute angle, find the value of A.

Ans

✗ 1. 21°

✓ 2. 22°

✗ 3. 20°

✗ 4. 23°

Q.96 Which plateau lies between the Aravali and the Vindhya Range?

Ans

✗ 1. Deccan

✓ 2. Malwa

✗ 3. Chota Nagpur

✗ 4. Meghalaya

Q.97 A man covers distances of 819 km, 1476 km, and 1053 km at the speeds of 63 km/hr, x km/hr, and 81 km/hr, respectively. If his average speed for the whole journey is 54 km/hr, then what is the value of x?

Ans

✗ 1. 43

✓ 2. 41

✗ 3. 46

✗ 4. 38

Q.98 The selling price of 10 books is equal to the cost price of 16 books. Find the loss or gain percentage.

Ans

✓ 1. 60% gain

✗ 2. 60% loss

✗ 3. $\frac{50}{3}\%$ gain

✗ 4. $\frac{50}{3}\%$ loss

Q.99 **Which of the following is NOT mentioned in Part IV of the Indian Constitution?**

Ans

✗ 1. Promotion of international peace and security

✗ 2. Provision for free and compulsory education for children

✗ 3. Organisation of agricultural and animal husbandry

✓ 4. Promotion of Hindi language as a medium of expression

Q.100 **Which of the following devices can function as both input and output devices?**

Ans

✓ 1. Touch Screen

✗ 2. Microphone

✗ 3. Projector

✗ 4. Scanner

Test Date	13/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **In December 2024, Pooja Sharma was named among BBC's 100 Most Inspiring Women. What remarkable social service is she known for?**

Ans
✗ 1. Running a free kitchen
✓ 2. Performing last rites for unclaimed bodies
✗ 3. Educating tribal girls
✗ 4. Rescuing abandoned animals

Q.2 **Simplify the following:**

$$\frac{96}{39}(91+26)-103$$

Ans
✗ 1. 10
✗ 2. 88
✗ 3. 9
✓ 4. 185

Q.3 **In a certain code language, 'RIPE' is coded as '5987' and 'FIRE' is coded as '8751'. What is the code for 'F' in the given code language?**

Ans
✗ 1. 8
✗ 2. 5
✗ 3. 7
✓ 4. 1

Q.4 **Simplify :**

$$\frac{\sqrt{0.028224}}{\sqrt{0.000784}}$$

Ans
✗ 1. 22
✗ 2. 24
✓ 3. 6
✗ 4. 19

Q.5 What should come in place of the question mark (?) in the given series?

23 29 35 41 47 ?

Ans
- ✔ 1. 53
- ✘ 2. 62
- ✘ 3. 59
- ✘ 4. 65

Q.6 Four numbers are in the ratio of 16 : 10 : 9 : 17 respectively. If the sum of these four numbers is 6292, then what is the sum of the first and the third number?

Ans
- ✔ 1. 3025
- ✘ 2. 3070
- ✘ 3. 3031
- ✘ 4. 3074

Q.7 What is the median of the following data?

13, 43, 81, 27, 25, 28, 87, 57, 77, 89, 73

Ans
- ✔ 1. 57
- ✘ 2. 57.5
- ✘ 3. 58
- ✘ 4. 56.5

Q.8 What is India's rank in Transparency International's 2024 Corruption Perceptions Index?

Ans
- ✔ 1. 96^{th}
- ✘ 2. 93^{rd}
- ✘ 3. 98^{th}
- ✘ 4. 95^{th}

Q.9 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 128. Find the average of the remaining two numbers.

Ans
- ✘ 1. 187.5
- ✔ 2. 186.5
- ✘ 3. 206
- ✘ 4. 205

Q.10 In India, judicial review is considered as:

Ans
- ✔ 1. the power of the judiciary to pronounce upon the constitutionality of laws and executive orders
- ✘ 2. the power of the judiciary to question the wisdom of the executive orders after they are passed by the Union cabinet
- ✘ 3. the power of the judiciary to review all the legislative enactments before they are assented to by the President
- ✘ 4. the power of the judiciary to question the wisdom of the laws enacted by the legislatures

Q.11 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3154872, what will be the difference between the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✘ 1. 5
- ✘ 2. 7
- ✘ 3. 4
- ✔ 4. 6

Q.12 Who among the following was awarded the Ramsar Award for 'Wetland Wise Use' in March 2025?

Ans
- ✗ 1. Medha Patkar
- ✗ 2. Sunita Narain
- ✓ 3. Jayashree Vencatesan
- ✗ 4. Vandana Shiva

Q.13 A man receives ₹4,900 per month as salary. He saves 17% of his salary every month. His expenditure per month is:

Ans
- ✗ 1. ₹4,132
- ✗ 2. ₹4,112
- ✗ 3. ₹3,972
- ✓ 4. ₹4,067

Q.14 The compound interest earned in 1 year on ₹4,80,000 at the rate of 20% per annum, compounded quarterly, is:

Ans
- ✓ 1. ₹1,03,443
- ✗ 2. ₹1,04,227
- ✗ 3. ₹1,04,435
- ✗ 4. ₹1,04,200

Q.15 P, Q, R, S, T, U and V have an exam on different days of the week, starting on Monday and ending on Sunday. S has an exam on Tuesday. Exactly 3 people have an exam between S and V. T has an exam immediately before P and U has an exam immediately after P. Only 1 person has an exam between T and R. Who has an exam on Monday?

Ans
- ✗ 1. T
- ✓ 2. R
- ✗ 3. Q
- ✗ 4. P

Q.16 Which of the following scheduling algorithms is most prone to convoy effect, where a long-running process blocks shorter processes behind it?

Ans
- ✗ 1. Shortest Job First (SJF)
- ✓ 2. First-Come, First-Served (FCFS)
- ✗ 3. Priority Scheduling (non-preemptive)
- ✗ 4. Round Robin

Q.17 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

 # : MLI :: LKH : %

Ans
- ✗ 1. # = FRL, % = QHE
- ✗ 2. # = UIL, % = IXC
- ✓ 3. # = POL, % = IHE
- ✗ 4. # = FRL, % = QHE

Q.18 A tap fills a cistern in 18 hours. Another tap empties the full tank in 24 hours. How long (in hours) will it take to fill one-fourth of the tank, if the tank is empty initially and both the taps are open together?

Ans
- ✗ 1. 36
- ✗ 2. 72
- ✗ 3. 54
- ✓ 4. 18

Q.19 A, B, C, D, E, F and G are sitting around a circular table facing the centre. A sits third to the right of G. C sits second to the right of D. G is not an immediate neighbour of C. E sits to the immediate left of B. How many people sit between D and B when counted from the left of D?

Ans
- ✗ 1. Three
- ✓ 2. Two
- ✗ 3. None
- ✗ 4. Four

Q.20 Which of the following is NOT allowed under the Citizenship Act, 1955?

Ans
- ✗ 1. Registration
- ✓ 2. Dual citizenship
- ✗ 3. Descent-based citizenship
- ✗ 4. Naturalisation

Q.21 Why did Mahatma Gandhi travel to Noakhali in 1946?

Ans
- ✗ 1. To lead a protest against British rule
- ✗ 2. To organise the Quit India Movement
- ✓ 3. To promote communal harmony after religious violence
- ✗ 4. To support the Bengal famine victims

Q.22 Which darts tournament was held at the SACHSENarena in Riesa, Germany, from 4 to 6 April 2025?

Ans
- ✗ 1. European Darts Open
- ✗ 2. German Darts Grand Prix
- ✓ 3. International Darts Open
- ✗ 4. German Darts Championship

Q.23 This question is based on the five, three-digit numbers given below.
(Left) 194 932 446 225 493 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

Ans
- ✗ 1. 15
- ✗ 2. 17
- ✓ 3. 18
- ✗ 4. 16

Q.24 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✓ 1. LK - KJ
- ✗ 2. HI - CD
- ✗ 3. QR - LM
- ✗ 4. PQ - KL

Q.25 Mukesh starts from point A and drives 9 km towards the north. He then takes a right turn, drives 7 km, turns right and drives 10 km. He then takes a right turn and drives 8 km. He takes a final right turn, drives 1 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

Ans

✗ 1. 2 km to the east

✓ 2. 1 km to the east

✗ 3. 2 km to the west

✗ 4. 1 km to the west

Q.26 Radhe starts from Point A and drives 8 km towards North. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified)

Ans

✗ 1. 3 km to the west

✓ 2. 2 km to the west

✗ 3. 4 km to the west

✗ 4. 1 km to the west

Q.27 A train overtakes two persons walking along a railway track. The first one walks at 12.6 km/hr. The other one walks at 27 km/hr. The train takes 12.5 and 14 seconds, respectively, to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?

Ans

✗ 1. 142 km/hr

✓ 2. 147 km/hr

✗ 3. 154 km/hr

✗ 4. 143 km/hr

Q.28 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

KG-NJ-PR
MI-PL-RT

Ans

✗ 1. PK-RN-TU

✗ 2. OK-RN-TU

✗ 3. PK-RM-TU

✓ 4. OK-RN-TV

Q.29 Which Act transferred the power of governance from the East India Company to the British Crown?

Ans

✗ 1. Regulating Act, 1773

✗ 2. Pitt's India Act, 1784

✗ 3. Charter Act, 1833

✓ 4. Government of India Act, 1858

Q.30 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All keys are doors.
Some doors are cupboards.
All cupboards are big.

Conclusions:
(I) Some keys are doors.
(II) All doors are cupboards.

Ans
✗ 1. Neither conclusion (I) nor (II) follows.
✗ 2. Only conclusion (II) follows.
✗ 3. Both conclusions (I) and (II) follow.
✓ 4. Only conclusion (I) follows.

Q.31 Chandragupta was succeeded by which of the following rulers, who ruled between 297 and 273 BCE?

Ans
✓ 1. Bindusara
✗ 2. Samprati
✗ 3. Devavarman
✗ 4. Ashoka

Q.32 Two positive numbers differ by 2880. When the greater number is divided by the smaller number, the quotient is 6 and the remainder is 120. What is the HCF of the greater of the two given numbers and 3916?

Ans
✗ 1. 45
✓ 2. 44
✗ 3. 42
✗ 4. 48

Q.33 What is the IMF's revised global growth forecast for 2025 as per IMF's April 2025 Global Financial Stability Report?

Ans
✗ 1. 1.7%
✓ 2. 2.8%
✗ 3. 3.5%
✗ 4. 2.9%

Q.34 Bal Gangadhar Tilak, a prominent extremist leader, wrote the newspaper 'Mahratta' in which language?

Ans
✓ 1. English
✗ 2. Bengali
✗ 3. Marathi
✗ 4. Hindi

Q.35 The lines L_1 and L_2 are parallel lines cut by a transversal. If the measure of one of the corresponding angles is 75°, then what is the measure of the other corresponding angle?

Ans
✗ 1. 45°
✗ 2. 85°
✗ 3. 65°
✓ 4. 75°

Q.36 A local train without stoppages runs at an average speed of 88 km/hr, and with stoppages, at an average speed of 24 km/hr. What is the total time (in hours) taken by the local train for stoppages on a route of length 528 km?

Ans

✗ 1. 7

✗ 2. 10

✓ 3. 16

✗ 4. 25

Q.37 Which of the following statements regarding the Industrial Sector in India post the launch of the New Economic Policy in 1991 is/are NOT correct?

1. Compulsory licensing on several industries was abolished.
2. Many industries that were only reserved for the government were dereserved.
3. There was quota and price control for all the goods produced in the industrial sector.

Ans

✓ 1. Only 3

✗ 2. Only 2 and 3

✗ 3. Only 2

✗ 4. Only 1 and 2

Q.38 The selling price of 24 books is equal to the cost price of 30 books. Find the loss or gain percentage.

Ans

✓ 1. 25% gain

✗ 2. $\frac{50}{3}\%$ loss

✗ 3. 25% loss

✗ 4. $\frac{50}{3}\%$ gain

Q.39 In April 2025, India launched a strategic initiative to boost its defence exports by offering low-cost loans to countries traditionally reliant on Russian arms. Which Indian institution is primarily responsible for facilitating these loans?

Ans

✗ 1. State Bank of India (SBI)

✗ 2. Reserve Bank of India (RBI)

✗ 3. National Bank for Agriculture and Rural Development (NABARD)

✓ 4. Export-Import Bank of India (EXIM Bank)

Q.40 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 8 6 $ 4 * € 1 9 5 # 2 % 4 % © # 5 * 7 % * (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans

✗ 1. 1

✓ 2. 2

✗ 3. 3

✗ 4. 4

Q.41 The value of 43 + [2 + { 55 - (28 ÷ 7)} ÷ 3] is:

Ans

✗ 1. 55

✗ 2. 68

✓ 3. 62

✗ 4. 65

Q.42 What is the primary industrial process of producing phenol worldwide, and what is the intermediate used in this process?

Ans

✗ 1. Dow process, toluene

✗ 2. Raschig process, chlorobenzene

✓ 3. Cumene process, cumene hydroperoxide

✗ 4. Hock process, benzene

Q.43 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only three boxes are kept below D. Only two boxes are kept between D and U. Only G is kept above T. E is kept at some place below F and at some place above S. Which box is kept at second position from the bottom?

Ans

✓ 1. S

✗ 2. U

✗ 3. D

✗ 4. F

Q.44 Which Gumpha at Khandagiri in Odisha, India is known for carvings of twenty-four Jain Teerthankars?

Ans

✓ 1. Trushula Gumpha

✗ 2. Hathi Gumpha

✗ 3. Ambika Gumpha

✗ 4. Barabhuji Gumpha

Q.45 If 'P' stands for '÷', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−', then the resultant of which of the following would be 38?

Ans

✗ 1. 32 Q 8 R 30 S 16 P 4

✗ 2. 32 S 8 R 30 Q 16 P 4

✓ 3. 32 P 8 S 30 R 16 Q 4

✗ 4. 32 R 8 S 30 Q 16 P 4

Q.46 A quadratic equation is given by $x^2 - 6x + k = 0$. Find the value of k for which the equation has equal real roots.

Ans

✗ 1. 5

✗ 2. 11

✓ 3. 9

✗ 4. 7

Q.47 Each of the digits in the number 4917523 is arranged in the ascending order from left to right. Which of the following digits will be third from the left?

Ans

✗ 1. 4

✗ 2. 2

✗ 3. 5

✓ 4. 3

Q.48 Which feature in MS-PowerPoint 2019 allows you to reuse slides from another presentation without copying content manually?

Ans

✗ 1. Animation Painter

✗ 2. Slide Master

✓ 3. Reuse Slides (under the Home tab)

✗ 4. Format Painter

Q.49 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XCH RWB LQV FKP ?

Ans
- ✗ 1. JZE
- ✓ 2. ZEJ
- ✗ 3. ZJE
- ✗ 4. JEZ

Q.50 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

127 ÷ 7 + 324 × 4 − 47 =?

Ans
- ✓ 1. 855
- ✗ 2. 755
- ✗ 3. 795
- ✗ 4. 885

Q.51 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only A is kept above C. Only F is kept between C and E. Only B is kept below G. How many boxes are kept above E?

Ans
- ✗ 1. 4
- ✓ 2. 3
- ✗ 3. 1
- ✗ 4. 2

Q.52 A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 8 hours and the hole in the bottom can empty the fully filled cistern in 12 hours. If both the tap and the hole are open, then what will be the time taken to completely fill the empty cistern?

Ans
- ✗ 1. 44.7 hours
- ✗ 2. 36 hours
- ✗ 3. 30.9 hours
- ✓ 4. 24 hours

Q.53 What is the average of the following numbers: 14, 16, 27, 31, 39, 44, 51 and 58.

Ans
- ✗ 1. 37
- ✓ 2. 35
- ✗ 3. 39
- ✗ 4. 33

Q.54 The Tapti River originates from which mountain range?

Ans
- ✗ 1. Western Ghats
- ✗ 2. Vindhya Range
- ✗ 3. Aravalli Range
- ✓ 4. Satpura Range

Q.55 What is the primary focus of the S. Ramakrishnan Centre of Excellence in Fluid and Thermal Science Research 2025?

Ans
- ✗ 1. Artificial intelligence and machine learning
- ✗ 2. Robotics and automation
- ✗ 3. Renewable energy and sustainability
- ✓ 4. Critical advancements in spacecraft and launch vehicle thermal management

Q.56 This question is based on the five, three-digit numbers given below.
(Left) 236 758 230 563 263 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

Ans
✔ 1. 5
✘ 2. 7
✘ 3. 6
✘ 4. 4

Q.57 How many major ragas are there in Carnatic music?

Ans
✘ 1. 62
✘ 2. 75
✘ 3. 70
✔ 4. 72

Q.58 The curved surface area of a right circular cone is 5904π cm^2, and the diameter of its base is 72 cm. Find the height (in cm) of the cone.

Ans
✘ 1. 158
✔ 2. 160
✘ 3. 162
✘ 4. 159

Q.59 What is the mean of the following distribution?

Marks	12	22	58	79	89
No. of Students	98	74	17	28	44

Ans
✘ 1. 53
✘ 2. 60
✘ 3. 22
✔ 4. 38

Q.60 If the ratio of two numbers a and b is 5 : 3, then find the value of (3a − 2b) : (6a + 2b).

Ans
✘ 1. 4 : 5
✘ 2. 2 : 3
✘ 3. 1 : 3
✔ 4. 1 : 4

Q.61 What is the focus of the National Technical Textiles Mission?

Ans
✔ 1. Growth of technical textiles
✘ 2. Import substitution of technical textiles
✘ 3. Promoting traditional handloom textiles
✘ 4. Providing subsidies for fashion apparel industry

Q.62 What major power did the 74th Amendment Act, 1992, provide to Urban Local Bodies?

Ans
✔ 1. Constitutional outline for governance
✘ 2. Complete independence from State control
✘ 3. Right to enact national laws
✘ 4. Authority to control State Legislatures

Q.63 When appointing judges to the High Courts, the President of India is required to consult which officials apart from the Chief Justice of India and the Chief Justice of the respective State?

Ans
- ✗ 1. The members of the State Legislature
- ✗ 2. Only the Union Cabinet
- ✗ 3. The local district magistrates
- ✓ 4. The State Governor

Q.64 Which of the following scenarios would most likely result in a '#REF!' error in an MS Excel formula?

Ans
- ✗ 1. Attempting to divide a number by zero within a cell
- ✗ 2. Entering a formula that exceeds the maximum allowed length in Excel
- ✓ 3. Deleting a row or column that contains cells referenced by a formula in another worksheet
- ✗ 4. Referring to a cell that contains a text value in a mathematical operation

Q.65 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

MPI KNG ILE GJC ?

Ans
- ✓ 1. EHA
- ✗ 2. EGA
- ✗ 3. EGB
- ✗ 4. EHB

Q.66 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NJ-QM-TV
JF-MI-PR

Ans
- ✗ 1. GB-ID-LM
- ✗ 2. FB-IE-LM
- ✗ 3. GB-IE-LM
- ✓ 4. FB-IE-LN

Q.67 A man spends 75% of his monthly salary on house rent. If every month, he also spends ₹653 on conveyance and ₹6,229 on grocery and saves the remaining ₹446, his monthly salary is:

Ans
- ✓ 1. ₹29,312
- ✗ 2. ₹29,308
- ✗ 3. ₹29,251
- ✗ 4. ₹29,230

Q.68 In March 2025, which Indian state experienced violent clashes resulting in multiple injuries over demands to remove the tomb of Mughal emperor Aurangzeb?

Ans
- ✓ 1. Maharashtra
- ✗ 2. Karnataka
- ✗ 3. Rajasthan
- ✗ 4. Uttar Pradesh

Q.69 Which of the following organisms exhibits both autotrophic and heterotrophic modes of nutrition?

Ans
- ✓ 1. Euglena
- ✗ 2. Paramecium
- ✗ 3. Amoeba
- ✗ 4. Plasmodium

Q.70 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✔ 1. TX – ZV
- ✘ 2. HL – NI
- ✘ 3. CG – ID
- ✘ 4. MQ – SN

Q.71 731 metallic cubes with a side length of 3.6 cm are available to be melted and formed into a machine part consisting of two solid cones with a base radius of 5.4 cm, joined at their bases. The heights of the cones are 49 cm and 35 cm, respectively. How many cubes will be surplus after the formation of the two cones? (Take $\pi = 3.14$)

Ans
- ✘ 1. 666
- ✘ 2. 680
- ✔ 3. 676
- ✘ 4. 668

Q.72 6 is related to 42 following a certain logic. Following the same logic, 4 is related to 28. To which of the following is 7 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✘ 1. 45
- ✘ 2. 38
- ✔ 3. 49
- ✘ 4. 42

Q.73 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only two people sit between H and B when counted from the right of H. Only three people sit between A and C when counted from the right of C. B sits to the immediate right of C. G sits to the immediate right of I. Who sits fourth to the right of D?

Ans
- ✔ 1. G
- ✘ 2. I
- ✘ 3. C
- ✘ 4. A

Q.74 According to the Economic Survey 2023-24, what percentage of India's population is expected to reside in urban areas by 2030?

Ans
- ✘ 1. 45%
- ✔ 2. 40%
- ✘ 3. 50%
- ✘ 4. 35%

Q.75 Where is the Indian naval air station INS Baaz located?

Ans
- ✘ 1. Little Andaman Island
- ✘ 2. Minicoy Island
- ✔ 3. Great Nicobar Island
- ✘ 4. Car Nicobar Island

Q.76 IJF is related to PQM in a certain way based on the English alphabetical order. In the same way, RSO is related to YZV. To which of the following is EFB related, following the same logic?

Ans
- ✗ 1. MNJ
- ✗ 2. MNK
- ✓ 3. LMI
- ✗ 4. LMJ

Q.77 From the top of a 60 m high building, the angles of depression of the top and bottom of a lamp post are 30° and 60°, respectively. Find the height of the lamp post.

Ans
- ✓ 1. $40\ \text{m}$
- ✗ 2. $60\ \text{m}$
- ✗ 3. $40\sqrt{2}\ \text{m}$
- ✗ 4. $60\sqrt{3}\ \text{m}$

Q.78 Which Russian city hosted the 2024 BRICS Summit in October 2024?

Ans
- ✗ 1. Sochi
- ✓ 2. Kazan
- ✗ 3. Moscow
- ✗ 4. St. Petersburg

Q.79 To promote agricultural exports and global competitiveness, reforms were extended to the agricultural sector as well. Which of the following initiatives aims to create a seamless national market for agricultural commodities?

Ans
- ✗ 1. PM-KISAN
- ✗ 2. Kisan Credit Card
- ✗ 3. APMC Act
- ✓ 4. e-NAM

Q.80 The percentage profit earned by selling an article for ₹3,471 is equal to the percentage loss incurred by selling the same article for ₹2,577. At what price should the article be sold (in ₹) to make a 25% profit?

Ans
- ✗ 1. 3,783
- ✓ 2. 3,780
- ✗ 3. 3,778
- ✗ 4. 3,781

Q.81 In everyday life, higher population density in cities like Delhi leads to _____.

Ans
- ✗ 1. increased per capita income
- ✗ 2. reduced land prices
- ✓ 3. stress on the environment
- ✗ 4. decrease in school enrolments

Q.82 When applying a watermark to an MS Word document, which of the following settings offers the LEAST control over its precise placement and size on each page?

Ans
- ✗ 1. Inserting a custom picture watermark and adjusting its scale and wash-out settings
- ✗ 2. Inserting a graphic as a header or footer and positioning it behind the text
- ✗ 3. Inserting a custom text watermark with specific layout options
- ✓ 4. Utilising a predefined watermark template from the 'Watermark' gallery

Q.83 India Infoline Finance Limited (IIFL Finance), India's leading non-banking financial companies (NBFCs), has rebranded how many of its existing branches as all-women staffed 'Shakti' branches to mark Women's Day (8 March 2025)?

Ans
- ✗ 1. Five
- ✗ 2. Six
- ✓ 3. Seven
- ✗ 4. Eight

Q.84 Post 1991 economic reforms, India witnessed significant changes in the banking sector. What is one major reform introduced in the banking sector?

Ans
- ✓ 1. Deregulation of interest rates
- ✗ 2. Freezing interest rates
- ✗ 3. Increase in SLR
- ✗ 4. Abolition of all private banks

Q.85 In a certain code language, 'MOVE' is coded as '4826' and 'IRON' is coded as '1352'.

What is the code for 'O' in the given code language?

Ans
- ✗ 1. 5
- ✗ 2. 8
- ✓ 3. 2
- ✗ 4. 4

Q.86 Following the provisions of the 74th Constitutional Amendment, 1992, which of the following terms is used for urban governance in areas transitioning from rural to urban?

Ans
- ✓ 1. Nagar Panchayats
- ✗ 2. Block Development Councils
- ✗ 3. Special Economic Zones
- ✗ 4. Zila Parishads

Q.87 Who among the following was appointed as the new Chairperson of the National Human Rights Commission (NHRC) in December 2024?

Ans
- ✗ 1. Justice Bidyut Ranjan Sarangi
- ✗ 2. Justice HL Dattu
- ✓ 3. V Ramasubramanian
- ✗ 4. Arun Mishra

Q.88 If 2.5 : 40.6 :: 40.6 : x, then find the value of x.

Ans
- ✗ 1. 665.032
- ✗ 2. 658.357
- ✗ 3. 655.425
- ✓ 4. 659.344

Q.89 What is the purpose of the Find and Replace feature (Ctrl + H) in MS Word 2019?

Ans
- ✗ 1. To change the font of the selected text
- ✓ 2. To search for specific text and replace it with other text
- ✗ 3. To adjust paragraph spacing
- ✗ 4. To insert hyperlinks

Q.90 F is the sister of G. G is the husband of H. H is the daughter of I. I is the husband of J. How is F related to J?

Ans

✗ 1. Husband's sister

✓ 2. Daughter's husband's sister

✗ 3. Daughter's husband's mother

✗ 4. Husband's mother

Q.91 Mahesh borrowed a sum of ₹14,000 at a certain rate of simple interest for 4 years. If he paid an interest of ₹3,500 at the end of the period at x% per annum rate of interest, the value of x is:

Ans

✗ 1. 8.25

✓ 2. 6.25

✗ 3. 5.25

✗ 4. 7.25

Q.92 In one of his famous works, Yahya bin Ahmad Sirhindi claims that the founder of the _____ was a descendant of the Prophet Muhammad.

Ans

✓ 1. Sayyid Dynasty

✗ 2. Tughlaq Dynasty

✗ 3. Ghaznavid Dynasty

✗ 4. Ghurid Dynasty

Q.93 The larger of two supplementary angles is 62° more than the smaller one. The smaller angle (in degree) is:

Ans

✗ 1. 65°

✓ 2. 59°

✗ 3. 57°

✗ 4. 68°

Q.94 Which of the following rivers forms the Majuli Island, the world's largest river island?

Ans

✗ 1. Godavari

✗ 2. Mahanadi

✗ 3. Ganga

✓ 4. Brahmaputra

Q.95 Which of the following best describes the shape of a sinusoidal wave signal during one complete cycle?

Ans

✗ 1. Triangular wave

✓ 2. S-shaped wave

✗ 3. Square wave

✗ 4. Rectangular wave

Q.96 In a certain code language, 'FUSE' is coded as '6482' and 'SORT' is coded as '3671'. What is the code for 'S' in the given code language?

Ans

✓ 1. 6

✗ 2. 1

✗ 3. 3

✗ 4. 8

Q.97 The marked price of a sofa is ₹578, which is 34% above the cost price. If the profit percentage is 10%, find the discount percentage (rounded off to two decimal places).

Ans
- ✗ 1. 20.61%
- ✓ 2. 17.91%
- ✗ 3. 21.84%
- ✗ 4. 15.83%

Q.98 What should come in place of the question mark (?) in the given series?

952 950 946 940 932 ?

Ans
- ✓ 1. 922
- ✗ 2. 918
- ✗ 3. 919
- ✗ 4. 921

Q.99 M is inversely proportional to N. If M is 18, then N is 10. If N = 9, then what is the value of M?

Ans
- ✗ 1. 22
- ✗ 2. 21
- ✗ 3. 23
- ✓ 4. 20

Q.100 2 times the present age of Urvashi is 6 years more than the present age of Ayushi. The present age of Mohan is 4 times the present age of Urvashi, and Ayushi is 8 years younger than Sanju. If the sum of the present ages of Mohan and Sanju is 50 years, then Urvashi's present age (in years) is:

Ans
- ✓ 1. 8
- ✗ 2. 7
- ✗ 3. 14
- ✗ 4. 15

Test Date	14/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **A man has invested ₹50,500 at a rate of 6% per annum simple interest for 2 years. Find the amount (in ₹) that he will receive after 2 years.**

Ans
✗ 1. 57,560
✗ 2. 6,060
✓ 3. 56,560
✗ 4. 7,060

Q.2 **Which of the following is NOT a valid way to save a workbook in Microsoft Excel?**

Ans
✓ 1. Using 'File' → 'Close'
✗ 2. Pressing 'Ctrl + S'
✗ 3. Clicking 'File' → 'Save'
✗ 4. Selecting 'File' → 'Save As'

Q.3 **In a certain code language, 'PANT' is coded as '6129' and 'TAPE' is coded as '2956'. What is the code for 'E' in the given code language?**

Ans
✗ 1. 9
✗ 2. 6
✗ 3. 2
✓ 4. 5

Q.4 **A, B, C, D, E, F and G are sitting around a circular table facing the centre. C sits third to the left of B. A sits second to the left of G. G is not an immediate neighbour of C. D sits to the immediate left of E. How many people sit between A and E when counted from the left of A?**

Ans
✗ 1. One
✓ 2. Two
✗ 3. None
✗ 4. Four

Q.5 **Which Constitutional Amendment recognised the right to form cooperative societies as a part of Fundamental Rights?**

Ans
✗ 1. 99th Amendment Act
✗ 2. 11th Amendment Act
✓ 3. 97th Amendment Act
✗ 4. 93rd Amendment Act

Q.6 The length and breadth of a cuboid are 50 cm and 75 cm, respectively. If the length of the diagonal is $17\sqrt{29}$ cm, then what is the volume (in cm^3) of the cuboid?

Ans
- ✔ 1. 60,000
- ✘ 2. 60,002
- ✘ 3. 60,008
- ✘ 4. 59,995

Q.7 **Who won the 2025 Asian Snooker Championship men's title?**

Ans
- ✘ 1. Habib Shalaby
- ✘ 2. Amir Sarkosh
- ✘ 3. Ahsan Ramzan
- ✔ 4. Pankaj Advani

Q.8 **The nature of the roots of the quadratic equation $3x^2 - 5x + 2 = 0$ is:**

Ans
- ✘ 1. equal real roots
- ✘ 2. infinite number of roots
- ✔ 3. two distinct real roots
- ✘ 4. complex roots

Q.9 **Which Article of the Indian Constitution promotes the spread and development of Hindi?**

Ans
- ✘ 1. Article 350
- ✘ 2. Article 348
- ✔ 3. Article 351
- ✘ 4. Article 349

Q.10 **The Paramhansa Sabha was founded in:**

Ans
- ✘ 1. 1857
- ✘ 2. 1875
- ✔ 3. 1849
- ✘ 4. 1865

Q.11 **If the eight-digit number 59044p22 is divisible by 6, then the maximum value of p is:**

Ans
- ✘ 1. 6
- ✘ 2. 8
- ✔ 3. 7
- ✘ 4. 3

Q.12 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:
All fruit are bananas.
Some bananas are green.
All green are leaves.

Conclusions:
(I) Some fruits are bananas.
(II) Some green are leaves.

Ans
- ✘ 1. Only conclusion (I) follows
- ✘ 2. Only conclusion (II) follows
- ✔ 3. Both conclusions (I) and (II) follow
- ✘ 4. Neither conclusion (I) nor (II) follows

Q.13 Two taps can fill a cistern in 2 hours and 81 hours, respectively. A third tap can empty it in 81 hours. How long (in hours) will it take to fill the empty cistern, if all of the taps are opened together?

Ans
- ✗ 1. 3
- ✗ 2. 4
- ✗ 3. 5
- ✓ 4. 2

Q.14 Paika is the famous folk dance of which of the following states?

Ans
- ✗ 1. Punjab
- ✓ 2. Jharkhand
- ✗ 3. Gujarat
- ✗ 4. Rajasthan

Q.15 Who won the 2025 Pulitzer for Poetry with New and Selected Poems?

Ans
- ✗ 1. Ocean Vuong
- ✗ 2. Tracy K Smith
- ✓ 3. Marie Howe
- ✗ 4. Ada Limón

Q.16 What is another name for representative elements?

Ans
- ✗ 1. Transition elements
- ✗ 2. Transuranium elements
- ✓ 3. Main group elements
- ✗ 4. Inner-Transition elements

Q.17 When did Algeria officially become a member of the New Development Bank (NDB)?

Ans
- ✗ 1. January 2025
- ✓ 2. May 2025
- ✗ 3. March 2025
- ✗ 4. February 2025

Q.18 Evaluate: 30 - [30 - {30 - (30 - 30 × 4)}]

Ans
- ✗ 1. 141
- ✗ 2. 118
- ✓ 3. 120
- ✗ 4. 132

Q.19 Which feature in Windows allows you to recover files that were accidentally deleted?

Ans
- ✓ 1. Recycle Bin
- ✗ 2. Disk Cleanup
- ✗ 3. Task Manager
- ✗ 4. Control Panel

Q.20 Find the value of $\sqrt{385+\sqrt{213+\sqrt{144}}}$.

Ans
- ✗ 1. 23
- ✓ 2. 20
- ✗ 3. 19
- ✗ 4. 24

Q.21 If the measure of each exterior angle of a regular polygon is 30°, then the number of sides of the polygon is:

Ans
- ✗ 1. 14
- ✗ 2. 16
- ✓ 3. 12
- ✗ 4. 10

Q.22 Which act stated that the Presidencies of Madras and Bombay were to be subordinate to the Presidency of Bengal in all matters of war, diplomatic relations and revenue?

Ans
- ✓ 1. Pitts' India Act, 1784
- ✗ 2. Charter Act of 1793
- ✗ 3. Charter Act of 1813
- ✗ 4. Charter Act of 1833

Q.23 David spends 55% of his income. If he saves ₹36,000, then his income (in ₹) is:

Ans
- ✓ 1. 80,000
- ✗ 2. 81,000
- ✗ 3. 19,800
- ✗ 4. 79,000

Q.24 Under Article 164(3) of the Constitution of India, who administers the oath of office to the State Ministers?

Ans
- ✗ 1. President of India
- ✗ 2. Chief Minister of the State
- ✓ 3. Governor of the State
- ✗ 4. Speaker of the Legislative Assembly

Q.25 The length of a rectangular pitch is 30 m more than its breadth. Its area is 18,271 m^2. Its breadth (in m) is:

Ans
- ✗ 1. 131
- ✓ 2. 121
- ✗ 3. 113
- ✗ 4. 124

Q.26 Commercial crops were prioritised over food crops during colonial rule. Which of the following is an example of a commercial crop promoted by the British?

Ans
- ✗ 1. Millets
- ✗ 2. Rice
- ✗ 3. Wheat
- ✓ 4. Indigo

Q.27 Which of the following statements is FALSE if PQRS is a rectangle?

Ans
- ✓ 1. The diagonals of rectangle PQRS do not bisect each other
- ✗ 2. $\angle P = \angle Q = \angle R = \angle S = 90^\circ$
- ✗ 3. Diagonal PR = Diagonal SQ
- ✗ 4. $PQ = RS$ and $PS = QR$

Q.28 If '+' means 'subtraction', '−' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

11 − 91 × 7 ÷ 83 + 27 = ?

Ans
✗ 1. 184
✗ 2. 193
✗ 3. 210
✓ 4. 199

Q.29 What was the name of Ramagupta's widow whom Chandragupta II marry after defeating the Saka king?

Ans
✗ 1. Devatidevi
✗ 2. Kubernaga
✗ 3. Yasomati
✓ 4. Dhruvadevi

Q.30 In March 2025, where was the main event of the 56th Central Industrial Security Force (CISF) Raising Day celebrated?

Ans
✗ 1. Gurugram, Haryana
✗ 2. Pune, Maharashtra
✗ 3. Mumbai, Maharashtra
✓ 4. Thakkolam, Tamil Nadu

Q.31 If 18 : A :: A : 128, find the positive value of A.

Ans
✗ 1. 50
✓ 2. 48
✗ 3. 45
✗ 4. 47

Q.32 The marked price of a touchscreen tablet is ₹500. It sells with two successive discounts of 20% and 25%. An additional 19% discount is given on cash payment. What is the selling price (in ₹) of the touchscreen tablet on cash payment?

Ans
✗ 1. 246
✗ 2. 242
✗ 3. 245
✓ 4. 243

Q.33 In a certain code language,
'A + B' means 'A is the sister of B'
'A – B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M + N − O × P ÷ Q'?

Ans
✓ 1. Mother's Sister
✗ 2. Father's Sister's Son
✗ 3. Father's Sister's Husband
✗ 4. Mother's Sister's Husband

Q.34 The average price of three items of furniture is ₹15,165. If their prices are in the ratio 3 : 5 : 7, the price of the costliest item (in ₹) is:

Ans
✗ 1. 5,055
✗ 2. 9,099
✓ 3. 21,231
✗ 4. 7,077

Q.35 P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday. R has an exam on Wednesday. Exactly three people have an exam between R and Q. V has an exam immediately after S and T has an exam immediately before S. Only three people have an exam between P and S. Who has an exam on Sunday?

Ans
✗ 1. S
✓ 2. Q
✗ 3. P
✗ 4. T

Q.36 This question is based on the five, three-digit numbers given below.
(Left) 205 712 237 862 578 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

Ans
✗ 1. 5
✗ 2. 6
✗ 3. 3
✓ 4. 4

Q.37 'Vilambit' and 'Drut' are two varieties of which of the following singing styles?

Ans
✓ 1. Khayal
✗ 2. Dhrupad
✗ 3. Tappa
✗ 4. Thumri

Q.38 When the difference between compound interest, compounded annually, and simple interest for three years is ₹217 at 10% interest per annum, the principal is ₹_____.

Ans
✗ 1. 8,200
✗ 2. 7,420
✓ 3. 7,000
✗ 4. 6,425

Q.39 Which drama received the 2025 Pulitzer Prize for Drama?

Ans
✓ 1. Purpose
✗ 2. Fat Ham
✗ 3. English
✗ 4. The Minutes

Q.40 The Industrial Finance Corporation of India (IFCI) was established in:

Ans
✓ 1. 1948
✗ 2. 1956
✗ 3. 1954
✗ 4. 1952

Q.41 In a certain code language, ‘COAT’ is coded as ‘2486’ and ‘PALE’ is coded as ‘5712’.

What is the code for ‘A’ in the given code language?

Ans
✗ 1. 5
✗ 2. 7
✓ 3. 2
✗ 4. 8

Q.42 **Fiscal consolidation has remained a target of macroeconomic reforms. What was the targeted fiscal deficit as a percentage of GDP under the original FRBM Act 2003 ?**

Ans
- ✗ 1. 2%
- ✗ 2. 3.5%
- ✓ 3. 3%
- ✗ 4. 4%

Q.43 **A train overtakes two persons walking along a railway track. The first one walks at 12.6 km/hr. The other one walks at 30.6 km/hr. The train takes 19.8 and 25.8 seconds, respectively, to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?**

Ans
- ✗ 1. 94 km/hr
- ✗ 2. 96 km/hr
- ✓ 3. 90 km/hr
- ✗ 4. 80 km/hr

Q.44 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. MQL
- ✗ 2. RVQ
- ✗ 3. KOJ
- ✓ 4. OSM

Q.45 **What is the Great Plain of Northern India popularly known as?**

Ans
- ✗ 1. Yamuna Valley Plain
- ✗ 2. Northern Deccan Plain
- ✓ 3. Indo-Ganga-Brahmaputra Plain
- ✗ 4. Himalayan Foothill Plain

Q.46 **Mahatma Gandhi called off the Non-Cooperation Movement after the violent incident at Chauri Chaura. In which present-day state is Chauri Chaura located?**

Ans
- ✗ 1. Rajasthan
- ✗ 2. Bihar
- ✓ 3. Uttar Pradesh
- ✗ 4. Madhya Pradesh

Q.47 **Bikash starts from Point A and drives 12 km towards East. He then takes a left turn, drives 9 km, turns left and drives 13 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)**

Ans
- ✗ 1. 2 km to the north
- ✗ 2. 4 km to the north
- ✗ 3. 1 km to the north
- ✓ 4. 3 km to the north

Q.48 **Which island was renamed as Swaraj Dweep?**

Ans
- ✗ 1. Ross Island
- ✗ 2. Neil Island
- ✗ 3. Barren Island
- ✓ 4. Havelock Island

Q.49 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

TY-OT-JO
AF-VA-QV

Ans
✗ 1. LQ-GL-CG
✗ 2. PU-LP-FK
✓ 3. CH-XC-SX
✗ 4. FK-AE-VA

Q.50 What will come in the place of the question mark '(?)' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

31 ÷ 15 − 1017 × 9 + 22 = ?

Ans
✗ 1. 558
✗ 2. 552
✗ 3. 554
✓ 4. 556

Q.51 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has an exam on Thursday. No one has an exam before V. U has an exam immediately before R, but after S. Q has an exam before T but after P. How many people have exams between S and T?

Ans
✗ 1. Three
✓ 2. Four
✗ 3. Two
✗ 4. One

Q.52 This question is based on the five, three-digit numbers given below.
(Left) 144 743 290 258 799 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

Ans
✓ 1. −5
✗ 2. −7
✗ 3. −4
✗ 4. −2

Q.53 The average salary of all the workers in a factory is ₹14,000. The average salary of 80 skilled workers is ₹15,000 and the average salary of the remaining workers is ₹12,000. Find the total number of workers in the factory.

Ans
✗ 1. 140
✗ 2. 150
✗ 3. 110
✓ 4. 120

Q.54 Virat starts from point A and drives 7 km towards the south. He then takes a left turn, drives 5 km, turns left and drives 9 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

Ans
✗ 1. 7 km to the west
✗ 2. 6 km to the east
✓ 3. 7 km to the east
✗ 4. 6 km to the west

Q.55 If $\cot\theta = \frac{7}{8}$, then evaluate $\frac{8(1+\sin\theta)(1-\sin\theta)}{7(1+\cos\theta)(1-\cos\theta)}$.

Ans

✔ 1. $\frac{7}{8}$

✘ 2. $\frac{49}{64}$

✘ 3. $\frac{64}{49}$

✘ 4. $\frac{8}{7}$

Q.56 **Consider a scenario where a user is interacting with a graphical application. Which component of the computer system is primarily responsible for rendering the visual elements displayed on the monitor?**

Ans

✘ 1. Motherboard chipset

✘ 2. Central Processing Unit (CPU)

✔ 3. Graphics Processing Unit (GPU)

✘ 4. Random Access Memory (RAM)

Q.57 **The least number which, when diminished by 5, is divisible by 20, 15, 14 and 22 is:**

Ans

✘ 1. 4578

✘ 2. 4612

✔ 3. 4625

✘ 4. 4586

Q.58 **A water tank can be filled in 48 minutes by using 4 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 26 pipes of the same capacity as above?**

Ans

✘ 1. 3.17

✘ 2. 16.48

✔ 3. 7.38

✘ 4. 11.99

Q.59 **Who won the Champions of the Earth Award, 2024, the UN's highest environmental recognition?**

Ans

✘ 1. Zeeshan Khan

✔ 2. Madhav Gadgil

✘ 3. Sunderlal Bahuguna

✘ 4. Ramdeo Misra

Q.60 **The NVS-02 satellite, launched in 2025, is intended to augment which Indian system?**

Ans

✔ 1. NavIC

✘ 2. INSAT

✘ 3. IRNSS

✘ 4. GSAT

Q.61 **If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 5746238, what will be the sum of the highest and lowest digits in the new number thus formed?**

Ans

✘ 1. 11

✘ 2. 8

✔ 3. 9

✘ 4. 15

Q.62 2 times the present age of X is 7 years less than 6 times the present age of Y. At present, P is 2 times as old as X, and Y is 8 years younger than Q. If P is 50 years older than Q, then the present age (in years) of Y is:

Ans
- ✗ 1. 18
- ✓ 2. 13
- ✗ 3. 5
- ✗ 4. 12

Q.63 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has an exam on Thursday. T has an exam immediately before P, and V has an exam immediately after P. Only 3 people have an exam between U and Q. R has an exam immediately after Q. How many people have an exam between Q and S?

Ans
- ✗ 1. 3
- ✗ 2. 1
- ✗ 3. 2
- ✓ 4. 4

Q.64 In 1820-21, which tribal group led a revolt against the authorities in the area now known as West Singhbhum district of Jharkhand, which was later suppressed by the British?

Ans
- ✗ 1. Santhal tribes
- ✗ 2. Munda tribes
- ✗ 3. Khasi tribes
- ✓ 4. Ho tribes

Q.65 Anwar's salary is ₹11,000 per month. He spends ₹6,000 on house rent and ₹3,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

Ans
- ✗ 1. 24,000
- ✗ 2. 18,000
- ✗ 3. 20,000
- ✓ 4. 22,000

Q.66 A dealer marks his goods at 65% above the cost price and allows a discount of 59% on the marked price. What is his gain or loss percentage (correct to two decimal places)?

Ans
- ✗ 1. 33.53% loss
- ✗ 2. 33.88% gain
- ✓ 3. 32.35% loss
- ✗ 4. 32.07% gain

Q.67 In September 2024, the Indian government constituted a high-level committee headed by which individual to examine the feasibility and implementation of the 'One Nation, One Election' proposal?

Ans
- ✗ 1. Justice BN Srikrishna
- ✗ 2. Venkaiah Naidu
- ✓ 3. Ram Nath Kovind
- ✗ 4. Justice RM Lodha

Q.68 HN 19 is related to DK 30 in a certain way. In the same way, JR 11 is related to FO 22. To which of the given options is SF 3 related, following the same logic?

Ans
- ✗ 1. NB 12
- ✓ 2. OC 14
- ✗ 3. NC 14
- ✗ 4. OB 12

Q.69 The ratio of three numbers is 20 : 14 : 6. If 65 percent of the first number is 39, what would be 50 percent of the difference of the third and second number?

Ans
- ✗ 1. 11
- ✗ 2. 14
- ✓ 3. 12
- ✗ 4. 10

Q.70 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JQ29, LS36, NU43, PW50, ?

Ans
- ✗ 1. RX58
- ✓ 2. RY57
- ✗ 3. RY58
- ✗ 4. RX57

Q.71 A buffer solution has [CH_3COOH] = 0.1 M and [CH_3COO^-] = 0.1 M. If pKa of CH_3COOH is 4.76, then what is its pH?

Ans
- ✓ 1. 4.76
- ✗ 2. 3.76
- ✗ 3. 7.00
- ✗ 4. 5.76

Q.72 A 250 m long train overtakes a man moving at a speed of 7 km/hr (in same direction) in 50 seconds. How much time (in seconds) will this train take to completely cross another 280 m long train, moving in the opposite direction at a speed of 28 km/hr?

Ans
- ✓ 1. 36
- ✗ 2. 54
- ✗ 3. 49
- ✗ 4. 50

Q.73 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 2 2 € 9 8 1 9 * 8 € 2 4 9 7 2 * $ & * 6 $ (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✓ 1. 6
- ✗ 2. 8
- ✗ 3. 7
- ✗ 4. 5

Q.74 A shopkeeper purchased 83 dozens of articles at the rate of ₹560 per dozen. He sold each one of them at the rate of ₹49. What percentage profit did he make?

Ans
- ✗ 1. 8%
- ✗ 2. 3%
- ✓ 3. 5%
- ✗ 4. 7%

Q.75 What should come in place of the question mark (?) in the given series?

79 77.8 76.6 ? 74.2 73

Ans

✗ 1. 74.8

✗ 2. 76

✗ 3. 74.6

✓ 4. 75.4

Q.76 Which sector is the largest recipient of foreign direct investment in the first half of financial year 2024-25?

Ans

✗ 1. Mining sector

✗ 2. Manufacturing sector

✓ 3. Service sector

✗ 4. Agricultural sector

Q.77 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3582147, then how many digits will appear more than once in the new number thus formed?

Ans

✗ 1. 3

✗ 2. 0

✗ 3. 1

✓ 4. 2

Q.78 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. IL - GJ

✗ 2. QT - OR

✓ 3. LJ - MK

✗ 4. KN - IL

Q.79 When saving an MS PowerPoint presentation, which of the following options would be most suitable if the primary goal is to ensure the presentation opens in slideshow view by default for recipients who may not have MS PowerPoint installed?

Ans

✗ 1. OpenDocument Presentation (.odp)

✗ 2. PDF (.pdf)

✓ 3. PowerPoint Show (.ppsx)

✗ 4. PowerPoint Presentation (.pptx)

Q.80 45 is related to 5 following a certain logic. Following the same logic, 81 is related to 9. To which of the following is 63 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans

✓ 1. 7

✗ 2. 9

✗ 3. 8

✗ 4. 6

Q.81 The inability to isolate intact DNA for structural studies prior to the 1950s was primarily due to which molecular feature?

Ans
- ✗ 1. DNA's high melting point
- ✗ 2. DNA's susceptibility to UV degradation
- ✗ 3. DNA's interaction with histone proteins
- ✓ 4. DNA's large polymeric nature and fragility

Q.82 Which of the following is known as the 'Steel City of India'?

Ans
- ✓ 1. Jamshedpur
- ✗ 2. Indore
- ✗ 3. Ankaleswar
- ✗ 4. Pilani

Q.83 According to the office of the Registrar General and Census Commissioner of India, a city with a population exceeding 10 million is classified as which type of urban settlement?

Ans
- ✗ 1. Metro town
- ✓ 2. Mega City
- ✗ 3. Town
- ✗ 4. Metropolitan City

Q.84 Capital account convertibility refers to free movement of capital across borders. Which of the following committees recommended full capital account convertibility?

Ans
- ✗ 1. Suresh Tendulkar Committee
- ✓ 2. Tarapore Committee
- ✗ 3. Ashok Mehta Committee
- ✗ 4. Rangarajan Committee

Q.85 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

JQ-NU-RT
MT-QX-UW

Ans
- ✓ 1. CJ-GN-KM
- ✗ 2. DJ-GN-KL
- ✗ 3. DJ-GM-KL
- ✗ 4. CJ-GN-KL

Q.86 What is the median of the following distribution?

Class	150-200	200-250	250-300	300-350	350-400
Frequency	20	19	32	27	12

Ans
- ✗ 1. 261
- ✗ 2. 286
- ✗ 3. 293
- ✓ 4. 275

Q.87 The ratio of incomes of Seema and Darshan is 2 : 3. They save ₹15,000 and ₹9,000, respectively. If the ratio of their expenditures is 12 : 19, then what is the total expenditure (in ₹) of Seema and Darshan?

Ans
- ✗ 1. 4,21,000
- ✓ 2. 4,18,500
- ✗ 3. 4,18,000
- ✗ 4. 4,22,000

Q.88 What is the primary advantage of using a virtual file system (VFS) layer within an operating system?

Ans

✗ 1. To directly manage the physical storage devices

✗ 2. To handle the low-level details of file storage and retrieval for a single file system

✗ 3. To optimise disk access speeds for specific file system types

✓ 4. To provide a consistent interface for applications to access different file systems

Q.89 What should come in place of the question mark (?) in the given series?

882 880 876 870 862 ?

Ans

✓ 1. 852

✗ 2. 856

✗ 3. 850

✗ 4. 854

Q.90 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CXS EZU GBW IDY ?

Ans

✗ 1. FKA

✓ 2. KFA

✗ 3. FAK

✗ 4. KAF

Q.91 Rohan has ₹$(3x^2 + 5xy + 7y^2)$ in his pocket. He spent ₹$(2x^2 + 5xy + 4y^2)$ out of it. How much money is left with Rohan?

Ans

✗ 1. ₹$(x^2 - 3y)^2$

✓ 2. ₹$(x^2 + 3y^2)$

✗ 3. ₹$(x^2 - 3y^2)$

✗ 4. ₹$(x^2 + 3y)^2$

Q.92 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. G sits to the immediate left of D. B sits to the immediate left of C. C sits second to the left of A. I sits third to the left of D. Who sits third to the right of H?

Ans

✗ 1. D

✓ 2. I

✗ 3. A

✗ 4. C

Q.93 In a certain code language, 'CARE' is coded as '5391' and 'RIBS' is coded as '2458'. What is the code for 'R' in the given code language?

Ans

✗ 1. 9

✗ 2. 2

✓ 3. 5

✗ 4. 8

Q.94 SI 14 is related to WH −2 in a certain way. In the same way, MJ 18 is related to QI 2. To which of the given options is PV 4 related, following the same logic?

Ans

✓ 1. TU −12

✗ 2. NG −6

✗ 3. HT −8

✗ 4. KH −7

Q.95 Who among the following was appointed the new Director General of the Central Reserve Police Force (CRPF) in January 2025?

Ans

✗ 1. Vitul Kumar

✗ 2. Kuldeep Singh

✓ 3. Gyanendra Pratap Singh

✗ 4. Anish Dayal Singh

Q.96 In February 2025, the Indian government imposed a ban on the manufacture and export of which two opioid drugs due to concerns over their misuse and associated health risks in West African countries?

Ans

✗ 1. Codeine and Tramadol

✓ 2. Tapentadol and Carisoprodol

✗ 3. Oxycodone and Hydrocodone

✗ 4. Morphine and Fentanyl

Q.97 Which of the following correctly represents the three levels/tiers in the Panchayati Raj system in India?

Ans

✗ 1. Gram Sabha, Municipal Council, Cantonment Board

✗ 2. Gram Panchayat, Block Assemblies, State Assembly

✓ 3. Village Panchayat, Block Samiti, Zilla Parishad

✗ 4. Village Panchayat, Municipal Corporation, Zilla Parishad

Q.98 In January 2025, a camera trap in Namdapha Tiger Reserve captured an elephant after 12 years, indicating the presence of elephants in which Indian state?

Ans

✗ 1. Meghalaya

✗ 2. Assam

✗ 3. Nagaland

✓ 4. Arunachal Pradesh

Q.99 What was the name of the new department opened by Muhammad Tughlaq for the development of agriculture?

Ans

✗ 1. Diwan-i-Risalat

✗ 2. Diwan-i-Qaza

✓ 3. Diwan-i-Kohi

✗ 4. Diwan-i-Wizarat

Q.100 What is the median of the following data?

59, 34, 84, 70, 56, 99, 98, 49, 76, 19, 69

Ans

✗ 1. 69.5

✗ 2. 70

✓ 3. 69

✗ 4. 68.5

Test Date	14/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **At what rate of interest per annum will a sum of ₹8,000 amount to ₹15,625 in 1 year and 6 months, if the interest is compounded half-yearly?**

Ans
✗ 1. 65%
✓ 2. 50%
✗ 3. 67%
✗ 4. 70%

Q.2 Find the value of $\sqrt{125 + \sqrt{344 + \sqrt{289}}}$.

Ans
✗ 1. 7
✓ 2. 12
✗ 3. 8
✗ 4. 22

Q.3 **Arpan starts from Point A and drives 12 km towards East. He then takes a right turn, drives 8 km, turns right and drives 14 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)**

Ans
✓ 1. 4 km to the south
✗ 2. 3 km to the south
✗ 3. 2 km to the south
✗ 4. 1 km to the south

Q.4 **The greatest number that divides 152 and 181 leaving remainders 2 and 6, respectively, is:**

Ans
✗ 1. 33
✗ 2. 35
✓ 3. 25
✗ 4. 34

Q.5 **How many times may the President of India ask the Prime Minister to have an executive recommendation reconsidered by the Cabinet?**

Ans
✗ 1. It is at the President's absolute discretion without limits.
✗ 2. As many times as needed
✗ 3. Twice
✓ 4. Only once

Q.6 Ganesh starts from point A and drives 11 km towards the south. He then takes a right turn, drives 8 km, turns right and drives 15 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 4 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✔ 1. 4 km to the west
- ✘ 2. 3 km to the west
- ✘ 3. 3 km to the east
- ✘ 4. 4 km to the east

Q.7 In a certain code language, 'WILD' is coded as '5391' and 'DOGS' is coded as '2458'. What is the code for 'D' in the given code language?

Ans
- ✘ 1. 1
- ✘ 2. 4
- ✘ 3. 2
- ✔ 4. 5

Q.8 What are the names of the venues where the Khelo India Para Games (KIPG) 2025 was held?

Ans
- ✘ 1. Jawaharlal Nehru Indoor Stadium and Indira Gandhi Indoor Stadium
- ✘ 2. Major Dhyan Chand National Stadium, Indira Gandhi Indoor Stadium, and Dr Karni Singh Shooting Range
- ✘ 3. Jawaharlal Nehru Indoor Stadium, Indira Gandhi Indoor Stadium, and Talkatora Stadium
- ✔ 4. Jawaharlal Nehru Indoor Stadium, Indira Gandhi Indoor Stadium, and Dr Karni Singh Shooting Range

Q.9 What is the median of the following data?

72, 47, 98, 52, 20, 86, 85, 69, 59, 81, 53

Ans
- ✘ 1. 69.5
- ✔ 2. 69
- ✘ 3. 68.5
- ✘ 4. 70

Q.10 P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday.
V has an exam on Thursday. Exactly 4 people have their exam between S and U, neither of whom has an exam on Sunday. R has an exam immediately before P. T does not have an exam on Friday. S does not have an exam after P. Who among the following has an exam on Tuesday?

Ans
- ✘ 1. U
- ✘ 2. T
- ✔ 3. R
- ✘ 4. S

Q.11 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(NOTE: All numbers are single digit numbers only.)

(Left) 3 % 2 % 2 £ £ & © £ 1 1 8 5 $ 9 9 5 2 & 5 6 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✔ 1. 2
- ✘ 2. 3
- ✘ 3. 1
- ✘ 4. 4

Q.12 **Which of the given tribal uprisings did NOT take place around the unrest during the Revolt of 1857?**

Ans
- ✗ 1. Naikda Movement
- ✗ 2. Rebellion of Sambalpur
- ✗ 3. Santhal Rebellion
- ✓ 4. Birsa Munda Revolt

Q.13 **Green Revolution technologies heavily relied on inputs and were scale-sensitive. Why did small and marginal farmers face challenges in adopting Green Revolution technologies?**

Ans
- ✗ 1. Scarcity of agricultural labourers
- ✓ 2. High input costs and credit inaccessibility
- ✗ 3. Limited demand for food grains
- ✗ 4. Excess availability of land

Q.14 **In January 2025, Libia Lobo Sardesai was honoured with the Padma Shri for her historical contributions. What role did she play in Indian history?**

Ans
- ✓ 1. Goa's liberation movement activist
- ✗ 2. Leader in the anti-emergency protest movement
- ✗ 3. Leader in the Bhoodan land reform movement
- ✗ 4. Defence researcher in Post Independent India

Q.15 **If 2 is added to each even digit and 2 is added to each odd digit in the number 7153246, what will be the sum of all the odd digits in the new number thus formed?**

Ans
- ✗ 1. 28
- ✗ 2. 21
- ✗ 3. 19
- ✓ 4. 24

Q.16 **In March 2025, India's Parliament passed the Bills of Lading Bill, 2025. What was the primary objective of this legislation?**

Ans
- ✗ 1. To privatise major ports
- ✗ 2. To establish new maritime boundaries
- ✗ 3. To regulate inland water transport
- ✓ 4. To modernise the 169 years old shipping law

Q.17 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. JN - HL
- ✓ 2. LP - JK
- ✗ 3. NR - LP
- ✗ 4. OS - MQ

Q.18 **What should come in place of the question mark (?) in the given series?**

113 137 106 130 99 123 ?

Ans
- ✗ 1. 116
- ✗ 2. 96
- ✓ 3. 92
- ✗ 4. 110

Q.19 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

QV-SX-UW
NS-PU-RT

Ans
✔ 1. KP-MR-OQ
✘ 2. LP-MR-OS
✘ 3. KP-MR-OS
✘ 4. LP-NR-OS

Q.20 This question is based on the five, three-digit numbers given below.
(Left) 823 664 309 431 175 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

Ans
✘ 1. 16
✘ 2. 11
✔ 3. 13
✘ 4. 14

Q.21 The speed of a boat in still water is 7 km/hr and the speed of the stream is 5 km/hr. A man rows to a place at a distance of 52.8 km and comes back to the starting point. Find the total time (in hours) taken by him.

Ans
✘ 1. 40.6
✘ 2. 23.6
✘ 3. 29.9
✔ 4. 30.8

Q.22 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7452183, then what will the difference between the highest and lowest digits in the new number thus formed be?

Ans
✘ 1. 6
✘ 2. 9
✔ 3. 8
✘ 4. 7

Q.23 The average price of three items of furniture is ₹15,135. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

Ans
✘ 1. 7,063
✘ 2. 3,027
✔ 3. 9,081
✘ 4. 5,045

Q.24 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FKP DIN BGL ZEJ ?

Ans
✔ 1. XCH
✘ 2. CXH
✘ 3. XHC
✘ 4. CHX

Q.25 A 100 m long train overtakes a man moving at a speed of 9 km/hr (in same direction) in 30 seconds. How much time (in seconds) will this train take to completely cross another 220 m long train, moving in the opposite direction at a speed of 51 km/hr?

Ans

✗ 1. 34

✗ 2. 5

✗ 3. 10

✓ 4. 16

Q.26 Which of the following keyboard shortcuts is used to insert a new slide in PowerPoint 2019?

Ans

✗ 1. Ctrl + N

✓ 2. Ctrl + M

✗ 3. Ctrl + K

✗ 4. Ctrl + D

Q.27 A dealer marks his goods at 5% above the cost price and allows a discount of 67% on the marked price. What is his gain or loss percentage (correct to two decimal places)?

Ans

✗ 1. 66.14% loss

✗ 2. 68.42% loss

✓ 3. 65.35% loss

✗ 4. 66.1% loss

Q.28 Evaluate: 22 - [22 - {22 - (22 - 22 × 4)}]

Ans

✗ 1. 111

✗ 2. 92

✓ 3. 88

✗ 4. 101

Q.29 Which of the following statements is NOT correct with reference to the distribution of elements in the periodic table?

Ans

✗ 1. There is a zig-zag line separating metals and non-metals.

✗ 2. Non-metals are on the top right corner.

✓ 3. Metalloids are scattered randomly throughout the table.

✗ 4. Metals are located on the left side.

Q.30 The length of the base of a parallelogram is $(4x^2 - 7xy + y^2)$ m and its height is $(x + y)$ m. Find the area of parallelogram, when $x = 3$ and $y = -2$.

Ans

✗ 1. $69\ m^2$

✓ 2. $82\ m^2$

✗ 3. $48\ m^2$

✗ 4. $57\ m^2$

Q.31 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some houses are small.
Some small are forks.
All forks are knives.

Conclusions:
(I) Some small are houses.
(II) Some forks are small.

Ans
✗ 1. Neither conclusion (I) nor (II) follows
✗ 2. Only conclusion (II) follows
✓ 3. Both conclusions (I) and (II) follow
✗ 4. Only conclusion (I) follows

Q.32 During the 2025 defense expo, Gallium Nitride (GaN) Semiconductor Solutions was highlighted as a key advancement in which area of defense technology?

Ans
✓ 1. Radar and electronic warfare systems
✗ 2. Combat navigation
✗ 3. Space communications
✗ 4. Cybersecurity infrastructure

Q.33 JR 11 is related to MV 2 in a certain way. In the same way, KL 7 is related to NP -2. To which of the given options is WO 2 related, following the same logic?

Ans
✗ 1. ZT -7
✗ 2. AT -7
✗ 3. AS -5
✓ 4. ZS -7

Q.34 The mean proportional between $(18 + 10\sqrt{7})$ and $(18 - 4\sqrt{7})$ is:

Ans
✓ 1. $\sqrt{44 + 108\sqrt{7}}$
✗ 2. $\sqrt{4 + 56\sqrt{7}}$
✗ 3. $\sqrt{44 + 56\sqrt{7}}$
✗ 4. $\sqrt{10 + 56\sqrt{7}}$

Q.35 What is the setting for Alice Feeney's 2025 psychological thriller Beautiful Ugly?

Ans
✗ 1. East Gladness, Connecticut
✗ 2. Prague, Czech Republic
✓ 3. A remote Scottish island
✗ 4. A Nebraskan town during the Dust Bowl

Q.36 Which of the following is NOT a type of quadrilateral?

Ans
✓ 1. Octagon
✗ 2. Trapezoid
✗ 3. Kite
✗ 4. Rhombus

Q.37 As per the Ministry of Finance, what percentage of India's population filed income tax returns in FY 2023-24?

Ans
- ✗ 1. 66.8%
- ✓ 2. 6.68%
- ✗ 3. 36.68%
- ✗ 4. 16.68%

Q.38 In a certain code language,
'A + B' means 'A is the sister of B'
'A – B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M ÷ N + O − P × Q'?

Ans
- ✗ 1. Brother
- ✗ 2. Wife's Brother
- ✗ 3. Father
- ✓ 4. Wife's Father

Q.39 The Great Plains of India were primarily formed due to the deposition by which of the following rivers?

Ans
- ✗ 1. Krishna, Godavari and Kaveri
- ✗ 2. Yamuna, Sutlej and Gomti
- ✓ 3. Indus, Ganga and Brahmaputra
- ✗ 4. Narmada, Tapi and Mahanadi

Q.40 As per IMF's January 2025 report, what is the projected global headline inflation rate for 2025?

Ans
- ✗ 1. 5.0%
- ✗ 2. 6.0%
- ✗ 3. 6.5%
- ✓ 4. 4.2%

Q.41 Which action best describes the effect of applying bullets or numbering to a selection of text in MS Word?

Ans
- ✓ 1. It converts the selected text into a structured list with symbols or numbers for better organization.
- ✗ 2. It applies a background color to highlight important paragraphs.
- ✗ 3. It automatically splits the document into multiple sections.
- ✗ 4. It hides the selected content to protect it from being viewed.

Q.42 In a bag containing red, green, and pink tokens, the ratio of red to green tokens is 7 : 4, while the ratio of pink to red tokens is 20 : 11. What is the ratio of green to pink tokens?

Ans
- ✗ 1. 12 : 37
- ✓ 2. 11 : 35
- ✗ 3. 9 : 38
- ✗ 4. 12 : 41

Q.43 If 4 : 16 :: 7.3 : x and 4 : 32 :: 7 : y. What is the ratio of x to y?

Ans
- ✓ 1. 73 : 140
- ✗ 2. 71 : 141
- ✗ 3. 74 : 138
- ✗ 4. 77 : 150

Q.44 In modern motherboards, which component is directly connected to the CPU to facilitate high-speed communication?

Ans
- ✔ 1. Northbridge
- ✘ 2. GPU
- ✘ 3. PCB
- ✘ 4. ROM

Q.45 In April 2025, India's trade deficit with which country widened to a record $99.2 billion?

Ans
- ✘ 1. The US
- ✔ 2. China
- ✘ 3. The UK
- ✘ 4. Germany

Q.46 Which of the following dance forms is often accompanied by the famous song form 'Thumri'?

Ans
- ✘ 1. Kuchipudi
- ✔ 2. Kathak
- ✘ 3. Sattriya
- ✘ 4. Chhau

Q.47 By when must an employer deposit employee deductions with a co-operative society if wages are paid daily?

Ans
- ✔ 1. Within 7 days of deduction
- ✘ 2. Within 24 hours
- ✘ 3. Before the weekly holiday
- ✘ 4. Before the next working day

Q.48 The Amaravati Stupa had been built by which of the following rulers?

Ans
- ✔ 1. Satavahana
- ✘ 2. Shungas
- ✘ 3. Mauryas
- ✘ 4. Guptas

Q.49 Narcondam Island is located in:

Ans
- ✘ 1. Gulf of Mannar
- ✘ 2. Lakshadweep
- ✘ 3. Arabian Sea
- ✔ 4. Andaman Sea

Q.50 The evidence of the earliest cotton cultivation in the Indus valley is found at which site?

Ans
- ✘ 1. Kalibangan
- ✔ 2. Mehrgarh
- ✘ 3. Harappa
- ✘ 4. Rakhigarhi

Q.51 A man has invested ₹50,000 at a rate of 12% per annum simple interest for 4 years. Find the amount (in ₹) that he will receive after 4 years.

Ans
- ✘ 1. 75,000
- ✔ 2. 74,000
- ✘ 3. 25,000
- ✘ 4. 24,000

Q.52 If 4% of x = 24, then x is equal to:

Ans
- ✗ 1. 1300
- ✗ 2. 700
- ✓ 3. 600
- ✗ 4. 1200

Q.53 What will come in the place of the question mark '(?)' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

116 ÷ 5 − 423 × 3 + 13 = ?

Ans
- ✗ 1. 508
- ✗ 2. 808
- ✓ 3. 708
- ✗ 4. 608

Q.54 The marked price of a laptop is ₹750. It sells with two successive discounts of 4% and 25%. An additional 25% discount is given on cash payment. What is the selling price (in ₹) of the laptop on cash payment?

Ans
- ✗ 1. 402
- ✗ 2. 406
- ✓ 3. 405
- ✗ 4. 407

Q.55 The channel between Minicoy and the Maldives is known as the:

Ans
- ✗ 1. Equatorial Channel
- ✓ 2. Eight Degree Channel
- ✗ 3. Ten Degree Channel
- ✗ 4. Nine Degree Channel

Q.56 The Indian High Courts Act was passed in the year _____.

Ans
- ✗ 1. 1909
- ✓ 2. 1861
- ✗ 3. 1857
- ✗ 4. 1872

Q.57 In a certain code language, 'FIRE' is coded as '5371' and 'ACID' is coded as '8247'.

What is the code for 'I' in the given code language?

Ans
- ✗ 1. 3
- ✗ 2. 2
- ✗ 3. 4
- ✓ 4. 7

Q.58 Which of the following components is/are NOT a part of the Central Processing Unit (CPU)?

Ans
- ✗ 1. Control Unit (CU)
- ✓ 2. Graphic Card
- ✗ 3. Arithmetic Logic Unit (ALU)
- ✗ 4. Registers

Q.59 If the eight-digit number 51880p69 is divisible by 3, then the maximum value of p is:

Ans
- ✗ 1. 4
- ✓ 2. 8
- ✗ 3. 6
- ✗ 4. 3

Q.60 Which of the following statements best describes the Indian Union Cabinet's role in legislation?

Ans
- ✗ 1. The Cabinet is the only law-making body in India.
- ✗ 2. The Cabinet has judicial authority over legislations surpassing the judiciary.
- ✓ 3. The Cabinet gives final shape to government bills and prepares the legislative agenda.
- ✗ 4. The Cabinet enacts laws without any involvement of any house of the Indian Parliament.

Q.61 The roots of the quadratic equation $7x^2 - 10x + 3 = 0$ are:

Ans
- ✓ 1. $1 \text{ and } \frac{3}{7}$
- ✗ 2. $-1 \text{ and } -\frac{3}{7}$
- ✗ 3. $-1 \text{ and } \frac{3}{7}$
- ✗ 4. $1 \text{ and } -\frac{3}{7}$

Q.62 If the mode of a data exceeds its mean by 20.1, then the mode exceeds the median by _____. (Use empirical formula)

Ans
- ✗ 1. 18.6
- ✗ 2. 4.4
- ✓ 3. 13.4
- ✗ 4. 3.9

Q.63 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. BK – IF
- ✗ 2. HQ – OL
- ✓ 3. TC – AY
- ✗ 4. PY – WT

Q.64 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has an exam on Tuesday. Only two people have exams between P and U. V has an exam immediately before R but not on Saturday. T has an exam after P but before Q. How many people have exams between S and Q?

Ans
- ✗ 1. Three
- ✗ 2. Four
- ✗ 3. Two
- ✓ 4. Five

Q.65 MS 14 is related to OV 8 in a certain way. In the same way, NN 5 is related to PQ −1. To which of the given options is SR 6 related, following the same logic?

Ans
- ✗ 1. OO 4
- ✓ 2. UU 0
- ✗ 3. KP 3
- ✗ 4. OI 6

Q.66 The tripartite struggle for Kannauj was among the:

Ans
- ✗ 1. Cholas, Pandyas and Cheras
- ✓ 2. Palas, Gurjara-Pratiharas and Rashtrakutas
- ✗ 3. Guptas, Hunas and Palas
- ✗ 4. Chalukyas, Palas and Rashtrakutas

Q.67 In April 2025, in which city of India did the Central Zoo Authority (CZA) approve the city's first deer park?

Ans
- ✗ 1. Faridabad
- ✗ 2. Moradabad
- ✗ 3. Hisar
- ✓ 4. Noida

Q.68 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) £ * 6 @ 1 £ 8 6 @ % $ 7 # 1 9 # 6 % * 5 € & (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✗ 1. 6
- ✓ 2. 5
- ✗ 3. 7
- ✗ 4. 4

Q.69 Which Indian freedom fighter was one of the first to openly support Marxist and communist ideologies, and played a pioneering role in the labour movement and the formation of the Communist Party of India?

Ans
- ✗ 1. Chidambaram Pillai
- ✗ 2. Purushottamdas
- ✗ 3. Pulin Das
- ✓ 4. M N Roy

Q.70 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only B sits between H and A. A sits third to the left of D. G sits to the immediate left of D. C is not an immediate neighbour of A. Who sits third to the left of I?

Ans
- ✗ 1. G
- ✗ 2. C
- ✗ 3. A
- ✓ 4. H

Q.71 How many functional items are listed in the Eleventh Schedule of the Indian Constitution for Panchayats?

Ans
- ✗ 1. 36
- ✗ 2. 11
- ✗ 3. 21
- ✓ 4. 29

Q.72 Enzyme cofactors such as NAD^+ function mainly by:

Ans
- ✗ 1. increasing the overall concentration of the enzyme
- ✗ 2. acting as a permanent structural component of the enzyme
- ✓ 3. lowering the activation energy by stabilising the transition state
- ✗ 4. providing a binding site for competitive inhibitors

Q.73 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has an exam on Wednesday. Exactly 4 people have an exam between Q and V, neither of whom has an exam on Monday. P has an exam immediately before S, and R has an exam immediately after S. T has an exam immediately before Q. How many people have an exam before Q?

Ans
- ✓ 1. 1
- ✗ 2. 2
- ✗ 3. 3
- ✗ 4. 4

Q.74 The shorter side of a rectangle is 24 cm less than the longer side. The numerical value of its area is equal to 8 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

Ans
- ✗ 1. 57
- ✓ 2. 48
- ✗ 3. 52
- ✗ 4. 54

Q.75 Which of the following statements regarding the Uttar Poorva Transformative Industrialization Scheme (UNNATI), as highlighted in Rajya Sabha Unstarred Question (answered on 20 December 2024), is/are correct?
The total budget outlay for the UNNATI Scheme is ₹10,037 crores, with 60% of the outlay allocated to the North East Region.
Capital Investment Incentives in Zone A districts are higher than in Zone B districts.
The UNNATI Scheme is effective for 10 years, with an additional 8 years for meeting committed liabilities.
The UNNATI Scheme is a Central sector scheme implemented under the Ministry of Development of North Eastern Region.

Ans
- ✗ 1. 1 Only
- ✗ 2. 1, 2, 3 and 4
- ✓ 3. 1 and 3 Only
- ✗ 4. 2 and 3 Only

Q.76 As of April 2025, how many languages are listed in the Eighth Schedule of the Indian Constitution?

Ans
- ✗ 1. 20
- ✓ 2. 22
- ✗ 3. 14
- ✗ 4. 18

Q.77 Which of the following is the largest Peninsular river?

Ans
- ✗ 1. Narmada
- ✓ 2. Godavari
- ✗ 3. Mahanadi
- ✗ 4. Kaveri

Q.78 A water tank can be filled in 38 minutes by using 44 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 37 pipes of the same capacity as above?

Ans
- ✗ 1. 49.75
- ✗ 2. 39.05
- ✗ 3. 43.91
- ✓ 4. 45.19

Q.79 Find the average of all prime numbers between 20 and 40.

Ans
- ✗ 1. 25
- ✗ 2. 28
- ✓ 3. 30
- ✗ 4. 20

Q.80 A shopkeeper purchased 59 dozens of articles at the rate of ₹728 per dozen. He sold each one of them at the rate of ₹91. What percentage profit did he make?

Ans
- ✓ 1. 50%
- ✗ 2. 52%
- ✗ 3. 48%
- ✗ 4. 49%

Q.81 Globalisation refers to the integration of economies worldwide. Which of the following was a major globalisation strategy adopted by the Indian government in 1991?

Ans
- ✗ 1. Promoting import substitution industrialisation
- ✓ 2. Reducing trade barriers and encouraging foreign investment
- ✗ 3. Imposing high export tariffs
- ✗ 4. Imposing high import tariffs

Q.82 What should come in place of the question mark (?) in the given series?

872 870 866 860 852 ?

Ans
- ✗ 1. 840
- ✓ 2. 842
- ✗ 3. 843
- ✗ 4. 841

Q.83 Mahesh gets a 2% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,90,400. What was his sale (in ₹) two years ago? (Rounded off to two decimal places.)

Ans
- ✗ 1. 1,86,666.67
- ✗ 2. 1,58,666.67
- ✓ 3. 1,55,555.56
- ✗ 4. 1,35,555.56

Q.84 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

OQJ MOH KMF IKD ?

Ans
- ✓ 1. GIB
- ✗ 2. GIC
- ✗ 3. GJB
- ✗ 4. GJC

Q.85 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6318574, how many digits will appear more than once in the new number thus formed?

Ans
- ✔ 1. Three
- ✘ 2. Four
- ✘ 3. Two
- ✘ 4. One

Q.86 Find the cost (in ₹) of digging a cuboidal pit that is 6 m long, 64 m broad and 10 m deep at the rate of ₹15 per m^3.

Ans
- ✔ 1. 57,600
- ✘ 2. 57,598
- ✘ 3. 57,602
- ✘ 4. 57,591

Q.87 The exchange rate system was reformed to reflect market conditions. What type of exchange rate regime did India adopt post-1991?

Ans
- ✘ 1. Gold standard
- ✔ 2. Managed floating exchange rate
- ✘ 3. Fixed exchange rate
- ✘ 4. Floating exchange rate

Q.88 Find the value of $\frac{\sin^2 68^\circ + \sin^2 22^\circ}{2(\cos^2 17^\circ + \cos^2 73^\circ)}$.

Ans
- ✘ 1. -1
- ✘ 2. 0
- ✘ 3. 1
- ✔ 4. $\frac{1}{2}$

Q.89 What is the primary advantage of using a Directory Acyclic Graph (DAG) structure for file systems compared to a simple tree structure?

Ans
- ✔ 1. DAGs enable the creation of hard links, allowing a single file to have multiple directory entries.
- ✘ 2. DAGs inherently provide better data security and access control.
- ✘ 3. DAGs allow for faster traversal and searching of files.
- ✘ 4. DAGs reduce disk fragmentation and improve storage efficiency.

Q.90 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

 # : USO :: LJF : %

Ans
- ✘ 1. # = IOR, % = IZC
- ✘ 2. # = XVI, % = IZC
- ✔ 3. # = XVR, % = IGC
- ✘ 4. # = ZOR, % = IQV

Q.91 3 bags and 6 pens together cost ₹744, whereas 9 bags and 9 pens together cost ₹1,854. The cost of 6 bags exceeds the cost of 10 pens by:

Ans
- ✘ 1. ₹565
- ✘ 2. ₹568
- ✔ 3. ₹564
- ✘ 4. ₹567

Q.92 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(14, 66, 19)
(43, 134, 24)

Ans
- ✗ 1. (10, 35, 8)
- ✗ 2. (45, 97, 4)
- ✓ 3. (6, 42, 15)
- ✗ 4. (37, 81, 4)

Q.93 In a certain code language, 'sit back relax' is coded as 'ha mi pu' and 'relax and enjoy' is coded as 'pu co lz'. How is 'relax' coded in the given language?

Ans
- ✗ 1. mi
- ✓ 2. pu
- ✗ 3. ha
- ✗ 4. co

Q.94 The number of diagonals in a regular heptagon is:

Ans
- ✗ 1. 18
- ✗ 2. 15
- ✓ 3. 14
- ✗ 4. 19

Q.95 Who among the following won the men's singles title at the Indian Open 2025 Professional Squash Association (PSA) Copper event?

Ans
- ✗ 1. Abhay Singh
- ✗ 2. Saurav Ghosal
- ✓ 3. Kareem El Torkey
- ✗ 4. Marwan El Shorbagy

Q.96 Who received a Special Citation in the 2025 Pulitzer Prizes for civil rights journalism?

Ans
- ✗ 1. Nikole Hannah-Jones
- ✗ 2. Ta-Nehisi Coates
- ✗ 3. Ida B Wells
- ✓ 4. Chuck Stone

Q.97 Which pair of compounds illustrates the Law of Multiple Proportions?

Ans
- ✗ 1. HCl and HBr
- ✗ 2. NaOH and NaCl
- ✓ 3. CO and CO_2
- ✗ 4. $CaCO_3$ and $CaCl_2$

Q.98 A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits third to the left of C. F sits second to the left of E. B is not an immediate neighbour of E. D sits to the immediate right of A. What is the position of B with respect to G?

Ans
- ✗ 1. To the immediate right
- ✓ 2. To the immediate left
- ✗ 3. Second to the left
- ✗ 4. Third to the left

Q.99 The total length of the Northern Plain of India from west to east is approximately _____.

Ans
✗ 1. 1600 km
✗ 2. 3500 km
✗ 3. 3200 km
✓ 4. 2400 km

Q.100 A tap fills a cistern in 15 hours. Another tap empties the full tank in 17 hours. How long (in hours) will it take to fill two-third of the tank, if the tank is empty initially and both the taps are open together?

Ans
✗ 1. 340
✓ 2. 85
✗ 3. 170
✗ 4. 255

Test Date	16/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ 1. IE – NG
✗ 2. QM – VO
✓ 3. GC – LF
✗ 4. DZ – IB

Q.2 **If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '–', then what will come in place of the question mark (?) in the following equation?**

(46 B 8) A 16 C 15 B 3 D 27 =?

Ans
✓ 1. 41
✗ 2. 68
✗ 3. 29
✗ 4. 52

Q.3 **A vendor sells oranges at ₹44 each and incurs a loss of 78%. If he wants to make a profit of 78%, at what price (in ₹) should he sell each orange?**

Ans
✓ 1. 356
✗ 2. 358
✗ 3. 355
✗ 4. 354

Q.4 **Which bank has officially partnered with Sunrisers Hyderabad (SRH) as its exclusive banking partner in March 2025?**

Ans
✗ 1. Axis Bank
✗ 2. HDFC Bank
✓ 3. City Union Bank
✗ 4. ICICI Bank

Q.5 **At what rate of interest per annum will a sum of ₹15,625 amount to ₹19,683 in 1 year and 6 months, if the interest is compounded half-yearly?**

Ans
✗ 1. 8%
✗ 2. 20%
✓ 3. 16%
✗ 4. 19%

Q.6 In a certain code language, 'FISH' is coded as '6147' and 'SALE' is coded as '9512'. What is the code for 'S' in the given code language?

Ans
- ✗ 1. 5
- ✗ 2. 4
- ✗ 3. 9
- ✓ 4. 1

Q.7 A local train without stoppages runs at an average speed of 70 km/hr, and with stoppages, at an average speed of 30 km/hr. What is the total time (in hours) taken by the local train for stoppages on a route of length 630 km?

Ans
- ✗ 1. 19
- ✓ 2. 12
- ✗ 3. 10
- ✗ 4. 8

Q.8 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 7 @ £ 1 @ 7 # * 8 7 8 6 5 3 8 4 € # £ 9 1 £ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✓ 1. 1
- ✗ 2. 3
- ✗ 3. 2
- ✗ 4. 0

Q.9 Which of the following ratios is greatest?

Ans
- ✗ 1. 17 : 42
- ✓ 2. 20 : 36
- ✗ 3. 21 : 45
- ✗ 4. 25 : 50

Q.10 The mean proportional between $(21 + 16\sqrt{2})$ and $(16 - 7\sqrt{2})$ is:

Ans
- ✗ 1. $17\sqrt{7}$
- ✓ 2. $\sqrt{112 + 109\sqrt{2}}$
- ✗ 3. $\sqrt{109 + 112\sqrt{2}}$
- ✗ 4. $4\sqrt{7}$

Q.11 If the median of a data is 45.98 less than its mode, then the median of the data exceeds its mean by _____. (Use empirical formula)

Ans
- ✗ 1. 25.13
- ✓ 2. 22.99
- ✗ 3. 21.05
- ✗ 4. 26.54

Q.12 Which of the following states recorded the highest Schedule Tribes (ST) sex ratio in 2011, as per the Census of India data?

Ans
- ✗ 1. Tamil Nadu
- ✓ 2. Goa
- ✗ 3. Mizoram
- ✗ 4. Arunachal Pradesh

Q.13 An electric pump can fill a tank in 3 hours. Due to a leakage in the tank, it takes $5\frac{1}{4}$ hours to fill the tank.

How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

Ans

✗ 1. 24 hours

✓ 2. 7 hours

✗ 3. 17 hours

✗ 4. 10 hours

Q.14 **Which of the following is NOT located in the Andaman group?**

Ans

✗ 1. Havelock

✗ 2. Barren

✗ 3. Neil

✓ 4. Minicoy

Q.15 **In which of the following countries did the United Nations Biodiversity Convention 2024 (COP16) conclude in February 2025?**

Ans

✗ 1. Germany

✗ 2. France

✓ 3. Italy

✗ 4. Colombia

Q.16 **Which shortcut key combination is used to insert a hyperlink in MS PowerPoint 365?**

Ans

✗ 1. Alt + X

✗ 2. Ctrl + Shift + X

✗ 3. Ctrl + N

✓ 4. Ctrl + K

Q.17 **Anuj starts from Point A and drives 12 km towards East. He then takes a right turn, drives 8 km, turns right and drives 14 km. He then takes a right turn and drives 11 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)**

Ans

✗ 1. 2 km to the south

✗ 2. 4 km to the south

✗ 3. 1 km to the south

✓ 4. 3 km to the south

Q.18 **F is the husband of G. G is the mother of H. H is the husband of I. I is the mother of J. How is F related to J?**

Ans

✗ 1. Father's brother

✓ 2. Father's father

✗ 3. Mother's brother

✗ 4. Mother's father

Q.19 **In MS Word, if you want to duplicate a selected text without removing it from its original location, which set of commands should you use?**

Ans

✗ 1. Delete → Undo

✗ 2. Select → Move

✓ 3. Copy → Paste

✗ 4. Cut → Paste

Q.20 What is the dimensional formula of pressure?

Ans
- ✗ 1. $[M\ L\ T^{-2}]$
- ✗ 2. $[M\ L^{-2}\ T^{-2}]$
- ✗ 3. $[M\ L^{2}\ T^{-2}]$
- ✓ 4. $[M\ L^{-1}\ T^{-2}]$

Q.21 'Pradeshtris' word is used for which officers during the Mauryan Empire?

Ans
- ✗ 1. Chief minister
- ✗ 2. Commander of army
- ✓ 3. Officers responsible for suppression of criminals
- ✗ 4. Judges

Q.22 I, J, K, L, M and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only L lives above Y. I lives on some floor below J. Only M lives below K. How many people live between J and M?

Ans
- ✗ 1. Four
- ✗ 2. One
- ✗ 3. Three
- ✓ 4. Two

Q.23 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All cows are emu.
All emus are ostrich.
Some ostriches are duck.

Conclusions:
(I) Some ducks are cows.
(II) All ostriches are cows.

Ans
- ✗ 1. Only conclusion (I) follows
- ✗ 2. Only conclusion (II) follows
- ✗ 3. Both conclusions (I) and (II) follow
- ✓ 4. Neither conclusion (I) nor conclusion (II) follows

Q.24 In Windows-based systems, which Alt key combination is most likely to display the contextual control menu of the active window, especially when the title bar is inaccessible?

Ans
- ✗ 1. Alt + F4
- ✗ 2. Alt + Del
- ✓ 3. Alt + Space
- ✗ 4. Alt + F10

Q.25 Seven friends, A, B, C, D, P, Q and R, are sitting in a straight line facing north. Only two people sit to the left of R. Only three people sit between R and P. Only one person sits between P and A. D sits to the immediate left of Q. B is not an immediate neighbour of P. How many people sit to the right of C?

Ans
- ✓ 1. One
- ✗ 2. Two
- ✗ 3. Four
- ✗ 4. Three

Q.26 In MS Word 365, which feature allows users to set specific spacing before and after paragraphs to control the vertical space between paragraphs and improve document readability?

Ans

✗ 1. Indentation

✗ 2. Page Layout

✗ 3. Line Spacing

✓ 4. Paragraph Spacing

Q.27 The speed of a boat in still water is 9 km/hr and the speed of the stream is 5 km/hr. A man rows to a place at a distance of 75.6 km and comes back to the starting point. Find the total time (in hours) taken by him.

Ans

✓ 1. 24.3

✗ 2. 26.6

✗ 3. 19.3

✗ 4. 20.8

Q.28 Vinod starts from point A and drives 8 km towards the west. He then takes a left turn, drives 6 km, turns left and drives 12 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 4 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

Ans

✓ 1. 5 km to the south

✗ 2. 6 km to the south

✗ 3. 5 km to the north

✗ 4. 6 km to the north

Q.29 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only two people sit to the right of I. Only two people sit between I and O. Only two people sit between J and P. P sits to the immediate left of I. Q sits to the immediate right of L. Who sits at third position from the left end of the line?

Ans

✗ 1. I

✗ 2. O

✗ 3. Q

✓ 4. K

Q.30 Find the value of $\frac{\sqrt{0.011025}}{\sqrt{0.001225}}$

Ans

✗ 1. 13

✗ 2. 17

✓ 3. 3

✗ 4. 18

Q.31 From a point P on a level ground, the angle of elevation of the top tower is 30°. If the tower is 50 m high, the distance of point P from the foot of the tower is:

Ans

✓ 1. $50\sqrt{3}$ m

✗ 2. $\frac{50}{\sqrt{3}}$ m

✗ 3. 25 m

✗ 4. $\frac{50}{\sqrt{2}}$ m

Q.32 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✔ 1. WC – BY
- ✘ 2. LR – QM
- ✘ 3. HN – MI
- ✘ 4. BH – GC

Q.33 The value of 596 × 604 is:

Ans
- ✘ 1. 364199
- ✘ 2. 366958
- ✘ 3. 356822
- ✔ 4. 359984

Q.34 Bholanath Singh was the leader of which of the following revolts?

Ans
- ✘ 1. Farazi Movement
- ✘ 2. Wahabi Movement
- ✔ 3. Tamar Revolt
- ✘ 4. Santhal Revolt

Q.35 OJ 9 is related to QM -8 in a certain way. In the same way, JK 14 is related to LN -3. To which of the given options is VP 1 related, following the same logic?

Ans
- ✘ 1. XT -16
- ✘ 2. YS -14
- ✔ 3. XS -16
- ✘ 4. YT -16

Q.36 Income of Amit in 2019 was ₹22,000. He gets an increment of 20% every year. What was his income (in ₹) in 2021?

Ans
- ✘ 1. 26,400
- ✘ 2. 30,800
- ✔ 3. 31,680
- ✘ 4. 22,000

Q.37 What major tax reform was introduced by the 101st Amendment Act, 2016?

Ans
- ✔ 1. Goods and Services Tax (GST)
- ✘ 2. Income Tax
- ✘ 3. Wealth Tax
- ✘ 4. Excise Duty

Q.38 What should come in place of the question mark (?) in the given series?

13 8 24 19 57 52 156 ?

Ans
- ✘ 1. 155
- ✔ 2. 151
- ✘ 3. 140
- ✘ 4. 169

Q.39 How many rural households were graded based on deprivation criteria, as per Socio Economic and Caste Census (SECC) that was concluded by the Ministry of Rural Development in March, 2016?

Ans
- ✗ 1. 6.72 crore
- ✗ 2. 7.72 crore
- ✓ 3. 8.72 crore
- ✗ 4. 9.72 crore

Q.40 When appointing Governors of States and Lieutenant Governors of Union Territories, the President of India acts on the advice of which body?

Ans
- ✗ 1. The Supreme Court of India
- ✓ 2. The Union Council of ministers
- ✗ 3. The State Legislatures
- ✗ 4. The Election Commission

Q.41 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 5 $ 6 @ 3 * 6 4 & $ 2 9 5 9 € £ 7 8 # 1 & 2 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✗ 1. 4
- ✗ 2. 2
- ✓ 3. 3
- ✗ 4. 5

Q.42 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: OLR :: LIO : %

Ans
- ✗ 1. # = PKI, % = IMJ
- ✓ 2. # = ROU, % = IFL
- ✗ 3. # = RPO, % = MKP
- ✗ 4. # = YTU, % = LKJ

Q.43 Who was honoured with the title 'Assam Kesari' for his courageous role in the Indian freedom movement?

Ans
- ✓ 1. Ambikagiri Raichoudhury
- ✗ 2. Chandraprabha Saikiani
- ✗ 3. Tarun Ram Phukan
- ✗ 4. Gopinath Bordoloi

Q.44 The ratio of the lengths of two corresponding sides of two similar triangles is 10 : 9. The ratio of the areas of these two triangles, in the order mentioned, is:

Ans
- ✗ 1. 10√10 : 9
- ✗ 2. 101 : 82
- ✗ 3. 10 : 9
- ✓ 4. 100 : 81

Q.45 What should come in place of the question mark (?) in the given series?

842 840 836 830 822 ?

Ans
- ✔ 1. 812
- ✘ 2. 814
- ✘ 3. 808
- ✘ 4. 810

Q.46 Who among the following is NOT eligible for the subsidy under the PMAY-U 2.0 scheme launched in 2024?

Ans
- ✘ 1. Individuals with annual income up to ₹6 lakh
- ✘ 2. Middle Income Groups (MIG) having an annual income of up to ₹9 lakh per year
- ✔ 3. Families given housing by any government scheme in the past 20 years
- ✘ 4. Individuals from Economically Weaker Sections (EWSs)

Q.47 On simple interest, a certain sum of money amounts to ₹1,750 in 2 years and to ₹3,250 in 4 years. Find the rate of interest per annum.

Ans
- ✘ 1. 302%
- ✘ 2. 299%
- ✔ 3. 300%
- ✘ 4. 301%

Q.48 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

76 ÷ 9 + 818 × 2 − 93 = ?

Ans
- ✘ 1. 398
- ✘ 2. 378
- ✘ 3. 388
- ✔ 4. 368

Q.49 QQ 3 is related to NU -1 in a certain way. In the same way, OK 11 is related to LO 7. To which of the given options is PL -2 related, following the same logic?

Ans
- ✘ 1. NP -4
- ✘ 2. NQ -6
- ✘ 3. MQ -4
- ✔ 4. MP -6

Q.50 In MS Word 2019, which of the following features can you use to change the page orientation of your document?

Ans
- ✔ 1. Page Layout → Orientation
- ✘ 2. Review → Spelling & Grammar
- ✘ 3. Insert → Page Number
- ✘ 4. View → Print Layout

Q.51 Two taps can fill a cistern in 3 hours and 18 hours, respectively. A third tap can empty it in 72 hours. How long (in hours) will it take to fill three-fourth of the empty cistern, if all of them are opened together?

Ans
- ✘ 1. 4
- ✘ 2. 8
- ✘ 3. 6
- ✔ 4. 2

Q.52 In which type of musical instruments, sound is produced by blowing air into a hollow column?

Ans
- ✔ 1. Sushira Vadya
- ✘ 2. Tata Vadya
- ✘ 3. Avanaddha Vadya
- ✘ 4. Ghana Vadya

Q.53 Each of the digits in the number 691478325 is arranged in ascending order from left to right. What will be the sum of the digits that are third from the left and second from the right in the new number thus formed?

Ans
- ✘ 1. 10
- ✘ 2. 9
- ✘ 3. 12
- ✔ 4. 11

Q.54 If α, β and γ are the roots of the equation $6x^3 - 11x^2 + 6x - 1 = 0$, find $\Sigma\alpha^2\beta\gamma$.

Ans
- ✘ 1. $\frac{11}{6}$
- ✔ 2. $\frac{11}{36}$
- ✘ 3. $-\frac{11}{36}$
- ✘ 4. $-\frac{11}{6}$

Q.55 Anti-dumping and anti-subsidies & countervailing measures in India are administered by which Ministry?

Ans
- ✘ 1. Ministry of Home Affairs
- ✘ 2. Ministry of Finance
- ✘ 3. Ministry of External Affairs
- ✔ 4. Ministry of Commerce and Industry

Q.56 Let ABC and DEF be two triangles such that ∠A = ∠D = 40° and AB = DE. What is the condition required to be met such that ABC and DEF are similar triangles?

Ans
- ✘ 1. ∠B = ∠F
- ✘ 2. BC = EF
- ✔ 3. ∠C = ∠F
- ✘ 4. ∠B = ∠D

Q.57 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 8631247, what will be the sum of the digits that are third from the left and first from the right?

Ans
- ✘ 1. 8
- ✘ 2. 9
- ✘ 3. 11
- ✔ 4. 12

Q.58 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XDO BBQ FZS JXU ?

Ans
- ✘ 1. LWX
- ✘ 2. MUX
- ✔ 3. NVW
- ✘ 4. OWV

Q.59 **Which Indian state/Union territory had the highest urbanised population, as per the Census 2011?**

Ans

✗ 1. Goa

✗ 2. Maharashtra

✗ 3. Tamil Nadu

✓ 4. Delhi

Q.60 **7 times the present age of X is 6 years less than 2 times the present age of Y. At present, P is 7 times as old as X, and Y is 6 years younger than Q. If P is 70 years older than Q, then the present age (in years) of Y is:**

Ans

✗ 1. 73

✗ 2. 75

✓ 3. 82

✗ 4. 78

Q.61 **What is the advantage of keeping food in an airtight container?**

Ans

✓ 1. It slows down oxidation.

✗ 2. It enhances the taste of the food.

✗ 3. It promotes anaerobic bacterial growth.

✗ 4. It changes the colour of the food.

Q.62 **The award (decision) made by the Lok Adalats is deemed to be a decree of a civil court and is final and binding on all parties because:**

Ans

✗ 1. An appeal can be filed in the High Court

✗ 2. A review petition can be filed

✓ 3. No appeal is permissible

✗ 4. An appeal can be filed in the Supreme Court

Q.63 **Which of the following countries experienced widespread protests in May 2025 due to the government's decision to dissolve all political parties and extend the presidential term?**

Ans

✗ 1. Niger

✗ 2. Sudan

✓ 3. Mali

✗ 4. Chad

Q.64 **What should come in place of the question mark (?) in the given series based on the English alphabetical order?**
TMP RKN PIL NGJ ?

Ans

✗ 1. LEG

✗ 2. LFH

✗ 3. LFG

✓ 4. LEH

Q.65 **The median of the observations 34, 58, 98, 42, 83, 62, 12, 11, 87, 75 and 15 is:**

Ans

✗ 1. 75

✓ 2. 58

✗ 3. 42

✗ 4. 62

Q.66 The average of eight numbers is 14. The average of five of these numbers is 14. The average of the remaining three numbers is:

Ans
- ✗ 1. 13
- ✗ 2. 16
- ✓ 3. 14
- ✗ 4. 15

Q.67 Find a single discount (rounded up to two decimal places) equal to three consecutive discounts of 3%, 27% and 23%.

Ans
- ✗ 1. 43.03%
- ✗ 2. 45.34%
- ✗ 3. 45.73%
- ✓ 4. 45.48%

Q.68 In a certain code language, 'MUST' is coded as '4268' and 'SALE' is coded as '3527'. What is the code for 'S' in the given code language?

Ans
- ✗ 1. 7
- ✓ 2. 2
- ✗ 3. 3
- ✗ 4. 6

Q.69 Which of the following numbers is divisible by 87?

Ans
- ✓ 1. 7221
- ✗ 2. 7099
- ✗ 3. 6712
- ✗ 4. 7741

Q.70 Which of the following statements about the December 2024 appointments to the National Human Rights Commission (NHRC) is INCORRECT?

Ans
- ✗ 1. Justice (Dr.) Bidyut Ranjan Sarangi joined NHRC as a Member.
- ✗ 2. Justice V Ramasubramanian was appointed as the Chairperson of NHRC.
- ✗ 3. The appointments were made by the President of India in December 2024.
- ✓ 4. Shri Priyank Kanoongo was appointed as the Secretary General of NHRC.

Q.71 Manish ranked 18^{th} from the top and 49^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 65
- ✗ 2. 67
- ✓ 3. 66
- ✗ 4. 64

Q.72 Which Fundamental Right was introduced by the 86^{th} Constitutional Amendment Act of 2002 specifically for children?

Ans
- ✗ 1. Right to free electricity
- ✗ 2. Right to vote
- ✗ 3. Right to travel abroad
- ✓ 4. Right of children to free and compulsory education

Q.73 Where can people of Indian origin living abroad apply for Indian citizenship under Article 8?

Ans
- ✔ 1. Indian Embassy at their country of living
- ✘ 2. State government office
- ✘ 3. Indian Embassy in Delhi only
- ✘ 4. Supreme Court

Q.74 Who among the following has become the 11th Chairman of Securities and Exchange Board of India in February 2025?

Ans
- ✘ 1. Ajay Seth
- ✘ 2. Dr. Mayank Sharma
- ✘ 3. Manan Kumar Mishra
- ✔ 4. Tuhin Kanta Pandey

Q.75 Three numbers are in the ratio 2 : 14 : 3, and their LCM is 4116. Their HCF is:

Ans
- ✔ 1. 98
- ✘ 2. 100
- ✘ 3. 108
- ✘ 4. 95

Q.76 According to the Press Information Bureau, by what percentage did India's Defence Public Sector Undertakings (DPSUs) exports grow in the fiscal year 2024-25 compared to the previous year?

Ans
- ✘ 1. 50.2%
- ✔ 2. 42.85%
- ✘ 3. 25.5%
- ✘ 4. 35.7%

Q.77 In which year did the English East India Company pass a new law that required every new person who took up employment in the Company's army to serve overseas if required?

Ans
- ✘ 1. 1840
- ✘ 2. 1860
- ✘ 3. 1850
- ✔ 4. 1856

Q.78 In January 2025, who became the first Indian to be nominated for Best Director (Motion Picture) at the Golden Globe Awards?

Ans
- ✘ 1. Meghna Gulzar
- ✘ 2. Zoya Akhtar
- ✔ 3. Payal Kapadia
- ✘ 4. Mira Nair

Q.79 Kanchan's salary is ₹12,000 per month. He spends ₹4,000 on house rent and ₹2,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

Ans
- ✔ 1. 66,000
- ✘ 2. 60,000
- ✘ 3. 72,000
- ✘ 4. 54,000

Q.80 P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday. Q has an exam on Friday. Exactly 3 people have an exam between R and T, neither of whom has on exam on Sunday. P has an exam immediately after U. V has an exam immediately before T. Who among the following has an exam on Wednesday?

Ans
- ✗ 1. S
- ✗ 2. R
- ✗ 3. V
- ✓ 4. U

Q.81 The curved surface area of a cylinder is half of its total surface area. If its height is 195 cm, then find its diameter (in cm).

Ans
- ✗ 1. 393
- ✓ 2. 390
- ✗ 3. 383
- ✗ 4. 381

Q.82 QP 15 is related to TR 6 in a certain way. In the same way, KN 8 is related to NP −1. To which of the given options is LO 3 related, following the same logic?

Ans
- ✗ 1. OP −9
- ✗ 2. BH −4
- ✗ 3. YR −7
- ✓ 4. OQ −6

Q.83 A factory produces 15, 20, 25, 10, and 30 units of a gadget over five days. What is the average production (in units) per day?

Ans
- ✗ 1. 18
- ✓ 2. 20
- ✗ 3. 24
- ✗ 4. 22

Q.84 Which Delhi Sultanate ruler was associated with the expedition of Bhilsa (Vidisha) in AD 1292?

Ans
- ✗ 1. Iltutmish
- ✓ 2. Alauddin Khilji
- ✗ 3. Ghazi Malik
- ✗ 4. Ulugh Khan

Q.85 Who among the following was awarded the Grand Collar of the Timor-Leste in August 2024?

Ans
- ✗ 1. Narendra Modi
- ✓ 2. Droupadi Murmu
- ✗ 3. Om Birla
- ✗ 4. Dr. S Jaishankar

Q.86 Who inaugurated 'Srjanam', a biomedical waste conversion system, at AIIMS Delhi in 2025?

Ans
- ✗ 1. NITI Aayog Member
- ✗ 2. Director of AIIMS Delhi
- ✓ 3. Union Minister for Science and Technology
- ✗ 4. Director of CSIR-NIIST

Q.87 Nilgiri Biosphere Reserve spans which of the following groups of Indian states?

Ans
- ✗ 1. Maharashtra, Goa, Karnataka
- ✗ 2. Kerala, Telangana, Tamil Nadu
- ✗ 3. Andhra Pradesh, Tamil Nadu, Kerala
- ✓ 4. Tamil Nadu, Kerala, Karnataka

Q.88 The Ministry of MSMEs in India celebrates the MSME Day on _____.

Ans
- ✗ 1. 7 June
- ✗ 2. 14 April
- ✓ 3. 27 June
- ✗ 4. 30 January

Q.89 Which aspect of life is explored under the theme of akam in Sangam literary works?

Ans
- ✗ 1. Deed
- ✗ 2. Politics
- ✗ 3. War
- ✓ 4. Love

Q.90 The length of a rectangular plot is $(x^2 + xy + y^2)$ m and its breadth is $(x^2 - 5xy - y^2)$ m. Find its perimeter, when $x = 1$ and $y = -1$.

Ans
- ✗ 1. 19 m
- ✗ 2. 17 m
- ✗ 3. 8 m
- ✓ 4. 12 m

Q.91 According to a Morgan Stanley Report, how much is India's infrastructure investment expected to increase as a percentage of GDP by FY29?

Ans
- ✗ 1. 5.3%
- ✗ 2. 7.0%
- ✓ 3. 6.5%
- ✗ 4. 4.5%

Q.92 Refer to the following number and symbol series and answer the question that follows.
Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 3 # 6 5 2 @ 8 * 7 9 1 % 2 8 1 9 3 # 1 £ © 7 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✗ 1. 5
- ✓ 2. 3
- ✗ 3. 4
- ✗ 4. 2

Q.93 The endangered bird species found in the Thar Desert is:

Ans
- ✗ 1. Pelican
- ✗ 2. Hornbill
- ✗ 3. Flamingo
- ✓ 4. Great Indian Bustard

Q.94 In a certain code language, 'MEAN' is coded as '6248' and 'AIDS' is coded as '5721'. What is the code for 'A' in the given code language?

Ans

✗ 1. 5

✗ 2. 7

✗ 3. 4

✓ 4. 2

Q.95 The ratio between the perimeter and breadth of a rectangle is 3 : 1. If the area of the rectangle is 98 cm^2, find the perimeter (in cm) of the rectangle.

Ans

✗ 1. 38

✗ 2. 50

✓ 3. 42

✗ 4. 47

Q.96 In February 2025, which international organisation signed a strategic partnership with the African Union to boost vaccine manufacturing on the continent?

Ans

✗ 1. World Health Organization

✗ 2. International Monetary Fund

✓ 3. GAVI – The Vaccine Alliance

✗ 4. World Bank

Q.97 12 is related to 4 following a certain logic. Following the same logic, 24 is related to 8. To which of the following is 60 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans

✗ 1. 30

✗ 2. 15

✗ 3. 25

✓ 4. 20

Q.98 The mention of DNA as a long polymer of deoxyribonucleotides implies which structural characteristic?

Ans

✓ 1. It is composed of a sugar-phosphate backbone and nitrogenous bases.

✗ 2. Each nucleotide is linked by hydrogen bonds in a parallel fashion.

✗ 3. The sequence is circular and self-replicating.

✗ 4. The molecule consists of multiple independent short chains.

Q.99 M is inversely proportional to N. If M is 18, then N is 21. If N = 27, then what is the value of M?

Ans

✓ 1. 14

✗ 2. 12

✗ 3. 13

✗ 4. 16

Q.100 Akash sold an article at a loss of 21%. If he had bought the item at 8% less and had sold it for ₹198 more, then he would have gained 5%. Find the cost price (in ₹) of the article.

Ans

✗ 1. 1,419

✗ 2. 686

✓ 3. 1,125

✗ 4. 685

Test Date	16/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **The Battle of Kalinga was fought in which year after Ashoka embraced Buddhism?**

Ans
✗ 1. 240 BCE
✓ 2. 261 BCE
✗ 3. 273 BCE
✗ 4. 250 BCE

Q.2 **If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?**

19 B 4 D 7 B 8 C 32 D 11 B 2 = ?

Ans
✗ 1. 48
✗ 2. 22
✓ 3. 30
✗ 4. 16

Q.3 **Shanu walks to his office 5 km away from home. In the morning, he covers the distance in 1 hour whereas, while returning home in the evening, he takes 30 more minutes to cover the same distance. Find his average speed (in km/hr) during the two-way journey.**

Ans
✗ 1. 5
✗ 2. 4.5
✗ 3. 5.5
✓ 4. 4

Q.4 **A seller marks their goods 28% above the cost price. On customer demand, they offer a 25% reduction on the bills. What percentage of profit or loss does the seller make?**

Ans
✗ 1. 7% loss
✗ 2. 6% loss
✓ 3. 4% loss
✗ 4. 1% profit

Q.5 **In a certain code language, 'ROME' is coded as '7245' and 'TURN' is coded as '5689'. What is the code for 'R' in the given code language?**

Ans
✗ 1. 9
✓ 2. 5
✗ 3. 2
✗ 4. 7

Q.6 In MS PowerPoint, which of the following keys must be pressed to start a new line while typing inside a text box?

Ans
- ✗ 1. Tab
- ✓ 2. Enter
- ✗ 3. Shift
- ✗ 4. Spacebar

Q.7 AB is a chord in the minor segment of a circle of centre Q. P is a point on the major arc AB. The tangents drawn from external point D to the circle are AD and BD. If $\angle APB = 39^\circ$, then find the measure of $\angle ADB$.

Ans
- ✗ 1. 108°
- ✗ 2. 98°
- ✓ 3. 102°
- ✗ 4. 89°

Q.8 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

CX-GB-KF
GB-KF-OJ

Ans
- ✗ 1. PK-TO-WS
- ✓ 2. WR-AV-EZ
- ✗ 3. LG-PK-SO
- ✗ 4. FA-JE-NJ

Q.9 On simple interest, a certain sum of money amounts to ₹1,300 in 2 years and to ₹2,100 in 4 years. Find the rate of interest per annum.

Ans
- ✓ 1. 80%
- ✗ 2. 75%
- ✗ 3. 90%
- ✗ 4. 85%

Q.10 After which battle did Ashoka embrace Buddhism?

Ans
- ✗ 1. Battle of Takshashila
- ✗ 2. Battle of Panipat
- ✓ 3. Battle of Kalinga
- ✗ 4. Battle of Taxila

Q.11 What is the Forty-Second Amendment of the Indian Constitution commonly known as?

Ans
- ✓ 1. Mini-Constitution
- ✗ 2. Major Bill
- ✗ 3. Mini-Parliament
- ✗ 4. Constitutional Guide

Q.12 Sachin bought 51 books at ₹1,120 per book from one shop and 49 books at ₹905 per book from another. What is the average price (in ₹) he paid per book?

Ans
- ✗ 1. 1,024.65
- ✓ 2. 1,014.65
- ✗ 3. 1,029.65
- ✗ 4. 1,004.65

Q.13 **Afferent neurons in the peripheral nervous system are responsible for which of the following?**

Ans

✗ 1. Conveying motor commands from the brain to muscles

✗ 2. Integrating reflex responses at the spinal cord level only

✗ 3. Facilitating secretion of neurotransmitters exclusively

✓ 4. Transmitting sensory information from receptors to the central nervous system

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Q.14 The sum of the square of two positive numbers a and b (where a > b) is 7 times of their product. Find the difference between their squares.

Ans

✗ 1. $\sqrt{15ab}$

✗ 2. $5\sqrt{3ab}$

✓ 3. $3\sqrt{5ab}$

✗ 4. $5\sqrt{3ab}$

Q.15 **The cost of 4 pens and 3 notebooks is ₹277. The cost of 16 notebooks exceeds the cost of 12 pens by ₹144. What is the cost of 19 pens and 15 notebooks?**

Ans

✗ 1. ₹1,342

✗ 2. ₹1,347

✗ 3. ₹1,348

✓ 4. ₹1,345

Q.16 **The selling price of 34 books is equal to the cost price of 17 books. Find the loss or gain percentage.**

Ans

✓ 1. 50% loss

✗ 2. $\frac{100}{17}\%$ gain

✗ 3. 50% gain

✗ 4. $\frac{100}{17}\%$ loss

Q.17 **A man covers distances of 1980 km, 1306 km, and 540 km at the speed of 12 km/hr, x km/hr, and 36 km/hr, respectively. If his average speed for the whole journey is 14 km/hr, then what is the value of x?**

Ans

✗ 1. 19

✗ 2. 13

✗ 3. 10

✓ 4. 14

Q.18 **Where did Anahat Singh win the women's squash title in 2025?**

Ans

✓ 1. Indian Open 2025 PSA Copper event in Mumbai

✗ 2. Chennai International Squash Tournament

✗ 3. Indian Open 2025 PSA Gold event in Delhi

✗ 4. SRFI Indian Tour PSA Challenger tournament in Chennai

Q.19 **Pankaj, Meera, and Ashok invest ₹41,000, ₹39,000, and ₹84,000 respectively to start a business. At the end of the year, the total profit earned is ₹49,200. 29% of the total profit earned is given to charity and the rest is divided among them in the ratio of their investments. What will be the share of Ashok (in ₹)?**

Ans

✗ 1. 17,754

✗ 2. 17,670

✗ 3. 18,168

✓ 4. 17,892

Q.20 Where will the World Health Summit Regional Meeting 2025 take place from 25–27 April 2025?

Ans
- ✗ 1. Hyderabad
- ✗ 2. Bengaluru
- ✓ 3. New Delhi
- ✗ 4. Mumbai

Q.21 In a certain code language, 'ROPE' is coded as '5391' and 'OILY' is coded as '2458'. What is the code for 'O' in the given code language?

Ans
- ✗ 1. 8
- ✓ 2. 5
- ✗ 3. 3
- ✗ 4. 2

Q.22 The number of diagonals in a regular octagon is:

Ans
- ✓ 1. 20
- ✗ 2. 19
- ✗ 3. 21
- ✗ 4. 24

Q.23 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LIN :: DAF : %

Ans
- ✗ 1. # = PBG, % = DER
- ✗ 2. # = PLQ, % = MHU
- ✓ 3. # = OLQ, % = AXC
- ✗ 4. # = POQ, % = ALK

Q.24 Find a single discount (rounded up to two decimal places) equal to three consecutive discounts of 13%, 20% and 4%.

Ans
- ✗ 1. 36.92%
- ✗ 2. 33.67%
- ✓ 3. 33.18%
- ✗ 4. 31.96%

Q.25 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. B sits third to the left of T. R sits second to the left of S. Only T sits between A and R. C is not an immediate neighbour of B. How many people sit between D and R when counted from the right of D?

Ans
- ✗ 1. Three
- ✗ 2. Four
- ✗ 3. One
- ✓ 4. Two

Q.26 In 2024, the Government of India replaced the Indian Telegraph Act, 1885 by enacting a new law to modernise the telecom sector. What is the name of this new legislation?

Ans
- ✗ 1. Digital Communication Reform Act, 2024
- ✓ 2. The Telecommunication Act, 2023
- ✗ 3. Information Infrastructure Modernization Act, 2024
- ✗ 4. Bharat Telecom Services Act, 2023

Q.27 Two taps can fill a cistern in 4 hours and 32 hours, respectively. A third tap can empty it in 4 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

Ans
- ✗ 1. 16
- ✗ 2. 32
- ✓ 3. 8
- ✗ 4. 24

Q.28 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6753412, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✗ 1. 11
- ✓ 2. 10
- ✗ 3. 9
- ✗ 4. 8

Q.29 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. BU – GK
- ✗ 2. YR – DH
- ✓ 3. TN – YC
- ✗ 4. MF – RV

Q.30 If '+' means 'subtraction', '−' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

96 × 6 − 8 ÷ 71 + 26 = ?

Ans
- ✗ 1. 181
- ✗ 2. 194
- ✓ 3. 173
- ✗ 4. 186

Q.31 Which of the following acts reduced the number of directors of East India Company?

Ans
- ✗ 1. Charter Act of 1793
- ✗ 2. Charter Act of 1833
- ✗ 3. Charter Act of 1813
- ✓ 4. Charter Act of 1853

Q.32 Which of the following states is landlocked and does not touch any international boundary?

Ans
- ✗ 1. Rajasthan
- ✗ 2. Assam
- ✓ 3. Chhattisgarh
- ✗ 4. Uttar Pradesh

Q.33 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All cats are owls.
Some owls are rats.
No rat is bat.

Conclusions:
(I) Some rats are cats.
(II) Some bats can be cats.

Ans
✗ 1. Only conclusion (I) follows
✗ 2. Neither conclusion (I) nor conclusion (II) follows
✓ 3. Only conclusion (II) follows
✗ 4. Both conclusions (I) and (II) follow

Q.34 The shorter side of a rectangle is 15 cm less than the longer side. The numerical value of its area is equal to 5 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

Ans
✓ 1. 30
✗ 2. 27
✗ 3. 34
✗ 4. 38

Q.35 According to the Supreme Court ruling in 'The State of Madhya Pradesh vs Balveer Singh' (24 February 2025) case, which of the following statements is correct regarding 'child witnesses'?

Ans
✓ 1. A child's evidence is admissible if found voluntary, reliable and untutored.
✗ 2. The Evidence Act mandates a minimum age for a person to be a witness in court.
✗ 3. The testimony of a child witness is inadmissible unless corroborated by an adult.
✗ 4. Courts must reject a child's testimony if there is any minor inconsistency.

Q.36 The median of the observations 31, 40, 74, 47, 14, 44, 46, 29, 36, 97 and 87 is:

Ans
✗ 1. 47
✗ 2. 40
✓ 3. 44
✗ 4. 46

Q.37 In March 2025, the theme of the 54th National Safety Week focused on which of the following?

Ans
✗ 1. Safety at Every Step
✗ 2. Workers First, Safety Always
✓ 3. Safety & Well-being Crucial for Viksit Bharat
✗ 4. Building Safer Factories

Q.38 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : DTF :: URQ : %

Ans
✗ 1. # = DTU, % = VWP
✗ 2. # = DSG, % = VWM
✓ 3. # = CQG, % = VUP
✗ 4. # = CPH, % = UPN

Q.39 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
UNP SLN QJL OHJ ?

Ans
✗ 1. MEH
✓ 2. MFH
✗ 3. MFG
✗ 4. MEG

Q.40 Which of the following classical dance forms' music belongs to the Carnatic system?

Ans
✗ 1. Kathak
✓ 2. Kuchipudi
✗ 3. Odissi
✗ 4. Chhau

Q.41 Which landmark case first established the principle of judicial review in constitutional law?

Ans
✗ 1. McCulloch v. Maryland (1819)
✓ 2. Marbury v. Madison (1803)
✗ 3. Minerva Mills Case (1980)
✗ 4. Kesavananda Bharati Case (1973)

Q.42 In the 'Suresh v. State Rep. by Inspector of Police case (March 2025)', what did the Supreme Court rule regarding 'dying declarations'?

Ans
✓ 1. Suspicious dying declarations require corroborative evidence.
✗ 2. Dying declarations are sacrosanct and do not require any supporting evidence.
✗ 3. Dying declarations are inadmissible in court.
✗ 4. Dying declarations are always reliable.

Q.43 What should come in place of the question mark (?) in the given series?

273 224 180 141 107 ?

Ans
✗ 1. 73
✓ 2. 78
✗ 3. 61
✗ 4. 90

Q.44 Which of the following documents are NOT required under CAA 2019 to apply for Indian citizenship?

Ans
✗ 1. Aadhaar Card
✗ 2. Voter ID
✗ 3. Passport and Visa
✓ 4. Birth Certificate

Q.45 Anant Nag received the Padma Bhushan in 2025 for his work in which of the following fields?

Ans
✓ 1. Art
✗ 2. Literature
✗ 3. Public Affairs
✗ 4. Journalism

Q.46 Amit had invested same amount of sums at simple as well as compound interest, compounded annually. The time period of investment for both the sums was 2 years and rate of interest too was the same, 4% per annum. At the end, he found a difference of ₹43 in both the interests received. What were the sums (in ₹) invested?

Ans

✗ 1. ₹25,975

✗ 2. ₹27,225

✗ 3. ₹26,125

✓ 4. ₹26,875

Q.47 If the median of a data is 80.32 less than its mode, then the median of the data exceeds its mean by _____. (Use empirical formula)

Ans

✗ 1. 38.87

✗ 2. 36.56

✓ 3. 40.16

✗ 4. 44.61

Q.48 The diameter of the base and slant height of a right circular cone are 30 cm and 113 cm, respectively. Find the volume (in cm^3) of the given cone.

$(\text{Use } \pi = \frac{22}{7})$

Ans

✗ 1. 26,360

✗ 2. 26,375

✓ 3. 26,400

✗ 4. 26,435

Q.49 What type of combustion occurs when we bring a burning matchstick near a gas stove in the kitchen and turn on the knob of the gas stove?

Ans

✗ 1. Delayed combustion

✓ 2. Rapid combustion

✗ 3. Slow combustion

✗ 4. Spontaneous combustion

Q.50 Which keyboard shortcut opens the Windows 11 OS Settings menu to change system settings?

Ans

✗ 1. Ctrl + Shift + Esc

✗ 2. Alt + Tab

✓ 3. Windows Key +I

✗ 4. Windows Key +S

Q.51 Banking reforms were part of the 1991 economic reforms. Which of the following committees recommended banking sector liberalisation in 1991?

Ans

✗ 1. Kelkar Committee

✓ 2. Narasimham Committee

✗ 3. Suresh Tendulkar Committee

✗ 4. Rangarajan Committee

Q.52 Income of Amit in 2019 was ₹22,000. He gets an increment of 10% every year. What was his income (in ₹) in 2021?

Ans

✗ 1. 22,000

✗ 2. 26,400

✗ 3. 24,200

✓ 4. 26,620

Q.53 What is the significance of the 'root directory' in a hierarchical file system structure?

Ans
- ✗ 1. It is a temporary directory used by the operating system for caching frequently accessed files.
- ✗ 2. It is a special directory that contains essential operating system kernel files.
- ✗ 3. It is the directory where all user-specific files are stored.
- ✓ 4. It is the topmost directory in the file system hierarchy, from which all other directories branch.

Q.54 Which of the following best reflects the change in sector importance in India over time?

Ans
- ✗ 1. Tertiary → Secondary → Primary
- ✗ 2. Secondary → Primary → Tertiary
- ✗ 3. Tertiary → Primary → Secondary
- ✓ 4. Primary → Secondary → Tertiary

Q.55 What is a good way to keep your files organized on a computer?

Ans
- ✓ 1. Use separate folders for different types of files
- ✗ 2. Change file names every day
- ✗ 3. Remove folders regularly
- ✗ 4. Store everything in a single folder

Q.56 A, B, C, D, E, F and G are sitting around a circular table facing the centre. A sits third to the right of F. C sits second to the left of G. G is not an immediate neighbour of F. D sits to the immediate right of E. What is the position of C with respect to A?

Ans
- ✗ 1. To the immediate right
- ✗ 2. Second to the left
- ✗ 3. Third to the left
- ✓ 4. To the immediate left

Q.57 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DJP GMS JPV MSY ?

Ans
- ✓ 1. PVB
- ✗ 2. PBV
- ✗ 3. BPV
- ✗ 4. BVP

Q.58 Which of the following is NOT a part of the Peninsular Plateau's major divisions?

Ans
- ✗ 1. Central Highlands
- ✗ 2. Deccan Plateau
- ✓ 3. Purvanchal Hills
- ✗ 4. Northeastern Plateau

Q.59 Which of the following is NOT a change of the new Income Tax bill introduced in the Parliament during February 2025?

Ans
- ✓ 1. Deletion of existing taxation principles, without ensuring continuity and usability
- ✗ 2. Removal of redundant and repetitive provisions for better navigation
- ✗ 3. Elimination of intricate language to enhance readability
- ✗ 4. Reorganisation of sections logically to facilitate ease of reference

Q.60 Which organisation warned that the global economic growth could slow to 2.3% in 2025 due to trade tensions?

Ans

✗ 1. IMF

✓ 2. UNCTAD

✗ 3. World Bank

✗ 4. OECD

Q.61 If a : b :: b : c; c = 4a and b = 10, find the positive value of c.

Ans

✗ 1. 21

✓ 2. 20

✗ 3. 24

✗ 4. 25

Q.62 A water tank can be filled in 40 minutes by using 43 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 9 pipes of the same capacity as above?

Ans

✓ 1. 191.11

✗ 2. 196.95

✗ 3. 200.02

✗ 4. 189.13

Q.63 The ratio of 76 hours to 7 days is:

Ans

✗ 1. 76 : 7

✓ 2. 19 : 42

✗ 3. 22 : 43

✗ 4. 21 : 48

Q.64 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has an exam on Tuesday. Exactly 2 people have an exam between V and P. S has an exam immediately before T, and Q has an exam immediately after R. Only 1 person has an exam between T and R
How many people have an exam before S?

Ans

✗ 1. 1

✗ 2. 3

✗ 3. 4

✓ 4. 2

Q.65 SS 14 is related to WP −4 in a certain way. In the same way, CE 10 is related to GB −8. To which of the given options is QG 1 related, following the same logic?

Ans

✗ 1. NR −23

✓ 2. UD −17

✗ 3. IJ −21

✗ 4. UM −19

Q.66 Find the value of $\sqrt{212+\sqrt{139+\sqrt{900}}}$.

Ans

✗ 1. 25

✓ 2. 15

✗ 3. 20

✗ 4. 12

Q.67 This question is based on the five, three-digit numbers given below.

(Left) 951 474 717 497 127 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

Ans
- ✗ 1. −1
- ✗ 2. −3
- ✗ 3. 1
- ✓ 4. −2

Q.68 Shivam's salary is ₹12,000 per month. He spends ₹4,000 on house rent and ₹1,500 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

Ans
- ✗ 1. 58,500
- ✗ 2. 78,000
- ✓ 3. 71,500
- ✗ 4. 65,000

Q.69 In which year did Mendeleev publish the periodic table?

Ans
- ✓ 1. 1869
- ✗ 2. 1894
- ✗ 3. 1903
- ✗ 4. 1948

Q.70 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5214637, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. Four
- ✗ 2. Three
- ✓ 3. Two
- ✗ 4. One

Q.71 A tower stands vertically on the ground. From a point on the ground which is 27.6 m away from the foot of the tower, the angle of elevation of the top of the tower is found to be 45°. Find the height of the tower.

Ans
- ✗ 1. 28.6 m
- ✓ 2. 27.6 m
- ✗ 3. 29.6 m
- ✗ 4. 26.6 m

Q.72 A quadratic equation $x^2 + 3x + k = 0$ has a discriminant equal to 9. What is the value of k?

Ans
- ✗ 1. −1
- ✗ 2. 1
- ✗ 3. 2
- ✓ 4. 0

Q.73 Which of the following is considered an offense under the co-operative society laws?

Ans
- ✓ 1. Giving false information
- ✗ 2. Skipping the presidential election
- ✗ 3. Holding weekly meetings
- ✗ 4. Submitting correct returns

Q.74 In April 2025, the DRDO and the Indian Army successfully conducted four flight-tests of which missile system from Dr APJ Abdul Kalam Island?

Ans
- ✗ 1. BrahMos
- ✓ 2. Medium-Range Surface-to-Air Missile (MRSAM)
- ✗ 3. Nag
- ✗ 4. Akash

Q.75 Which of the following folk music forms is based on the tales of Mahabharata?

Ans
- ✗ 1. Bhagawati
- ✓ 2. Pandavani
- ✗ 3. Powada
- ✗ 4. Alha

Q.76 F is the brother of G. G is the husband of H. H is the daughter of I. I is the husband of J. How is F related to J?

Ans
- ✗ 1. Husband's father
- ✗ 2. Daughter's husband's father
- ✗ 3. Husband's brother
- ✓ 4. Daughter's husband's brother

Q.77 The Alipore Bomb Case of 1908 is associated with which Indian revolutionary?

Ans
- ✗ 1. Bhagat Singh
- ✗ 2. Jatin Das
- ✓ 3. Aurobindo Ghosh
- ✗ 4. Khudiram Bose

Q.78 Three numbers are in the ratio 1 : 9 : 7, and their LCM is 6930. Their HCF is:

Ans
- ✗ 1. 116
- ✓ 2. 110
- ✗ 3. 101
- ✗ 4. 109

Q.79 Sachdev starts from Point A and drives 11 km towards West. He then takes a right turn, drives 9 km, turns right and drives 13 km. He then takes a right turn and drives 14 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)

Ans
- ✗ 1. 6 km to the north
- ✓ 2. 5 km to the north
- ✗ 3. 4 km to the north
- ✗ 4. 7 km to the north

Q.80 According to the Economic Survey 2022-23 (data of 2021), what percentage of India's population resides in rural areas?

Ans
- ✗ 1. 70%
- ✗ 2. 55%
- ✓ 3. 60%
- ✗ 4. 65%

Q.81 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(15, −6, 3)
(43, 582, 25)

Ans
✗ 1. (31, 327, 19)
✗ 2. (50, 47, 10)
✗ 3. (19, 234, 16)
✓ 4. (45, 99, 12)

Q.82 What was the main demand of the Home Rule Movement?

Ans
✗ 1. Abolition of taxes
✗ 2. Full independence from British rule
✗ 3. Ban on all western education in India
✓ 4. Self-governance within the British Empire

Q.83 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) # © 2 @ @ * 1 1 $ & € 1 £ 2 # 3 1 7 7 6 3 € (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
✗ 1. 1
✗ 2. 3
✓ 3. 2
✗ 4. 4

Q.84 Who founded the Prarthana Samaj?

Ans
✗ 1. Gopal Hari Deshmukh
✓ 2. Atmaram Pandurang
✗ 3. Narayan Mahadev Permanand
✗ 4. Vishnushastri Pandit

Q.85 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only five people have exams between T and Q. U has an exam on Thursday. S has an exam immediately after Q. R has an exam immediately after P. How many people have exams between V and T?

Ans
✗ 1. Two
✗ 2. Four
✗ 3. Five
✓ 4. Three

Q.86 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✓ 1. HE – NF
✗ 2. FC – KD
✗ 3. KH – PI
✗ 4. QN – VO

Q.87 This question is based on the five, three-digit numbers given below.

(Left) 917 782 549 557 539 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

Ans

✗ 1. 13

✗ 2. 11

✓ 3. 12

✗ 4. 15

Q.88 P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday. Q has an exam on Wednesday. Exactly 4 people have an exam between T and U, neither of whom has an exam on Monday. R has an exam immediately before S and V has an exam immediately after S. P has an exam immediately before T. How many people have an exam between P and R?

Ans

✓ 1. 2

✗ 2. 4

✗ 3. 1

✗ 4. 3

Q.89 The equivalent fraction of 1.222... is:

Ans

✓ 1. $\frac{11}{9}$

✗ 2. $\frac{7}{18}$

✗ 3. $\frac{10}{11}$

✗ 4. $\frac{5}{2}$

Q.90 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	6	%	8	5	$	&	3	@	#	7	+	4	9	6
Code	S	E	A	J	L	F	W	Q	D	P	R	B	U	T

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
What will be the code for the following group?

@ 4 8 5

Ans

✓ 1. JBAQ

✗ 2. QBAJ

✗ 3. QAAJ

✗ 4. QBBJ

Q.91 **Where is Rohtang Pass located?**

Ans
- ✗ 1. On the Dhauladhar range, near Dharamshala
- ✓ 2. On the eastern Pir Panjal range, near Manali
- ✗ 3. On the Zanskar range, near Kargil
- ✗ 4. On the Shiwalik hills, near Dehradun

Q.92 **Which of the following banks has reported a significant rise in its net short position in the forward book, which expanded to $77.5 billion by the end of January 2025, up from $67.9 billion in December 2024?**

Ans
- ✗ 1. Bank of India
- ✓ 2. Reserve Bank of India
- ✗ 3. State Bank of India
- ✗ 4. Indian Bank

Q.93 **A runner covers 5 km, 8 km, 6 km, 7 km, and 9 km in five races. What is the average distance covered per race?**

Ans
- ✗ 1. 6 km
- ✗ 2. 8 km
- ✓ 3. 7 km
- ✗ 4. 5 km

Q.94 **What happens if you delete a file from a USB flash drive in Windows OS?**

Ans
- ✗ 1. It is compressed to save space.
- ✓ 2. It is permanently deleted immediately.
- ✗ 3. It goes to the Recycle Bin.
- ✗ 4. It becomes a hidden file.

Q.95 **Which major tourism fair was held in Berlin from 4 to 6 March 2025?**

Ans
- ✓ 1. ITB Berlin
- ✗ 2. European Travel Market
- ✗ 3. World Tourism Forum
- ✗ 4. Berlin Travel Expo

Q.96 **Post 1991 economic reforms, India engaged more actively in global trade agreements. Which organisation did India join in 1995 to boost global trade integration?**

Ans
- ✗ 1. World Bank
- ✗ 2. UNDP
- ✓ 3. WTO
- ✗ 4. IMF

Q.97 **The value of 891 × 909 is:**

Ans
- ✓ 1. 809919
- ✗ 2. 811232
- ✗ 3. 809126
- ✗ 4. 811716

Q.98 **What should come in place of the question mark (?) in the given series?**

852 850 846 840 832 ?

Ans
- ✗ 1. 826
- ✗ 2. 824
- ✓ 3. 822
- ✗ 4. 820

Q.99 **Manav starts from point A and drives 10 km towards the east. He then takes a right turn, drives 9 km, turns right and drives 12 km. He then takes a right turn and drives 13 km. He takes a final right turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)**

Ans

✔ 1. 4 km to the south

✘ 2. 3 km to the south

✘ 3. 3 km to the north

✘ 4. 4 km to the north

Q.100 **What is the name of the point where India, China and Myanmar meet?**

Ans

✘ 1. Tri-Junction Pass

✔ 2. Diphu Pass

✘ 3. Kibithu

✘ 4. Anjaw Point

Test Date	16/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **The Digital India initiative, launched in 2015, marked a significant step in India's post-reform development trajectory. Which of the following is NOT a pillar of the Digital India initiative?**

Ans
✗ 1. Governance and Services on Demand
✓ 2. Privatisation of Internet Services
✗ 3. Digital Infrastructure as a Utility to Every Citizen
✗ 4. Digital Empowerment of Citizens

Q.2 **Which Constitutional provision directs the State to ensure that justice is not denied to any citizen due to economic or other disabilities?**

Ans
✗ 1. Article 32
✓ 2. Article 39A
✗ 3. Article 21
✗ 4. Article 14

Q.3 **In a certain code language, 'BEST' is coded as '4568' and 'STAB' is coded as '8965'. What is the code for 'A' in the given code language?**

Ans
✗ 1. 6
✗ 2. 5
✓ 3. 9
✗ 4. 8

Q.4 **What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged, and '×' and '÷' are interchanged?**

34 + 43 − 17 ÷ 121 × 11 = ?

Ans
✗ 1. 181
✗ 2. 164
✗ 3. 156
✓ 4. 178

Q.5 **In which year did the Government of India introduce Securities Transaction Tax (STT) to reduce the complexities involved in the taxation of securities transactions, promote fair trading, and prevent market manipulation?**

Ans
✗ 1. 2010
✗ 2. 2000
✓ 3. 2004
✗ 4. 2015

Q.6 **Considering the fundamental operations of a computer, what is the immediate effect of pressing the Tab key within a command-line interface (CLI) or terminal?**

Ans

✗ 1. It executes the currently typed command.

✗ 2. It switches to a different virtual terminal or console.

✓ 3. It attempts to auto-complete the currently typed command or filename.

✗ 4. It deletes the last typed character.

Q.7 **A train P going at the speed of 58 km/hr completely passes train Q of length 238 m, going in the same direction on parallel tracks, at 27 km/hr, in 7.5 minutes. How much time (in seconds) will P take to cross completely train R of length 123 m, going at 38 km/hr in the opposite direction?**

Ans

✗ 1. 161

✗ 2. 132

✓ 3. 141

✗ 4. 134

Q.8 **Which of the following statements about the National Mission on Natural Farming (NMNF), launched in 2024, is/are correct?**
NMNF aims to reach 1 crore farmers and cover 7.5 lakh ha.
Model Demonstration Farms will be set up only at Agricultural Universities.
Natural Farming practices aim to reduce dependency on externally purchased inputs.
It is a Central Sector Scheme under the Ministry of Agriculture and Farmers' Welfare.

Ans

✗ 1. Only 2 and 3

✗ 2. Only 1

✗ 3. 1, 2, 3 and 4

✓ 4. Only 1 and 3

Q.9 **What was the breakdown of India's medals in the Special Olympics World Winter Games 2025?**

Ans

✗ 1. 10 gold, 15 silver, 8 bronze

✓ 2. 8 gold, 18 silver, 7 bronze

✗ 3. 15 gold, 10 silver, 8 bronze

✗ 4. 12 gold, 10 silver, 11 bronze

Q.10 Chetan travels from City A to City B. If Chetan drives his car at $\frac{2}{3}$ of his normal speed, then he reaches City B 46 minutes late.

Find the time (in minutes) that Chetan would have taken to travel from City A to City B if he drove at his normal speed.

Ans

✓ 1. 92

✗ 2. 82

✗ 3. 85

✗ 4. 99

Q.11 **Which of the following tribal uprising leaders was/were NOT executed during the revolt but deported to another country?**

Ans

✗ 1. Tilka Manjhi

✗ 2. Nilamber and Pitamber

✓ 3. Tirot Sing

✗ 4. Sidhu and Kanhu Murmu

Q.12 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : MRN :: HMI : %

Ans

✗ 1. # = JIQ, % = FDJ

✗ 2. # = KLJ, % = KHI

✗ 3. # = LPR, % = JHG

✓ 4. # = PUQ, % = EJF

Q.13 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

GB-IE-LN
KF-MI-PR

Ans

✗ 1. PJ-QM-TU

✓ 2. OJ-QM-TV

✗ 3. OJ-QM-TU

✗ 4. PJ-QN-TU

Q.14 A shop earns ₹500, ₹600, ₹450, ₹550, and ₹400 over five days. What is the average earning per day?

Ans

✓ 1. ₹500

✗ 2. ₹480

✗ 3. ₹520

✗ 4. ₹460

Q.15 Two numbers are respectively 47% and 25% more than a third number. The ratio of the two numbers is:

Ans

✗ 1. 161 : 137

✗ 2. 155 : 132

✗ 3. 149 : 124

✓ 4. 147 : 125

Q.16 Barun starts from Point A and drives 8 km towards West. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)

Ans

✗ 1. 3 km to the south

✗ 2. 5 km to the south

✓ 3. 4 km to the south

✗ 4. 2 km to the south

Q.17 Karuna, Jyoti, Shiv, Ram, Puran, Om and Luv are sitting around a circular table, facing the centre. Shiv sits third to the left of Luv. Karuna sits second to the left of Shiv. Jyoti sits third to the right of Puran. Ram sits second to the right of Jyoti. Ram is not an immediate neighbour of Shiv. Who sits to the immediate left of Ram?

Ans

✓ 1. Luv

✗ 2. Karuna

✗ 3. Om

✗ 4. Puran

Q.18 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

13 - 26 - 30 - 60; 5 - 10 - 14 - 28

Ans

✗ 1. 3 - 6 - 10 - 30

✗ 2. 7 - 14 - 18 - 22

✓ 3. 10 - 20 - 24 - 48

✗ 4. 2 - 4 - 8 - 12

Q.19 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All lions are tigers.
Some tigers are leopard.
No leopard is giraffe.

Conclusions:
(I) Some leopards are lions.
(II) Some giraffe can be tigers.

Ans

✗ 1. Both conclusions (I) and (II) follow

✗ 2. Only conclusion (I) follows

✗ 3. Either conclusion (I) or conclusion (II) follows

✓ 4. Only conclusion (II) follows

Q.20 Nirbhay can complete a piece of work alone in 19 days and Vismay can complete the same piece of work alone in 6 days. They started the work together, but Nirbhay had to leave 4 days before the completion of the work. In how many days will the work get completed?

Ans

✓ 1. $5\frac{13}{25}\ days$

✗ 2. $5\frac{6}{25}\ days$

✗ 3. $5\frac{8}{25}\ days$

✗ 4. $5\frac{24}{25}\ days$

Q.21 Amit bought 51 books at ₹1,120 per book from one shop and 49 books at ₹900 per book from another. What is the average price (in ₹) he paid per book?

Ans

✗ 1. 1,022.2

✗ 2. 1,027.2

✓ 3. 1,012.2

✗ 4. 1,002.2

Q.22 Three numbers are in the ratio $\frac{4}{14} : \frac{7}{14} : \frac{16}{15}$. The difference between the largest and the smallest number is 41. Find the largest number.

Ans
- ✗ 1. 54
- ✗ 2. 58
- ✓ 3. 56
- ✗ 4. 55

Q.23 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has an exam on Thursday. Exactly 4 people have their exams between U and Q, neither of whom has an exam on Sunday. T has an exam immediately before S. R does not have an exam on Friday. U does not have an exam after S. How many people have exams after Q?

Ans
- ✗ 1. 3
- ✓ 2. 1
- ✗ 3. 4
- ✗ 4. 2

Q.24 The cost of 3 pens and 12 notebooks is ₹195. The cost of 7 notebooks exceeds the cost of 4 pens by ₹39. What is the cost of 12 pens and 6 notebooks?

Ans
- ✗ 1. ₹237
- ✗ 2. ₹229
- ✓ 3. ₹234
- ✗ 4. ₹236

Q.25 This question is based on the five, three-digit numbers given below.

(Left) 190 735 494 761 781 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

Ans
- ✗ 1. 0
- ✗ 2. 4
- ✗ 3. 2
- ✓ 4. 1

Q.26 The Eastern Peripheral Expressway is built to decongest traffic in _____.

Ans
- ✓ 1. Delhi
- ✗ 2. Chennai
- ✗ 3. Mumbai
- ✗ 4. Bengaluru

Q.27 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

SM13 QK25 OI37 MG49 ?

Ans
- ✗ 1. KF62
- ✗ 2. KE62
- ✓ 3. KE61
- ✗ 4. KF61

Q.28 According to the Ministry of Tribal Affairs, how many Scheduled Tribes are notified under Article 342 of the Constitution of India as of December 2022?

Ans
- ✗ 1. Over 430
- ✗ 2. Over 630
- ✗ 3. Over 530
- ✓ 4. Over 730

Q.29 Which of the following materials has been mainly used for building the Jahangiri Mahal in Agra Fort?

Ans
- ✗ 1. Ceramic
- ✗ 2. White marble
- ✓ 3. Red sandstone
- ✗ 4. Concrete

Q.30 During the third leg of Navika Sagar Parikrama II, which significant milestone did INSV Tarini achieve in January 2025?

Ans
- ✗ 1. Docked at Port Stanley for the first time
- ✗ 2. Crossed the International Date Line
- ✓ 3. Crossed Point Nemo, the Oceanic Pole of Inaccessibility
- ✗ 4. Completed a full circumnavigation of Antarctica

Q.31 Which of the following actions is performed when the Ctrl + V shortcut is used in most computer applications?

Ans
- ✗ 1. Opens the Find dialog box
- ✗ 2. Saves the current document
- ✗ 3. Opens the new file creation dialog box
- ✓ 4. Paste the copied or cut content

Q.32 Who among the following received the Padma Bhushan posthumously in 2025 for his contribution to music?

Ans
- ✗ 1. Sharda Sinha
- ✗ 2. Lakshminarayana Subramaniam
- ✓ 3. Pankaj Udhas
- ✗ 4. Anant Nag

Q.33 In April 2025, who was appointed as the new Deputy Governor of the Reserve Bank of India (RBI)?

Ans
- ✗ 1. Michael Patra
- ✗ 2. Raghuram Rajan
- ✗ 3. Urjit Patel
- ✓ 4. Poonam Gupta

Q.34 What will come in the place of the question mark '(?)' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

43 ÷ 9 − 988 × 2 + 11 = ?

Ans
- ✗ 1. 880
- ✗ 2. 895
- ✓ 3. 870
- ✗ 4. 875

Q.35 F is the husband of G. G is the mother of H. H is the wife of I. I is the father of J. How is F related to J?

Ans
- ✗ 1. Mother's brother
- ✓ 2. Mother's father
- ✗ 3. Father's father
- ✗ 4. Father's brother

Q.36 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only C is kept above B. Only two boxes are kept between B and F. Only E is kept below A. G is not kept immediately above F. How many boxes are kept above G?

Ans
- ✗ 1. 4
- ✓ 2. 2
- ✗ 3. 1
- ✗ 4. 3

Q.37 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✓ 1. OR – TN
- ✗ 2. JM – OH
- ✗ 3. SV – XQ
- ✗ 4. BE – GZ

Q.38 Sewa Singh Thikriwala was commemorated on his death anniversary on 20th January 2025. Which movement was he primarily associated with?

Ans
- ✗ 1. Goa's Liberation Movement
- ✗ 2. Green Revolution
- ✗ 3. White Revolution
- ✓ 4. Praja Mandal Movement

Q.39 A person saves 20% of his income. If his expenditure is ₹960, then his income (in ₹) is:

Ans
- ✗ 1. 192
- ✗ 2. 768
- ✓ 3. 1,200
- ✗ 4. 1,240

Q.40 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

YOD WNF UMH SLJ ?

Ans
- ✓ 1. QKL
- ✗ 2. QLL
- ✗ 3. QKK
- ✗ 4. QLK

Q.41 Evaluate: 37 - [37 - {37 - (37 - 37 × 2)}]

Ans
- ✗ 1. 90
- ✗ 2. 70
- ✗ 3. 65
- ✓ 4. 74

Q.42 **'Tuhfat-ul-Muwahhidin' was written by:**

Ans

✗ 1. Keshub Chandra Sen

✓ 2. Rammohan Roy

✗ 3. Sayyid Ahmed Khan

✗ 4. Akshay Kumar Dutt

Q.43 **Anand has ₹1,617 with him. He divided it amongst his sons Anil and Ashok and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Anil and Ashok got same amount after 12 and 13 years, respectively. How much (in ₹) did Anand give to Anil?**

Ans

✓ 1. ₹847

✗ 2. ₹770

✗ 3. ₹870

✗ 4. ₹697

Q.44 **Which organisation collaborated with ISRO in developing the Vikram 3201 and Kalpana 3201 microprocessors?**

Ans

✗ 1. Semiconductor Laboratory (SCL) in Mohali

✓ 2. Semiconductor Laboratory (SCL) in Chandigarh

✗ 3. National Aerospace Laboratories (NAL) in Bengaluru

✗ 4. Indian Institute of Technology (IIT) in Delhi

Q.45 The angle of elevation of a ladder leaning against a wall is $60°$ and the foot of the ladder is 4.5 m away from the wall. The length of the ladder is:

Ans

✗ 1. $8\ \text{m}$

✗ 2. $3\sqrt{2}\ \text{m}$

✗ 3. $4\sqrt{2}\ \text{m}$

✓ 4. $9\ \text{m}$

Q.46 **In a certain code language, 'MANY' is coded as '5391' and 'ARCS' is coded as '2458'. What is the code for 'A' in the given code language?**

Ans

✓ 1. 5

✗ 2. 3

✗ 3. 2

✗ 4. 8

Q.47 If the mode of the following data is 160, then what is the value of x?

Class	145-150	150-155	155-160	160-165	165-170
Frequency	10	18	31	x	24

Ans

✗ 1. 32

✓ 2. 31

✗ 3. 42

✗ 4. 43

Q.48 What positive value of X satisfies the equation $\frac{X}{147} = \frac{48}{X}$?

Ans

✓ 1. 84

✗ 2. 86

✗ 3. 82

✗ 4. 83

Q.49 Why is a voltmeter connected in parallel in a circuit?

Ans

✗ 1. To reduce the voltage drop

✗ 2. To allow maximum current through it

✗ 3. To measure the total resistance

✓ 4. To measure the difference in potential between two points

Q.50 Reduce the equation $x^4 - 13x^2 + 36 = 0$ into a quadratic equation and find the roots of the reduced quadratic equation.

Ans

✓ 1. 9, 4

✗ 2. 12, 3

✗ 3. 18, 2

✗ 4. 6, 6

Q.51 How does the parliamentary system ensure a "responsible government"?

Ans

✗ 1. By permitting the military to oversee governance

✓ 2. By making the council of ministers collectively accountable to the Parliament

✗ 3. By giving the judiciary the power to review executive decisions

✗ 4. By allowing the President to dismiss the Prime Minister at any time

Q.52 In a circle of radius 10.5 cm, if the angle of a sector is $\frac{2\pi}{3}$, then the perimeter of the sector is (in cm):

(Take $\pi = \frac{22}{7}$)

Ans

✗ 1. 40

✓ 2. 43

✗ 3. 44

✗ 4. 41

Q.53 On simple interest, a certain sum of money amounts to ₹1,750 in 2 years and to ₹3,000 in 4 years. Find the rate of interest per annum.

Ans

✓ 1. 125%

✗ 2. 127%

✗ 3. 126%

✗ 4. 124%

Q.54 Seven friends, F, G, H, I, O, P and Q, are sitting in a row facing north. Only two people sit between I and G. Only H sits to the right of F. Only one person sits between G and F. O sits at some place to the right of P but at some place to the left of Q. Who sits third from the right end of the line?

Ans

✗ 1. F

✗ 2. G

✗ 3. H

✓ 4. Q

Q.55 Which Chinese traveler mentions a Maitraka ruler named Shiladitya?

Ans

✗ 1. I-Tsing

✗ 2. Fa-Hien

✗ 3. Faxian

✓ 4. Hiuen Tsang

Q.56 Keshav gets a 4% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,56,000. What was his sale (in ₹) two years ago?

Ans

✔ 1. 1,25,000

✘ 2. 1,30,000

✘ 3. 1,05,000

✘ 4. 1,50,000

Q.57 If the polynomial $ax^3 + 4x^2 + 3x - 4$ and $x^3 - 7x + a$ leaves the same remainder, when divided by $(x - 2)$, then find the value of a.

Ans

✘ 1. $\frac{-17}{5}$

✔ 2. $\frac{-24}{7}$

✘ 3. $\frac{-36}{5}$

✘ 4. $\frac{-21}{8}$

Q.58 For a regular polygon, the sum of the interior angles is 300% more than the sum of its exterior angles. Each interior angle of the polygon measures x°. What is the value of x?

Ans

✘ 1. 156

✘ 2. 140

✘ 3. 134

✔ 4. 144

Q.59

Find the value of $\frac{\sqrt{0.018496}}{\sqrt{0.001156}}$

Ans

✘ 1. 19

✘ 2. 18

✘ 3. 12

✔ 4. 4

Q.60 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : CRX :: ELU : %

Ans

✘ 1. # = BIY, % = HNW

✘ 2. # = AHW, % = GMY

✔ 3. # = APW, % = GNV

✘ 4. # = BPU, % = DNY

Q.61 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 114 m and 63 m.

Take $\pi = \frac{22}{7}$

Ans

✘ 1. 199

✘ 2. 202

✘ 3. 201

✔ 4. 198

Q.62 A cylindrical rod has an curved surface area of 4,900 cm^2. If the length of the rod is 97 cm, then the radius (in cm) of the rod, correct to two places of decimal, is:

Take $\pi = \frac{22}{7}$

Ans
- ✗ 1. 6.97
- ✗ 2. 8.55
- ✗ 3. 7.95
- ✓ 4. 8.04

Q.63 What should come in place of the question mark (?) in the given series?

176 168 159 149 138 ? 113

Ans
- ✗ 1. 125
- ✗ 2. 129
- ✓ 3. 126
- ✗ 4. 123

Q.64 The caloric theory replaced which older theory of heat and combustion?

Ans
- ✗ 1. Thermodynamic theory
- ✗ 2. Entropy theory
- ✗ 3. Kinetic theory
- ✓ 4. Phlogiston theory

Q.65 The Shivalik Hills, forming the outermost part of the Himalayan ranges, extend across which Indian states?

Ans
- ✗ 1. Punjab to Sikkim
- ✗ 2. Bihar to West Bengal
- ✓ 3. Jammu and Kashmir to Uttarakhand
- ✗ 4. Arunachal Pradesh to Manipur

Q.66 The Draft Greenhouse Gases Emissions Intensity (GEI) Target Rules, 2025, was notified by which Ministry of India in April 2025?

Ans
- ✗ 1. Ministry of Chemicals and Fertilizers
- ✓ 2. Ministry of Environment, Forest and Climate Change
- ✗ 3. Ministry of Health and Family Welfare
- ✗ 4. Ministry of Agriculture & Farmers' Welfare

Q.67 What type of vegetation is predominantly found in the Thar Desert?

Ans
- ✗ 1. Alpine meadows
- ✗ 2. Evergreen forests
- ✓ 3. Low herbs and shrubs
- ✗ 4. Mangroves

Q.68 The distance between the easternmost and westernmost points of India is approximately:

Ans
- ✗ 1. 3500 km
- ✗ 2. 3214 km
- ✗ 3. 2500 km
- ✓ 4. 2933 km

Q.69 The greatest number that divides 93 and 190 leaving remainders 5 and 3, respectively, is:

Ans
- ✗ 1. 21
- ✗ 2. 17
- ✗ 3. 14
- ✓ 4. 11

Q.70 Which of the following best describes the impact of human genome sequencing?

Ans
- ✓ 1. It initiated a new scientific domain.
- ✗ 2. It eliminated the need for classical genetics.
- ✗ 3. It clarified all RNA-related functions.
- ✗ 4. It marked a milestone toward transcriptional regulation.

Q.71 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has the exam on Tuesday. Only two people have exams between U and R. Q has the exam immediately before V but not on Wednesday. S has the exam immediately before T.

How many people have exams between Q and P ?

Ans
- ✗ 1. Three
- ✓ 2. Four
- ✗ 3. Two
- ✗ 4. One

Q.72 Kanav starts from point A and drives 11 km towards the east. He then takes a left turn, drives 7 km, turns left and drives 13 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ 1. 5 km to the south
- ✗ 2. 4 km to the south
- ✗ 3. 4 km to the north
- ✓ 4. 5 km to the north

Q.73 A vendor sells oranges at ₹29 each and incurs a loss of 75%. If he wants to make a profit of 75%, at what price (in ₹) should he sell each orange?

Ans
- ✗ 1. 201
- ✗ 2. 206
- ✓ 3. 203
- ✗ 4. 205

Q.74 Which city will host the Web Summit 2025 from 10 to 13 November?

Ans
- ✗ 1. Barcelona, Spain
- ✓ 2. Lisbon, Portugal
- ✗ 3. Rome, Italy
- ✗ 4. Dublin, Ireland

Q.75 The NK Singh Committee, which was formed in 2016, was associated with which of the following?

Ans
- ✗ 1. Reviewing the trade deficit in India
- ✗ 2. Introduction of Standing Deposit Facility
- ✓ 3. Reviewing the FRBM Act, 2003
- ✗ 4. Introduction of Monetary Policy Committee

Q.76 What should come in place of the question mark (?) in the given series?

862 860 856 850 842 ?

Ans
- ✔ 1. 832
- ✘ 2. 833
- ✘ 3. 831
- ✘ 4. 830

Q.77 Which airport was named the World's Best Airport in 2025 by Skytrax?

Ans
- ✘ 1. Hamad International Airport
- ✘ 2. Tokyo Haneda Airport
- ✘ 3. Incheon International Airport
- ✔ 4. Singapore Changi Airport

Q.78 A shopkeeper marked his goods at X% above their cost price and sold them at a discount of 60%. If he gained 84% profit, then find the value of X.

Ans
- ✘ 1. 362
- ✔ 2. 360
- ✘ 3. 359
- ✘ 4. 361

Q.79 On the MS PowerPoint 2019 home screen, which option or section should you click to start a new blank presentation when the 'Start Screen' is enabled?

Ans
- ✘ 1. The Open button at the bottom left corner
- ✘ 2. The Recent tab in the left sidebar
- ✘ 3. The Design tab from the ribbon
- ✔ 4. The tile labeled 'Blank Presentation' on the right panel

Q.80 If the manufacturer gains 10%, the wholesaler gains 15%, and the retailer gains 28%, then find the cost of production of a table (in ₹), whose retail price for the customer is ₹75,900. (NOTE: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customers.)

Ans
- ✘ 1. 60,000
- ✘ 2. 53,906.25
- ✔ 3. 46,875
- ✘ 4. 51,562.5

Q.81 The Milindapanho is a:

Ans
- ✘ 1. political treaty
- ✘ 2. military manual
- ✔ 3. Buddhist philosophical text
- ✘ 4. civil code

Q.82 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 8 & 1 9 5 £ $ 6 8 $ # 8 & @ * 5 $ # * 5 $ 9 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✘ 1. 5
- ✘ 2. 6
- ✔ 3. 4
- ✘ 4. 3

Q.83 In a certain code language, 'FAIR' is coded as '9357' and 'ROSE' is coded as '8632'. What is the code for R' in the given code language?

Ans
- ✗ 1. 2
- ✗ 2. 8
- ✗ 3. 7
- ✓ 4. 3

Q.84 Which of the following is an example of a mixed cell reference in MS Excel?

Ans
- ✗ 1. =SUM(A1:A5)
- ✗ 2. A1
- ✓ 3. $A1
- ✗ 4. A1

Q.85 Which Article of the Constitution of India provides directives to the state for taking steps to raise the standard of living?

Ans
- ✗ 1. Article 50
- ✗ 2. Article 49
- ✗ 3. Article 48
- ✓ 4. Article 47

Q.86 If 2 is added to each odd digit and 3 is subtracted from each even digit in the number 7516438, what will be the difference between the greatest and smallest digits in the new number thus formed?

Ans
- ✗ 1. 6
- ✓ 2. 8
- ✗ 3. 4
- ✗ 4. 2

Q.87 Which of the following communities was NOT included for fast-track citizenship under Citizenship Amendment Act (CAA) of 2019?

Ans
- ✗ 1. Hindu
- ✓ 2. Muslims
- ✗ 3. Christian
- ✗ 4. Sikh

Q.88 What is the median of the following data?

61, 55, 18, 49, 52, 80, 60, 33, 54, 56, 28

Ans
- ✓ 1. 54
- ✗ 2. 54.5
- ✗ 3. 55
- ✗ 4. 53.5

Q.89 Which of the following is the keyboard shortcut to save an MS Excel workbook?

Ans
- ✗ 1. Ctrl + K
- ✗ 2. Alt + S
- ✓ 3. Ctrl + S
- ✗ 4. Tab + S

Q.90 What was the main issue debated during the 1905 Banaras Session of the INC, right after the announcement of Bengal's partition?

Ans

✗ 1. Immediate resignation of British administrators in Bengal

✗ 2. Formation of All India Muslim League

✓ 3. Use of Swadeshi and Boycott

✗ 4. Demand for Swaraj

Q.91 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. TQLJ

✗ 2. JGBZ

✓ 3. ROIH

✗ 4. BYTR

Q.92 This question is based on the five, three-digit numbers given below.

(Left) 657 435 578 659 619 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

Ans

✗ 1. 13

✗ 2. 9

✓ 3. 10

✗ 4. 11

Q.93 Which of the following is the new criteria for becoming a small enterprise in the definition of the Ministry of Micro, Small & Medium Enterprises (MSMEs) that was announced in Union Budget 2025-26?

Ans

✗ 1. Turnover more than ₹500 crore

✓ 2. Turnover less than ₹100 crore

✗ 3. Turnover more than ₹100 crore

✗ 4. Turnover more than ₹125 crore

Q.94 Which Constitutional Amendment explicitly inserted the term 'Cabinet' into the Indian Constitution in the context of Article 352?

Ans

✗ 1. 45th Constitutional Amendment Act, 1980

✗ 2. 43rd Constitutional Amendment Act, 1977

✓ 3. 44th Constitutional Amendment Act, 1978

✗ 4. 42nd Constitutional Amendment Act, 1976

Q.95 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: EIC :: QLZ : %

Ans

✗ 1. # = ERB, % = RNW

✗ 2. # = DJF, % = UPV

✗ 3. # = EDG, % = PNY

✓ 4. # = FHD, % = PMY

Q.96 What was the slogan of the 2024 United Nations Biodiversity Convention (COP16) initially held in 2024?

Ans
- ✔ 1. Peace with Nature
- ✘ 2. From Biodiversity to Nature
- ✘ 3. Environmental Peace
- ✘ 4. Biodiversity to Peace

Q.97 Which of the following numbers is divisible by 47?

Ans
- ✘ 1. 3674
- ✘ 2. 4416
- ✔ 3. 3995
- ✘ 4. 3816

Q.98 What will come in the place of the question mark '(?)' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

175 ÷ 5 + 213 × 3 − 75 = ?

Ans
- ✘ 1. 889
- ✔ 2. 879
- ✘ 3. 898
- ✘ 4. 869

Q.99 Two taps can fill a cistern in 2 hours and 64 hours, respectively. A third tap can empty it in 2 hours. How long (in hours) will it take to fill half of the empty cistern, if all of them are opened together?

Ans
- ✘ 1. 96
- ✔ 2. 32
- ✘ 3. 128
- ✘ 4. 64

Q.100 Which of the following is a 'Tata Vadya'?

Ans
- ✘ 1. Manjira
- ✔ 2. Veena
- ✘ 3. Bansuri
- ✘ 4. Dhol

Test Date	17/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Dholavira site of Indus Valley Civilization is best known for which of the following practices?**

Ans
✗ 1. Making of carts
✗ 2. Rock-cut architecture
✓ 3. Water conservation system
✗ 4. Use of iron implements

Q.2 **K, M, L, N, O and V live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only one person lives below K. Only three people live between L and K. N lives on a floor below K. O lives on an even-numbered floor. M lives on an odd-numbered floor but not on floor number 5. How many people live between V and K?**

Ans
✓ 1. Two
✗ 2. One
✗ 3. Three
✗ 4. Four

Q.3 **Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has an exam on Saturday. Only 4 people have an exam between S and T, neither of whom has an exam on Monday. P has an exam immediately after R, and V has an exam immediately before R. T has an exam after P. How many people have an exam after S?**

Ans
✓ 1. 5
✗ 2. 2
✗ 3. 3
✗ 4. 4

Q.4 **Who among the following led the Vidarbha team to victory in the Ranji Trophy 2024-25?**

Ans
✗ 1. Atharva Taide
✗ 2. Faiz Fazal
✗ 3. Shrikant Wagh
✓ 4. Akshay Wadkar

Q.5 **If you want your audience to NOT see your notes in the MS PowerPoint 365 slides, which view should you use during slide show?**

Ans
✗ 1. Reading View
✗ 2. Slide Show View
✓ 3. Presenter View
✗ 4. Outline View

Q.6 In a certain code language, 'CALM' is coded as '2468' and 'LIVE' is coded as '8537'. What is the code for 'L' in the given language?

Ans
- ✗ 1. 6
- ✓ 2. 8
- ✗ 3. 7
- ✗ 4. 3

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All rabbits are squirrel.
Some squirrels are rats.
All rats are mammals.

Conclusions:
(I) Some mammals are squirrel.
(II) Some rats are rabbits.

Ans
- ✗ 1. Only conclusion (II) follows
- ✗ 2. Both conclusions (I) and (II) follow
- ✓ 3. Only conclusion (I) follows
- ✗ 4. Neither conclusion (I) nor conclusion (II) follows

Q.8 A retailer allows a 22% discount on the marked price. What should be the marked price (in ₹) of an item whose cost price is ₹780, in order to make a profit of 26%?

Ans
- ✗ 1. 1,257
- ✗ 2. 1,258
- ✓ 3. 1,260
- ✗ 4. 1,261

Q.9 Kabir, Jasbir, Urmila, Richa, Prem, Deep and Sonika are sitting around a circular table, facing the centre. Sonika sits third to the right of Prem. Kabir sits to the immediate right of Deep. Jasbir sits second to the left of Sonika. Urmila sits third to the right of Jasbir. Who sits second to the left of Urmila?

Ans
- ✗ 1. Jasbir
- ✗ 2. Kabir
- ✓ 3. Richa
- ✗ 4. Prem

Q.10 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?

103 C (64 A8) B 2 C 9 B 3 D 33 = ?

Ans
- ✗ 1. 129
- ✓ 2. 113
- ✗ 3. 137
- ✗ 4. 91

Q.11 Which Article of the Constitution of India permits minorities based on language to establish educational institutes?

Ans
- ✗ 1. Article 29
- ✗ 2. Article 28
- ✓ 3. Article 30
- ✗ 4. Article 32

Q.12 Prince ranked 24th from the top and 39th from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 61
- ✓ 2. 62
- ✗ 3. 64
- ✗ 4. 63

Q.13 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HKN : LOR
DJO : HNS

Ans
- ✓ 1. AFM : EJQ
- ✗ 2. ATB : CVE
- ✗ 3. GJM : IKO
- ✗ 4. WXC : YGP

Q.14 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 102. Find the average of the remaining two numbers.

Ans
- ✓ 1. 199.5
- ✗ 2. 200.5
- ✗ 3. 179
- ✗ 4. 180

Q.15 A vertical stick 14 m long, casts a shadow 5 m long on the ground. At the same time, a tower casts a shadow of 44.5 m long on the ground. The height of the tower is _____.

Ans
- ✓ 1. 124.6 m
- ✗ 2. 128.8 m
- ✗ 3. 130.3 m
- ✗ 4. 122.2 m

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(37, 48, 59)
(41, 52, 63)

Ans
- ✗ 1. (47, 58, 70)
- ✗ 2. (32, 43, 64)
- ✓ 3. (56, 67, 78)
- ✗ 4. (24, 35, 44)

Q.17 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) © 9 6 £ 9 & € 8 4 4 2 @ © £ # 4 * 7 © 7 9 6 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✗ 1. 5
- ✗ 2. 4
- ✗ 3. 2
- ✓ 4. 3

Q.18 Trade Receivables Discounting System (TReDS) is an electronic platform for facilitating the financing/discounting of trade receivables of which sector?

Ans

✗ 1. Pharmaceutical sector

✗ 2. Exporting business

✗ 3. Software business

✓ 4. MSME sector

Q.19 Which of the following numbers is divisible by 16?

Ans

✗ 1. 1382

✗ 2. 1165

✗ 3. 1702

✓ 4. 1584

Q.20 Which of the following lakes in Rajasthan is artificial?

Ans

✗ 1. Sambhar

✓ 2. Ana Sagar

✗ 3. Ramgarh

✗ 4. Pushkar

Q.21 If the equations $x^2 + 3x + 2 = 0$ and $ax^2 + bx + c = 0$ have both roots in common, then which of the following is NOT true?

Ans

✗ 1. 4a − 2b + c = 0

✗ 2. a − b + c = 0

✓ 3. 4a = 2c + 2b

✗ 4. a + c = b

Q.22 If '+' means 'subtraction', '−' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

171 ÷ 95 × 5 − 4 + 33 = ?

Ans

✗ 1. 204

✗ 2. 209

✗ 3. 226

✓ 4. 214

Q.23 A man spends 74% of his monthly salary on house rent. If every month, he also spends ₹385 on conveyance and ₹2,725 on grocery and saves the remaining ₹621, his monthly salary is:

Ans

✗ 1. ₹14,287

✓ 2. ₹14,350

✗ 3. ₹14,389

✗ 4. ₹14,373

Q.24 The ratio between the fourth proportional of 2, 8 and 12 to the mean proportional of 9 and 4 is:

Ans

✗ 1. 10 : 3

✗ 2. 11 : 3

✓ 3. 8 : 1

✗ 4. 9 : 2

Q.25 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 6127385, then which of the following digits will be third from the right?

Ans
- ✗ 1. 6
- ✓ 2. 5
- ✗ 3. 7
- ✗ 4. 4

Q.26 A student spends ₹300, ₹250, ₹350, ₹200, and ₹400 on groceries over five weeks. What is the average amount spent per week?

Ans
- ✗ 1. ₹280
- ✗ 2. ₹340
- ✓ 3. ₹300
- ✗ 4. ₹320

Q.27 Which of the following brings winter rainfall to northern plains of India?

Ans
- ✗ 1. Easterlies
- ✗ 2. Norwesters
- ✗ 3. Bay of Bengal cyclones
- ✓ 4. Western disturbances

Q.28 A, B and C alone can do a piece of work in 11, 33 and 48 days, respectively. They all started the work together, but A left after 2 days. In how many days was the remaining work completed?

Ans
- ✗ 1. 16
- ✗ 2. 13
- ✓ 3. 14
- ✗ 4. 15

Q.29 According to the Charter Act of 1793, the charter of the east India company was renewed for how many years?

Ans
- ✗ 1. 15
- ✗ 2. 18
- ✓ 3. 20
- ✗ 4. 25

Q.30 A person saves 40% of his income. If his expenditure is ₹360, then his income (in ₹) is:

Ans
- ✓ 1. 600
- ✗ 2. 144
- ✗ 3. 216
- ✗ 4. 640

Q.31 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
SUX QSV OQT MOR ?

Ans
- ✗ 1. KNP
- ✗ 2. KMO
- ✓ 3. KMP
- ✗ 4. KNO

Q.32 **Which group of islands lies between 8° – 12° 13″ North latitude and 71° – 74° East longitude?**

Ans
✗ 1. Andaman
✗ 2. Rameswaram
✓ 3. Lakshadweep
✗ 4. Nicobar

Q.33 **A salesman marks his good 64% above the cost price and gives a discount of 25% on them. Find the percentage of this gain or loss.**

Ans
✗ 1. 21% gain
✓ 2. 23% gain
✗ 3. 20% loss
✗ 4. 24% gain

Q.34 What is the median of the following distribution?

Class	110-160	160-210	210-260	260-310	310-360
Frequency	16	15	31	24	38

Ans
✗ 1. 245
✗ 2. 262
✗ 3. 278
✓ 4. 260

Q.35 **Rishi starts from Point A and drives 8 km towards North. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)**

Ans
✗ 1. 5 km to the west
✗ 2. 6 km to the west
✗ 3. 3 km to the west
✓ 4. 4 km to the west

Q.36 **The median of the observations 21, 36, 73, 71, 35, 38, 49, 37, 26, 66 and 73 is:**

Ans
✗ 1. 37
✓ 2. 38
✗ 3. 36
✗ 4. 35

Q.37 **When was the Lokpal and Lokayukta Act came into force in India?**

Ans
✗ 1. 16 January 2011
✓ 2. 16 January 2014
✗ 3. 17 December 2013
✗ 4. 16 January 2013

Q.38 **Which of the following taxes has been replaced by Goods and Services Tax (GST)?**

1. Additional Duty of Customs
2. State VAT
3. Central Excise Duty

Ans
✗ 1. Only 1 and 2
✗ 2. Only 2
✓ 3. 1, 2 and 3
✗ 4. Only 2 and 3

Q.39 Who, writing under the pen name Ambai, is a well-known feminist writer and the author of the Tamil novel Andhi Malai?

Ans

✗ 1. Nalapat Balamani Amma

✗ 2. Daya Pawar

✗ 3. Akka Mahadevi

✓ 4. CS Lakshmi

Q.40 The sides (in cm) of a right triangle are $(x - 18)$,$(x - 25)$ and x. Its area (in cm^2) is:

Ans

✗ 1. 1329

✗ 2. 1314

✗ 3. 1311

✓ 4. 1320

Q.41 In a certain code language, 'GIFT' is coded as '4268' and 'TURN' is coded as '3527'. What is the code for 'T' in the given code language?

Ans

✓ 1. 2

✗ 2. 3

✗ 3. 6

✗ 4. 7

Q.42 During which event did DRDO outline its plan to develop Indian Integrated Combat Aerial Systems (IICAS)?

Ans

✗ 1. Defence Tech Expo 2025

✗ 2. Aero India 2025

✗ 3. Bharat Drone Summit 2024

✓ 4. Drone Industry Conclave 2025

Q.43 Which characteristic of the CPU determines how many instructions it can process per second?

Ans

✗ 1. Number of registers

✓ 2. Clock speed

✗ 3. Cache size

✗ 4. Power consumption

Q.44 According to Article 246 of the Indian Constitution, parliament has exclusive powers to make laws on subjects mentioned in which of the following lists?

Ans

✗ 1. State List

✗ 2. Concurrent List

✗ 3. Local List

✓ 4. Union List

Q.45 In March 2025, the Union Home Minister inaugurated the Lachit Barphukan Police Academy in Assam to honour his legacy. Who was Lachit Barphukan?

Ans

✗ 1. A poet from Assam

✓ 2. A commander of the Ahom kingdom

✗ 3. A military commander of the Mughals

✗ 4. A British-era police officer

Q.46 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ $ 6 # % 1 4 £ * 1 £ © 7 # 4 8 3 % % 2 $ £ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
✗ 1. 3
✓ 2. 1
✗ 3. 2
✗ 4. 0

Q.47 A truck travels 80 km at the speed of 40 km/hr and the next 44 km at the speed of 9 km/hr. What is its average speed (in km/hr)?

Ans
✗ 1. 24
✗ 2. 12
✗ 3. 22
✓ 4. 18

Q.48 In 1909, Sir William Hutt Curzon Wyllie, a British official, was shot and assassinated in London. Who was responsible for this act?

Ans
✗ 1. Khudiram Bose
✓ 2. Madan Lal Dhingra
✗ 3. Ras Bihari Bose
✗ 4. Subhas Chandra Bose

Q.49 The ratio of the lengths of two corresponding sides of two similar triangles is 9 : 1. The ratio of the areas of these two triangles, in the order mentioned, is:

Ans
✗ 1. 82 : 2
✗ 2. 9 : 1
✓ 3. 81 : 1
✗ 4. 9√9 : 1

Q.50 The cost of 4 pens and 5 pencils is ₹193 and the cost of 3 pens and 6 pencils ₹165. The cost of 4 pens and 6 pencils is:

Ans
✓ 1. ₹202
✗ 2. ₹198
✗ 3. ₹201
✗ 4. ₹206

Q.51 In January 2025, the Indian Army Day was celebrated to mark which significant event?

Ans
✗ 1. Launch of Operation Vijay
✗ 2. First Republic Day Parade
✗ 3. Establishment of Army Headquarters
✓ 4. First Indian Commander-in-Chief of the Army

Q.52 Three numbers are in the ratio 5 : 4 : 3, and their LCM is 4980. Their HCF is:

Ans
✗ 1. 132
✓ 2. 83
✗ 3. 101
✗ 4. 125

Q.53 Which of the following Sri Lankan cities did PM Modi visit in April 2025 to pay tribute at a sacred temple?

Ans

✗ 1. Kandy

✗ 2. Galle

✗ 3. Colombo

✓ 4. Anuradhapura

Q.54 If 38% of a number is equal to $\frac{5}{9}$th of another number, what is the ratio of the first number to the second number?

Ans

✓ 1. 250 : 171

✗ 2. 247 : 175

✗ 3. 251 : 174

✗ 4. 246 : 169

Q.55 In the Union Budget presented on 1 February 2025, what was the new income threshold up to which individuals are exempted from paying income tax under the new regime?

Ans

✗ 1. ₹15 lakh

✗ 2. ₹10 lakh

✗ 3. ₹12.75 lakh

✓ 4. ₹12 lakh

Q.56 Seven friends, A, B, C, D, N, O and P, are sitting in a straight row facing north. No one sits to the right of A. Only three people sit between A and D. Only two people sit between D and B. C sits third to the left of P. N sits to the immediate right of P. How many people sit between O and B?

Ans

✗ 1. One

✗ 2. Four

✓ 3. Three

✗ 4. Two

Q.57 Which Greek ambassador visited the court of Chandragupta Maurya?

Ans

✓ 1. Megasthenes

✗ 2. Ptolemy

✗ 3. Strabo

✗ 4. Pliny

Q.58 The value of 691 × 709 is:

Ans

✗ 1. 480863

✗ 2. 492154

✗ 3. 496860

✓ 4. 489919

Q.59 What was the real GDP Growth Rate of India in 2023-24, which was the highest in the previous 12 years, except for 2021-22?

Ans

✗ 1. 6.2%

✓ 2. 9.2%

✗ 3. 15.2%

✗ 4. 5.2%

Q.60 **Jitesh sold an article at a loss of 11%. If he had bought the item at 5% less and had sold it for ₹739 more, then he would have gained 20%. Find the cost price (in ₹) of the article.**

Ans

✗ 1. 3,361

✗ 2. 2,619

✓ 3. 2,956

✗ 4. 3,204

Q.61 Find the area of a parallelogram, whose base is $(3x - 5y + 4)$ m and height is $(x - 5y)$ m.

Ans

✓ 1. $(3x^2 + 25y^2 - 20xy + 4x - 20y)\ m^2$

✗ 2. $(3x^2 - 25y^2 - 20xy - 4x - 20y)\ m^2$

✗ 3. $(3x^2 + 25y^2 + 20xy + 4x - 20y)\ m^2$

✗ 4. $(3x^2 - 25y^2 + 20xy + 4x - 20y)\ m^2$

Q.62 **Which gas is a major product of industrial production for use in aerosol propellants and air conditioning systems?**

Ans

✗ 1. Oxygen

✗ 2. Methane

✗ 3. Carbon monoxide

✓ 4. Freon-12

Q.63 **The easternmost extension of the Himalayas does NOT include which of the following?**

Ans

✓ 1. Khasi Hills

✗ 2. Patkai Hills

✗ 3. Naga Hills

✗ 4. Mizo Hills

Q.64 **In early 2025, India anticipated finalising a defense export deal worth over $200 million with the Philippines for which missile system?**

Ans

✗ 1. BrahMos Supersonic Cruise Missile

✓ 2. Akash Surface-to-Air Missile

✗ 3. Prithvi Ballistic Missile

✗ 4. Nag Anti-Tank Guided Missile

Q.65 **What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?**

131 ÷ 6 + 1818 × 18 − 23 = ?

Ans

✗ 1. 711

✗ 2. 705

✓ 3. 708

✗ 4. 701

Q.66 **The radius of the base and the slant height of a right circular cone are 7 cm and 25 cm, respectively. Find the volume (in cm^3) of the given cone.**

$\left(\text{Use } \pi = \frac{22}{7}\right)$

Ans

✗ 1. 1062

✗ 2. 982

✓ 3. 1232

✗ 4. 1352

Q.67 Barun starts from Point Y and drives 19 km towards the east. He then takes a right turn, drives 28 km, turns left and drives 17 km. He then takes a left turn and drives 59 km. He takes a left turn, drives 36 km. He then turns right, drives 9 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ 1. 22 km towards the south
- ✗ 2. 36 km towards the north
- ✓ 3. 40 km towards the south
- ✗ 4. 29 km towards the north

Q.68 According to the National Family Health Survey (NFHS-5), what percentage of children under five years are underweight?

Ans
- ✗ 1. 19.3%
- ✓ 2. 32.1%
- ✗ 3. 26.7%
- ✗ 4. 28.5%

Q.69 Where is the headquarter of the National Human Rights Commission in India?

Ans
- ✓ 1. New Delhi
- ✗ 2. Kolkata
- ✗ 3. Chennai
- ✗ 4. Mumbai

Q.70 In an MS Excel spreadsheet, what does the cell address B5 represent?

Ans
- ✗ 1. The value 'B5' stored in a cell
- ✗ 2. Row B and Column 5
- ✗ 3. A formula referencing another cell
- ✓ 4. Column B and Row 5

Q.71 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. KP – DW
- ✓ 2. RW – LD
- ✗ 3. UZ – NG
- ✗ 4. CH – VO

Q.72 Which of the following is NOT correct with respect to the Naikdas Uprising Sankheda,1858?

Ans
- ✗ 1. The Naikdas of Sankheda took arms under both the leaders Rupa Naik and K Naik.
- ✗ 2. The revolt took place around Chhotaudepur district in Gujarat.
- ✗ 3. They resorted to guerrilla tactics, harassing the British troops and attacking the British thanas.
- ✓ 4. The leader Rupa surrendered before the British in 1860.

Q.73 What will come in place of the question mark (?) in the given series?

832 830 826 820 812 ?

Ans
- ✗ 1. 803
- ✗ 2. 800
- ✗ 3. 801
- ✓ 4. 802

Q.74 Three numbers are in the ratio $\frac{5}{20} : \frac{8}{16} : \frac{8}{14}$. The difference between the largest and the smallest number is 54. Find the largest number.

Ans
- ✗ 1. 97
- ✗ 2. 98
- ✗ 3. 94
- ✓ 4. 96

Q.75 **Which type of wave is primarily formed on a stretched string when plucked or disturbed?**

Ans
- ✗ 1. Electromagnetic wave
- ✗ 2. Surface wave
- ✗ 3. Torsional wave
- ✓ 4. Transverse wave

Q.76 **Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.**

EB-GD-IF
BY-DA-FC

Ans
- ✗ 1. GD-JF-KH
- ✓ 2. UR-WT-YV
- ✗ 3. PM-RO-SQ
- ✗ 4. KH-MI-OL

Q.77 **Which authority regulates civil aviation infrastructure in India?**

Ans
- ✗ 1. Ministry of Road Transport and Highways
- ✓ 2. Directorate General of Civil Aviation
- ✗ 3. Airport Authority of India
- ✗ 4. Indian Civil Aviation Forum

Q.78 **In a certain code language,**
'A + B' means 'A is the son of B'
'A – B' means 'A is the brother of B'
'A x B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is M related to Q if 'M + N – O ÷ P × Q'?

Ans
- ✓ 1. Wife's Father's Brother's Son
- ✗ 2. Wife's Mother's Sister's Son
- ✗ 3. Wife's Mother's Brother's Son
- ✗ 4. Wife's Father's Sister's Son

Q.79 **The Ramoshis who worked for 'Ramoshi Uprising' were night guards protecting the forts of which community?**

Ans
- ✗ 1. Rajputs
- ✗ 2. Sikhs
- ✗ 3. Mughals
- ✓ 4. Marathas

Q.80 **A UNESCO World Heritage Site, the Kakatiya Rudreshwara Temple is situated in which of the following states of India?**

Ans
- ✓ 1. Telangana
- ✗ 2. Gujarat
- ✗ 3. Andhra Pradesh
- ✗ 4. Karnataka

Q.81 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : DFJ :: LNR : %

Ans
- ✗ 1. # = ACG , % = OQP
- ✗ 2. # = BCG , % = OQU
- ✓ 3. # = ACG , % = OQU
- ✗ 4. # = ACG , % = MQU

Q.82 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

MGP : NIS
SVB : TXE

Ans
- ✓ 1. CTR : DVU
- ✗ 2. DNP : CPT
- ✗ 3. DMR : CMP
- ✗ 4. CDP : DUV

Q.83 A boat takes 76 minutes to go 32.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 9 : 8. How much approximate total time (in hours) will the boat take to go 44.9 km upstream and 57.8 km downstream?

Ans
- ✓ 1. 1.9
- ✗ 2. 4.3
- ✗ 3. 0.2
- ✗ 4. 2.2

Q.84 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 6 3 £ $ % 3 $ 9 8 1 8 * % 2 6 € $ £ # 8 & $ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✗ 1. 6
- ✓ 2. 4
- ✗ 3. 5
- ✗ 4. 3

Q.85 Deficiency of which vitamin in the diet is most commonly linked to poor vision in dim light (night blindness)?

Ans
- ✗ 1. Vitamin C
- ✓ 2. Vitamin A
- ✗ 3. Vitamin B12
- ✗ 4. Vitamin D

Q.86 Find the smallest number by which 2527 must be multiplied to make it a perfect square.

Ans
- ✗ 1. 21
- ✗ 2. 15
- ✓ 3. 7
- ✗ 4. 19

Q.87 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

VDU RGS NJQ ? FPM

Ans
✗ 1. JMP
✗ 2. JMN
✗ 3. JLN
✓ 4. JMO

Q.88 As per World Bank's State of Social Protection Report 2025, during the COVID-19 pandemic, emergency social protection responses reached how many people in developing countries?

Ans
✗ 1. 4.7 billion
✓ 2. 1.7 billion
✗ 3. 3.2 billion
✗ 4. 2.7 billion

Q.89 As per the Union Budget 2025-26, the remittance threshold under the Liberalized Remittance Scheme (LRS) was raised from ₹7 lakh to .

Ans
✗ 1. ₹12 lakh
✓ 2. ₹10 lakh
✗ 3. ₹11 lakh
✗ 4. ₹13 lakh

Q.90 What should come in place of the question mark (?) in the given series?

86 97 73 82 60 67 47 52 ?

Ans
✗ 1. 40
✓ 2. 34
✗ 3. 32
✗ 4. 37

Q.91 Where do deleted files go by default in Windows OS?

Ans
✗ 1. They are permanently erased
✗ 2. The Cloud
✓ 3. The Recycle Bin
✗ 4. The Downloads folder

Q.92 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ 1. XV – FZ
✗ 2. BZ – JD
✗ 3. HF – PJ
✓ 4. YX – GA

Q.93 Robert, Chris and Jeremy can finish a certain piece of work in 10, 14 and 21 days, respectively. All three of them started the work together. Robert left the work after 5 days and Chris left just 2 days before the work was completed. Find the total number of days taken for the work to be completed.

Ans
✗ 1. 9.5
✗ 2. 1.7
✗ 3. 10.9
✓ 4. 5.4

Q.94 According to the IMF's January 2025 World Economic Outlook Update, what is the projected global growth rate for 2025?

Ans
- ✗ 1. 4.0%
- ✓ 2. 3.3%
- ✗ 3. 3.7%
- ✗ 4. 4.8%

Q.95 What is the Technology & Innovation Sub-Mission (TISM), launched in 2024 as a part of PMAY-U 2.0, related to?

Ans
- ✗ 1. It is meant to promote skill certification and labour reforms in the real estate sector through training schemes.
- ✓ 2. It is focused on promoting green building techniques and energy-efficient housing designs across geo-climatic regions.
- ✗ 3. It is intended to facilitate digitisation of urban housing records and streamline approval processes for construction permits.
- ✗ 4. It is introduced to provide housing loans to first-time homebuyers with dynamic interest rates based on income levels.

Q.96 A right triangle with sides 60 cm, 45 cm and 75 cm is rotated about the side of 60 cm to form a cone. The curved surface area (in cm^2) of the cone so formed is:

Ans
- ✗ 1. 4505π
- ✓ 2. 3375π
- ✗ 3. 3125π
- ✗ 4. 4500π

Q.97 A sum when invested at the rate of 12% simple interest per annum, amounts to ₹8,500 after 3 years. The simple interest (in ₹) for the given time period is:

Ans
- ✗ 1. 2,150
- ✗ 2. 2,350
- ✓ 3. 2,250
- ✗ 4. 2,450

Q.98 At what rate of interest per annum will a sum of ₹1,000 amount to ₹1,728 in 1 year and 6 months, if the interest is compounded half-yearly?

Ans
- ✗ 1. 42%
- ✗ 2. 22%
- ✗ 3. 52%
- ✓ 4. 40%

Q.99 **A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.**

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	9	7	8	6	$	&	3	@	#	%	+	4	9	5
Code	R	F	A	L	K	C	W	Q	D	P	R	D	U	V

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
What will be the code for the following group?

9 7 8 6

Ans
✗ 1. RFFL
✓ 2. ©FA©
✗ 3. LFAR
✗ 4. RFAL

Q.100 **Which of the following is an incorrect statement about Cache Memory?**

Ans
✓ 1. Cache memory is a form of secondary storage.
✗ 2. Cache memory stores frequently accessed data for quick retrieval.
✗ 3. Cache memory is faster than main memory.
✗ 4. Cache memory is located close to or inside the CPU.

Test Date	17/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **In a certain code language, 'CART' is coded as '4268' and 'RISE' is coded as '3527'. What is the code for 'R' in the given code language?**

Ans
✔ 1. 2
✘ 2. 6
✘ 3. 7
✘ 4. 3

Q.2 **A is married to E. E is the sister of R. R is married to D. D is the only brother of Z. B is the only daughter of R. How is A related to B?**

Ans
✔ 1. Mother's sister's husband
✘ 2. Father's sister's husband
✘ 3. Mother's sister's father
✘ 4. Mother's brother's wife

Q.3 **In a certain code language, 'HUNT' is coded as '6438' and 'USER' is coded as '5723'. What is the code for 'U' in the given code language?**

Ans
✔ 1. 3
✘ 2. 5
✘ 3. 7
✘ 4. 4

Q.4 **Consider the following statements regarding Exercise Tiger Triumph – 25, which was conducted in April 2025.**
It was a bilateral Tri-Service Humanitarian Assistance and Disaster Relief (HADR) exercise between India and the United Kingdom.
The Harbour Phase of the exercise was scheduled at Visakhapatnam, while the Sea Phase and HADR operations were conducted off Kakinada.
Indian participation included INS Vikrant along with other Army and Air Force contingents.
The exercise aimed to develop interoperability and formulate SOPs for a Combined Coordination Centre during joint operations.

Which of the above statements are correct?

Ans
✘ 1. 1, 2, 3 and 4
✘ 2. Only 3 and 4
✔ 3. Only 2 and 4
✘ 4. Only 1 and 2

Q.5 In MS Excel, which feature ensures that only a specified portion of the spreadsheet is printed?

Ans
- ✗ 1. Page Break Preview
- ✓ 2. Print Area
- ✗ 3. Margin Settings
- ✗ 4. Page Orientation

Q.6 Find a single discount equal to three consecutive discounts of 20%, 13% and 20%.

Ans
- ✗ 1. 44.95%
- ✗ 2. 42.74%
- ✗ 3. 48.08%
- ✓ 4. 44.32%

Q.7 Refer to the following number and symbol series and answer the question that follows.
Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) © © 4 3 5 6 7 # * 1 3 % 9 2 7 5 9 & £ @ 7 * (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✗ 1. 5
- ✓ 2. 6
- ✗ 3. 8
- ✗ 4. 7

Q.8 Refer to the following number and symbol series and answer the question that follows.
Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ 9 7 8 2 @ @ 9 3 * 2 6 2 © # 9 & 7 8 9 @ 4 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✗ 1. 2
- ✗ 2. 4
- ✗ 3. 5
- ✓ 4. 3

Q.9 What positive value of X satisfies the equation $\frac{X}{176} = \frac{99}{X}$?

Ans
- ✓ 1. 132
- ✗ 2. 133
- ✗ 3. 135
- ✗ 4. 130

Q.10 What is the median of the following distribution?

Class	140-190	190-240	240-290	290-340	340-390
Frequency	23	13	24	25	35

Ans
- ✗ 1. 301
- ✗ 2. 278
- ✓ 3. 290
- ✗ 4. 304

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(22, 28, 31)
(39, 45, 48)

Ans
✗ 1. (53, 59, 65)
✗ 2. (44, 47, 50)
✗ 3. (17, 20, 26)
✓ 4. (27, 33, 36)

Q.12 According to CRISIL's Infrastructure Yearbook 2023, what is the total projected infrastructure spending in India over the next seven years?

Ans
✗ 1. ₹160 lakh crore
✓ 2. ₹143 lakh crore
✗ 3. ₹110 lakh crore
✗ 4. ₹95 lakh crore

Q.13 If a : b :: b : c; c = 25a and b = 20, find the positive value of c.

Ans
✗ 1. 99
✗ 2. 98
✓ 3. 100
✗ 4. 101

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All sparrows are parrots.
All parrots are macau.
Some sparrows are dove.

Conclusions:
(I) Some sparrows are macau.
(II) Some doves are parrots.

Ans
✓ 1. Both conclusions (I) and (II) follow
✗ 2. Only conclusion (I) follows
✗ 3. Only conclusion (II) follows
✗ 4. Neither conclusion (I) nor conclusion (II) follows

Q.15 In January 2025, National Tourism Day was celebrated with which of the following themes?

Ans
✗ 1. Tourism for Rural Revival
✓ 2. Tourism for Inclusive Growth
✗ 3. Tourism for Equal Progress
✗ 4. Tourism for Sustainable Future

Q.16 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: RWS :: INJ : %

Ans
✗ 1. # = NGV, % = FLP
✗ 2. # = PIV, % = MJU
✓ 3. # = UZV, % = FKG
✗ 4. # = CDR, % = KJI

Q.17 What motion is responsible for the generation of waves in a string?

Ans
- ✔ 1. Periodic oscillatory motion
- ✘ 2. Rectilinear motion
- ✘ 3. Random motion
- ✘ 4. Non-accelerating translational motion

Q.18 Which of the following is a National Park in Rajasthan?

Ans
- ✘ 1. Sundarbans National Park
- ✘ 2. Jim Corbett National Park
- ✘ 3. Kaziranga National Park
- ✔ 4. Ranthambore National Park

Q.19 If $\frac{\sec\theta-\tan\theta}{\sec\theta+\tan\theta}=\frac{3}{5}$, then $2\sin\theta$ is equal to:

Ans
- ✔ 1. $\frac{1}{2}$
- ✘ 2. $\frac{1}{4}$
- ✘ 3. $\frac{1}{8}$
- ✘ 4. 1

Q.20 On simple interest, a certain sum of money amounts to ₹1,250 in 2 years and to ₹2,000 in 4 years. Find the rate of interest per annum.

Ans
- ✘ 1. 70%
- ✔ 2. 75%
- ✘ 3. 85%
- ✘ 4. 80%

Q.21 Who among the following has the authority to specify an urban area as a 'large urban area' or a 'small urban area' or a 'transitional area' in a state?

Ans
- ✘ 1. President of India
- ✘ 2. Chief Minister of the State
- ✘ 3. Chief Justice of the State's High Court
- ✔ 4. Governor of the State

Q.22 According to INEP Emissions Gap Report 2024, what annual reduction in emissions is required until 2035 to limit global warming to 1.5°C?

Ans
- ✘ 1. 10%
- ✘ 2. 3.5%
- ✔ 3. 7.5%
- ✘ 4. 5.5%

Q.23 How do we customise bullets in MS Word?

Ans
- ✘ 1. Insert → Picture
- ✘ 2. Layout → Margins
- ✔ 3. Home → Bullets → Define New Bullet
- ✘ 4. View → Zoom

Q.24 Which international entity has partnered with India to launch joint research initiatives aimed at tackling marine plastic litter and developing waste-to-hydrogen technologies?

Ans
- ✗ 1. G7 Environment Council
- ✗ 2. World Economic Forum (WEF)
- ✗ 3. United Nations Industrial Development Organization (UNIDO)
- ✓ 4. European Union (EU)

Q.25 Where did Max Verstappen clinch his fourth Formula 1 World Championship?

Ans
- ✗ 1. Austin
- ✗ 2. Indianapolis
- ✗ 3. Miami
- ✓ 4. Las Vegas

Q.26 For a regular polygon, the sum of the interior angles is 50% more than the sum of its exterior angles. Each interior angle of the polygon measures x°. What is the value of x?

Ans
- ✗ 1. 88
- ✗ 2. 96
- ✗ 3. 112
- ✓ 4. 108

Q.27 Dhiraj starts from Point Y and drives 22 km towards the east. He then takes a right turn, drives 33 km, turns left and drives 25 km. He then takes a left turn and drives 51 km. He takes a left turn, drives 47 km. He then turns left, drives 23 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

Ans
- ✓ 1. 5 km towards the north
- ✗ 2. 5 km towards the east
- ✗ 3. 7 km towards the north
- ✗ 4. 7 km towards the south

Q.28 A company produces two products A and B with prices of ₹156 and ₹220, respectively. If 55% of the products sold are A and 45% of the products sold are B. Find the weighted average price?

Ans
- ✗ 1. ₹169.50
- ✓ 2. ₹184.80
- ✗ 3. ₹174.60
- ✗ 4. ₹165.30

Q.29 Who was the skipper of the Mumbai Indians team that won the Women's Premier League (WPL) 2025 title?

Ans
- ✓ 1. Harmanpreet Kaur
- ✗ 2. Mithali Raj
- ✗ 3. Jhulan Goswami
- ✗ 4. Smriti Mandhana

Q.30 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only two boxes are kept below T. Only one box is kept above U. Only one box is kept between U and D. G is kept immediately above S. F is kept at some place below E. How many boxes are kept between E and G?

Ans
- ✗ 1. Two
- ✗ 2. One
- ✗ 3. Three
- ✓ 4. Four

Q.31 The population of a town in 1930 was 3,48,000. If its population increased in two successive decades by 95% in each decade, the population of the town in 1950 was:

Ans

✗ 1. 13,23,273

✓ 2. 13,23,270

✗ 3. 13,23,267

✗ 4. 13,23,272

Q.32 Which Princely State had a representative assembly from as early as 1881?

Ans

✗ 1. Patiala

✗ 2. Gwalior

✓ 3. Mysore

✗ 4. Hyderabad

Q.33 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table.T sits to the immediate right of D. Only three people sit between T and S when counted from the left of T. Only three people sit between D and C. A sits to the immediate right of R. How many people sit between B and R when counted from the left of R?

Ans

✗ 1. Four

✓ 2. Two

✗ 3. One

✗ 4. Three

Q.34 Three persons X, Y, and Z started a business with their shares in the ratio 3 : 4 : 10. After 6 months, Y withdrew his 50% share, while Z withdrew his 40% share 9 months prior to completion of the year. If the total profit at the end of the year is ₹23,400, find the share of Z (in ₹) in the profit.

Ans

✓ 1. 12,600

✗ 2. 12,366

✗ 3. 12,510

✗ 4. 12,559

Q.35 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7648135, then what will the difference between the digits that are second from the left and second from the right in the new number thus formed be?

Ans

✗ 1. −1

✗ 2. −2

✓ 3. 0

✗ 4. 1

Q.36 The title name 'Rani Gaidinliu' was given to the Naga revolt leader Gaidinliu Pamei by which political leader?

Ans

✗ 1. Sarojini Naidu

✗ 2. Mahatma Gandhi

✗ 3. Sardar Vallabhbhai Patel

✓ 4. Jawaharlal Nehru

Q.37 A solid hemisphere has a radius of 16 cm. Find its total surface area.

Ans

✗ 1. 764π cm^2

✗ 2. 760π cm^2

✗ 3. 761π cm^2

✓ 4. 768π cm^2

Q.38 What should come in place of the question mark (?) in the given series?

2 9 23 51 107 ?

Ans
- ✗ 1. 221
- ✗ 2. 214
- ✗ 3. 224
- ✓ 4. 219

Q.39 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. RP – AU
- ✗ 2. IG – RL
- ✓ 3. BZ – KF
- ✗ 4. NL – WQ

Q.40 What is the maximum imprisonment term that a Chief Judicial Magistrate can award?

Ans
- ✓ 1. 7 years
- ✗ 2. 10 years
- ✗ 3. Life imprisonment
- ✗ 4. 3 years

Q.41 The largest monolithic rock structure in the world, the Kailasa Temple, is situated in which of the following caves?

Ans
- ✗ 1. Junagadh caves
- ✗ 2. Bagh caves
- ✓ 3. Ellora caves
- ✗ 4. Ajanta caves

Q.42 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7526318, what will be the difference between the highest and lowest digits in the number thus formed?

Ans
- ✗ 1. 9
- ✓ 2. 8
- ✗ 3. 6
- ✗ 4. 7

Q.43 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7235614, then which of the following digits will be second from the left?

Ans
- ✗ 1. 2
- ✗ 2. 4
- ✓ 3. 0
- ✗ 4. 7

Q.44 Which aircraft's midlife upgrade is a highlight at DRDO's outdoor display in Aero India 2025?

Ans
- ✗ 1. Jaguar
- ✓ 2. Dornier
- ✗ 3. Tejas
- ✗ 4. Sukhoi-30

Q.45 Nick, Kevin, and Joe can finish a certain piece of work in 3, 9, and 27 days respectively. All three of them started the work together. Nick left after working for 1 day, and Kevin left 2 days before the work was completed. Find the total number of days taken to complete the work.

Ans
- ✗ 1. 7
- ✗ 2. 5
- ✗ 3. 4
- ✓ 4. 6

Q.46 The mode of the observations 8, 7, 4, 7, 9, 4, 5, 4, 7, 2, 4, 5, 8, 5, 4 and 5 is:

Ans
- ✗ 1. 8
- ✗ 2. 7
- ✗ 3. 2
- ✓ 4. 4

Q.47 Which of the following statements is correct regarding the Supreme Court's ruling in 'Urmila Dixit vs Sunil Sharan Dixit (January 2025)' related to the interpretation of the Maintenance and Welfare of Parents and Senior Citizens Act, 2007?

Ans
- ✗ 1. The Supreme Court ruled that a gift deed without a written maintenance clause can never be cancelled.
- ✗ 2. The Madhya Pradesh High Court ruling was upheld by the Supreme Court.
- ✗ 3. The Court held that tribunals under the 2007 Act cannot order possession to be transferred to senior citizens.
- ✓ 4. Section 23 of the Act allows the tribunals to cancel a property transfer if basic amenities are not provided.

Q.48 Three numbers are in the ratio 2 : 7 : 13, and their LCM is 3094. Their HCF is ____.

Ans
- ✓ 1. 17
- ✗ 2. 20
- ✗ 3. 9
- ✗ 4. 18

Q.49 HT 17 is related to GQ 6 in a certain way. In the same way, LX 9 is related to KU -2. To which of the given options is QR 6 related, following the same logic?

Ans
- ✗ 1. QR -7
- ✗ 2. PQ -5
- ✓ 3. PO -5
- ✗ 4. QQ -7

Q.50 CMOS, often associated with storing system configuration, stands for:

Ans
- ✗ 1. Configurable Modular Operating Software
- ✗ 2. Computerised Main Operating System
- ✓ 3. Complementary Metal-Oxide Semiconductor
- ✗ 4. Central Memory Output System

Q.51 Which of the following Directive Principles is mentioned in Article 43B of the Constitution of India?

Ans
- ✗ 1. Organisation of agriculture and animal husbandry
- ✓ 2. Promotion of co-operative societies
- ✗ 3. Uniform civil code for the citizens
- ✗ 4. Equal justice and free legal aid

Q.52 Govind bought two items at a total cost of ₹4,800. He sold one item at 34% profit and the other at 10% loss. If Govind sold both the items together for ₹5,442, then what is the difference between the cost price (in ₹) of both the items?

Ans
✗ 1. 350
✓ 2. 300
✗ 3. 275
✗ 4. 325

Q.53 A bank offers 1.1% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹7,745 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is _____. (Rounded up to the 2 decimal places.)

Ans
✗ 1. ₹121.87
✓ 2. ₹128.03
✗ 3. ₹131.93
✗ 4. ₹109.99

Q.54 Which Indian state's/Union Territory's government has announced its Electric Vehicle (EV) Policy 2.0 to reduce air pollution in the region?

Ans
✗ 1. Uttar Pradesh
✓ 2. Delhi
✗ 3. Assam
✗ 4. Chandigarh

Q.55 Which secret society founded by Vinayak Damodar Savarkar promoted armed revolution against the British rule?

Ans
✓ 1. Abhinav Bharat
✗ 2. Anushilan Samiti
✗ 3. Hindustan Socialist Republican Association
✗ 4. Ghadar Party

Q.56 Which of the following numbers is divisible by 41?

Ans
✓ 1. 9430
✗ 2. 9879
✗ 3. 9249
✗ 4. 10113

Q.57 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. Only three boxes are kept below B. Only two boxes are kept between B and A. Only C is kept immediately above E. D is kept at some place below F and at some place above G. How many boxes are kept above F?

Ans
✗ 1. 4
✓ 2. 2
✗ 3. 3
✗ 4. 1

Q.58 The sum of two positive numbers x and y (where $x > y$) is 15 and their product is 36. Find the difference between the number x and y.

Ans
✗ 1. 10
✓ 2. 9
✗ 3. 12
✗ 4. 8

Q.59 What is the name of the pillared hall at the front of a Hindu temple where devotees gather?

Ans

✗ 1. Antarala

✓ 2. Mandapa

✗ 3. Garbhagriha

✗ 4. Amalaka

Q.60 A train P going at the speed of 78 km/hr completely passes train Q of length 120 m, going in the same direction on parallel tracks, at 62 km/hr, in 4.5 minutes. How much time (in seconds) will P take to cross completely train R of length 245 m, going at 81 km/hr in the opposite direction?

Ans

✗ 1. 49

✗ 2. 28

✓ 3. 30

✗ 4. 15

Q.61 Between 2013-14 and 2022-23, how many Indians escaped multidimensional poverty, according to NITI Aayog?

Ans

✗ 1. 30.5 crore

✓ 2. 24.82 crore

✗ 3. 18.2 crore

✗ 4. 12.5 crore

Q.62 A vendor sells 8, 12, 10, 14, and 6 mangoes over five days. What is the average number of mangoes sold per day?

Ans

✗ 1. 8

✗ 2. 14

✗ 3. 12

✓ 4. 10

Q.63 Which enzyme, secreted by the chief cells of the stomach, is crucial for initiating the digestion of proteins?

Ans

✗ 1. Amylase

✗ 2. Gastric lipase

✓ 3. Pepsinogen (converted to pepsin)

✗ 4. Trypsinogen (converted to trypsin)

Q.64 What is the full form of CD, commonly used in storage devices?

Ans

✓ 1. Compact Disc

✗ 2. Circuit Drive

✗ 3. Compact Data

✗ 4. Computer Disk

Q.65 Who is the Chairperson of Lokpal as of April 2025 in India?

Ans

✗ 1. Justice Sanjay Yadav

✗ 2. Justice Ritu Raj Awasthi

✗ 3. Justice L Narayana Swamy

✓ 4. Justice Ajay Manik Rao Khanwilkar

Q.66 Among the following cities, which is closest to the Prime Meridian?

Ans
- ✔ 1. Ahmedabad
- ✘ 2. Agartala
- ✘ 3. Delhi
- ✘ 4. Kanyakumari

Q.67 A, B and C alone can do a piece of work in 5, 55 and 66 days, respectively. They all started the work together, but A left after 4 days. In how many days was the whole work completed?

Ans
- ✘ 1. 7
- ✘ 2. 3
- ✘ 3. 2
- ✔ 4. 6

Q.68 Namita travels a certain distance at a speed of 88 km/hr and double the earlier distance at 16 km/hr. She then returns to the starting point through the same route. If her average speed for the entire journey is 33 km/hr, then what is her speed (in km/hr) for the return journey?

Ans
- ✘ 1. 64
- ✘ 2. 65.4
- ✔ 3. 66
- ✘ 4. 71.2

Q.69 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 112 m and 281 m.

$\text{Take } \pi = \frac{22}{7}$

Ans
- ✔ 1. 352
- ✘ 2. 348
- ✘ 3. 354
- ✘ 4. 342

Q.70 Mr. Wax starts from Point A and drives 14 km towards the north. He then takes a right turn, drives 9 km, turns right and drives 7 km. He then takes a left turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 15 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

Ans
- ✔ 1. 3 km to the east
- ✘ 2. 2 km to the west
- ✘ 3. 4 km to the west
- ✘ 4. 5 km to the east

Q.71 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

RLY TNS VPM XRG ?

Ans
- ✘ 1. ZTZ
- ✘ 2. ZUZ
- ✔ 3. ZTA
- ✘ 4. ZUA

Q.72 As per the Global Gender Gap Report, 2024, what percentage of the gender gap has India closed?

Ans
- ✔ 1. 64.1%
- ✘ 2. 66.3%
- ✘ 3. 62.5%
- ✘ 4. 60.1%

Q.73 What is the major reason behind higher road density in Kerala compared to Rajasthan?

Ans
- ✘ 1. Higher Gross Domestic Products
- ✘ 2. Availability of land
- ✔ 3. Topography and population density
- ✘ 4. Mineral distribution

Q.74 $Find\ the\ value\ of\ \frac{\sqrt{0.04}}{\sqrt{0.0004}}:$

Ans
- ✘ 1. 18
- ✘ 2. 29
- ✔ 3. 10
- ✘ 4. 21

Q.75 Indira Point, the southernmost tip of India, is located on which island?

Ans
- ✘ 1. Car Nicobar Island
- ✔ 2. Great Nicobar Island
- ✘ 3. Nancowry Island
- ✘ 4. Little Nicobar Island

Q.76 How does the President of India exercise his/her executive functions with respect to decision-making?

Ans
- ✘ 1. The President acts independently of the Union Government for foreign affairs.
- ✘ 2. The President acts entirely on his own absolute discretion.
- ✘ 3. The President can repeatedly ask for reconsideration of any ministerial decision until satisfied.
- ✔ 4. The President considers the advice of the Prime Minister and the Union council of ministers.

Q.77 The cost of 8 pens and 2 pencils is ₹96 and the cost of 4 pens and 7 pencils ₹72. The cost of 2 pens and 8 pencils is:

Ans
- ✘ 1. ₹53
- ✘ 2. ₹55
- ✔ 3. ₹54
- ✘ 4. ₹56

Q.78 VH 14 is related to YJ 7 in a certain way. In the same way, PI 18 is related to SK 11. To which of the given options is SU 4 related, following the same logic?

Ans
- ✘ 1. NT −7
- ✘ 2. MR −9
- ✘ 3. XR −5
- ✔ 4. VW −3

Q.79 What was Ashoka's relation to Bindusara?

Ans
- ✗ 1. Brother
- ✗ 2. Brother-in-law
- ✗ 3. Grandson
- ✓ 4. Son

Q.80 In a regular polygon with n sides, the sum of the interior angles is 1800°. What is the number of sides (n) of the polygon?

Ans
- ✗ 1. 14
- ✗ 2. 10
- ✓ 3. 12
- ✗ 4. 16

Q.81 What should come in place of the question mark (?) in the given series?

211, 198, 175, 142, 99, ?

Ans
- ✗ 1. 56
- ✗ 2. 47
- ✗ 3. 57
- ✓ 4. 46

Q.82 Which of the following is a part of the secondary sector in India?

Ans
- ✗ 1. Fishing
- ✗ 2. Farming
- ✓ 3. Weaving cotton fabric
- ✗ 4. Teaching

Q.83 Find the simplified value of [160 ÷ {30 + 7 × (2 - 6)}].

Ans
- ✓ 1. 80
- ✗ 2. 79
- ✗ 3. 85
- ✗ 4. 78

Q.84 Harishena was the court poet of:

Ans
- ✗ 1. Chandragupta I
- ✗ 2. Skandagupta
- ✓ 3. Samudragupta
- ✗ 4. Chandragupta II

Q.85 Not all regions in India equally benefited from the Green Revolution. Which of the following states was least impacted by the first phase of the Green Revolution?

Ans
- ✓ 1. Orissa
- ✗ 2. Punjab
- ✗ 3. Haryana
- ✗ 4. Uttar Pradesh

Q.86 Which of the following medicines discovered by Paul Ehrlich became the first successful treatment for syphilis?

Ans
- ✗ 1. Penicillin
- ✗ 2. Erythromycin
- ✗ 3. Prontosil
- ✓ 4. Salvarsan

Q.87 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. EF - CD
- ✗ 2. CD - AB
- ✓ 3. NP - RL
- ✗ 4. IJ - GH

Q.88 A retailer allows a 22% discount on the marked price. What should be the marked price (in ₹) of an item whose cost price is ₹546, in order to make a profit of 60%?

Ans
- ✗ 1. 1,122
- ✓ 2. 1,120
- ✗ 3. 1,118
- ✗ 4. 1,123

Q.89 Kumudini Rajnikant Lakhia was honoured with the Padma Vibhushan in 2025 for her contribution in which field?

Ans
- ✓ 1. Arts
- ✗ 2. Medicine
- ✗ 3. Public Affairs
- ✗ 4. Sports

Q.90 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : HNV :: GVO : %

Ans
- ✗ 1. # = FNW, % = QHT
- ✗ 2. # = DNU, % = JHS
- ✗ 3. # = DMU, % = SWT
- ✓ 4. # = FMU, % = IWP

Q.91 A person saves 30% of his income. If his expenditure is ₹840, then his income (in ₹) is:

Ans
- ✗ 1. 1,240
- ✗ 2. 588
- ✗ 3. 252
- ✓ 4. 1,200

Q.92 In a certain code language, 'SING' is coded as '9137' and 'TURN' is coded as '8496'. What is the code for 'N' in the given code language?

Ans
- ✓ 1. 9
- ✗ 2. 7
- ✗ 3. 3
- ✗ 4. 6

Q.93 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 37246895, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. Four
- ✗ 2. One
- ✓ 3. Three
- ✗ 4. Two

Q.94 In the context of Local Area Networks (LANs), what is the primary purpose of a MAC (Media Access Control) address?

Ans

✗ 1. To specify the network protocol being used for communication

✓ 2. To uniquely identify a network interface controller (NIC) at the data link layer

✗ 3. To define the physical layout and cabling of the network

✗ 4. To provide a logical address for network routing

Q.95 Which of the following are the key factors that are favourable for India for making it a key destination for foreign investments?

1. India's robust economic fundamentals
2. Ongoing structural reforms
3. Decreasing consumer market position

Ans

✗ 1. 2 and 3 only

✓ 2. 1 and 2 only

✗ 3. All 1, 2, and 3

✗ 4. 1 and 3 only

Q.96 This question is based on the five, three-digit numbers given below.

(Left) 815 497 460 637 147 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?

Ans

✗ 1. 7

✗ 2. 9

✓ 3. 6

✗ 4. 5

Q.97 If the discriminant of quadratic equation is negative, then the roots are:

Ans

✗ 1. real and distinct

✓ 2. complex conjugates

✗ 3. real and equal

✗ 4. real and negative

Q.98 Ansh, Kautuk, Swati, Vansh, Navya, Deepak and Rani are sitting around a circular table, facing the centre. Kautuk sits second to the right of Swati. Vansh sits to the immediate left of Ansh. Ansh sits second to the left of Swati. Navya sits third to the right of Rani. Who sits third to the left of Deepak?

Ans

✗ 1. Rani

✗ 2. Navya

✓ 3. Ansh

✗ 4. Vansh

Q.99 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. E lives on an even numbered floor but not 4. The sum of floors on which E and F live is 9. Only 3 people live between C and A. The sum of floors on which B and A live is 3. How many people live above B?

Ans

✗ 1. 1

✗ 2. 3

✓ 3. 4

✗ 4. 2

Q.100 **What should come in place of the question mark (?) in the given series based on the English alphabetical order?**
RUW PSU NQS LOQ ?

Ans

✔ 1. JMO

✗ 2. JMP

✗ 3. JNP

✗ 4. JNO

Test Date	17/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '–' and '×' and '÷' are interchanged?**

20 ÷ 5 + 8 × 2 + 1 = ?

Ans
✔ 1. 95
✘ 2. 85
✘ 3. 80
✘ 4. 90

Q.2 **Who among the following has been appointed as 26th Chief Election Commissioner of India in February 2025?**

Ans
✘ 1. Sanjay Malhotra
✘ 2. Ashish Naithani
✘ 3. Vineet Joshi
✔ 4. Gyanesh Kumar

Q.3 **A sum when invested at the rate of 12.5% simple interest per annum, amounts to ₹7,500 after 2 years. The simple interest (in ₹) for the given time period is:**

Ans
✔ 1. 1,500
✘ 2. 1,600
✘ 3. 1,700
✘ 4. 1,400

Q.4 **Which physiographic feature lies parallel to the Shiwaliks and is about 8-16 km wide?**

Ans
✔ 1. Bhabar
✘ 2. Terai
✘ 3. Delta
✘ 4. Doab

Q.5 This question is based on the five, three-digit numbers given below.

(Left) 411 559 916 247 769 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

Ans
- ✗ 1. 10
- ✓ 2. 7
- ✗ 3. 8
- ✗ 4. 6

Q.6 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: EPV :: RFS : %

Ans
- ✗ 1. # = COW, % = SGQ
- ✗ 2. # = DMU, % = SGL
- ✗ 3. # = CNU, % = THV
- ✓ 4. # = DNU, % = SHT

Q.7 In a certain code language, 'MICE' is coded as '6398' and 'PEAR' is coded as '3215'. What is the code for 'E' in the given code language?

Ans
- ✗ 1. 2
- ✗ 2. 5
- ✓ 3. 3
- ✗ 4. 8

Q.8 The Thar Desert serves as a natural boundary between:

Ans
- ✗ 1. India and China
- ✓ 2. India and Pakistan
- ✗ 3. India and Nepal
- ✗ 4. India and Afghanistan

Q.9 Which of the following systems was abolished by the Nineteenth Amendment Act, 1966?

Ans
- ✓ 1. Election tribunals
- ✗ 2. Zamindari system
- ✗ 3. Privy purse system
- ✗ 4. Separate electorate system

Q.10 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 8 9 # 1 9 © 3 5 © € @ # £ @ * © 5 £ € 5 4 4 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✓ 1. 3
- ✗ 2. 4
- ✗ 3. 5
- ✗ 4. 2

Q.11 The 1991 reforms promoted deregulation of industries. Which industry continued to be reserved for public sector post-1991 reforms?

Ans

✗ 1. Electronics

✗ 2. Automobiles

✓ 3. Atomic energy

✗ 4. Textile

Q.12 Which of the following best describes the function of a 'Section Break (Next Page)' in MS Word?

Ans

✗ 1. It starts a new paragraph while maintaining the same formatting.

✓ 2. It ends the current section and starts a new section on the subsequent page.

✗ 3. It inserts a manual line break within the same paragraph.

✗ 4. It creates a visual divider between different parts of the document on the same page.

Q.13 The period from 1905 to 1917 is known as the "Extremist Phase" in the Indian National Movement. Which of the following leaders was NOT associated with the extremist ideology during this time?

Ans

✗ 1. Bipin Chandra Pal

✗ 2. Bal Gangadhar Tilak

✗ 3. Lala Lajpat Rai

✓ 4. Gopal Krishna Gokhale

Q.14 Seven friends, D, E, F, G, M, N and O, are sitting in a row facing north. Only five people sit between G and D. F sits to the immediate left of D. Only one person sits between F and M. O sits at some place to the left of E but at some place to the right of N. Who sits third from the left end of the line?

Ans

✗ 1. F

✗ 2. M

✗ 3. N

✓ 4. O

Q.15 Which metals are generally used for electrical transmission lines?

Ans

✗ 1. Iron and nickel

✗ 2. Silver and gold

✗ 3. Zinc and lead

✓ 4. Copper and aluminium

Q.16 A man spends 28% of his monthly salary on house rent. If every month, he also spends ₹687 on conveyance and ₹7,483 on grocery and saves the remaining ₹218, his monthly salary is:

Ans

✗ 1. ₹11,738

✓ 2. ₹11,650

✗ 3. ₹11,594

✗ 4. ₹11,743

Q.17 Find the area of four walls of a cube, the length of whose edge is $(3x + 8y + 5)$ m.

Ans

✗ 1. $(36x^2 + 124y^2 + 100 + 82xy + 160y + 80x)\ m^2$

✗ 2. $(36x^2 + 256y^2 + 100 + 192xy + 160y + 120x)\ m^2$

✓ 3. $(36x^2 + 256y^2 + 100 + 192xy + 320y + 120x)\ m^2$

✗ 4. $(36x^2 + 184y^2 + 100 + 192xy + 160y + 80x)\ m^2$

Q.18 The maximum number of Buddhist stupas had been built by which of the following rulers?

Ans
- ✗ 1. Chandragupta Maurya
- ✗ 2. Bimbisara
- ✓ 3. Ashoka
- ✗ 4. Pushyamitra Sunga

Q.19 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

215 ÷ 4 + 822 × 3 − 45 = ?

Ans
- ✗ 1. 691
- ✓ 2. 631
- ✗ 3. 521
- ✗ 4. 581

Q.20 Which of the following categories of MSMEs constitutes the major share of MSME registration on the Udyam Registration Portal?

Ans
- ✓ 1. Micro
- ✗ 2. Small
- ✗ 3. Large
- ✗ 4. Medium

Q.21 What is the significance of pipelining in CPU architecture?

Ans
- ✗ 1. Stores instructions in memory
- ✗ 2. Transfers data between registers
- ✗ 3. Increases clock speed using multiple cores
- ✓ 4. Executes multiple instructions simultaneously by overlapping stages

Q.22 What should come in place of the question mark (?) in the given series?

21 24 33 48 69 96 ?

Ans
- ✗ 1. 116
- ✗ 2. 138
- ✗ 3. 141
- ✓ 4. 129

Q.23 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

QT-OR-MP
XA-VY-TW

Ans
- ✗ 1. JM-HK-FJ
- ✗ 2. AD-YB-VZ
- ✓ 3. TW-RU-PS
- ✗ 4. NQ-LO-JN

Q.24 Where was the field demonstration of the DEW Mk-II(A) system conducted by DRDO in 2025?

Ans
- ✗ 1. Bengaluru
- ✗ 2. New Delhi
- ✓ 3. Kurnool
- ✗ 4. Pokhran

Q.25 **Chetan starts from Point Y and drives 37 km towards the south. He then takes a right turn, drives 18 km, turns right and drives 58 km. He then takes a left turn and drives 61 km. He takes a left turn, drives 21 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)**

Ans

✗ 1. 39 km towards the south

✗ 2. 64 km towards the west

✗ 3. 43 km towards the west

✓ 4. 79 km towards the east

Q.26 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. KNI

✗ 2. MPK

✓ 3. QTP

✗ 4. ORM

Q.27 **Which Indian Constitutional Amendment Act have decreased the Fundamental Rights from seven to six?**

Ans

✗ 1. 35^{th} Constitutional Amendment Act

✗ 2. 76^{th} Constitutional Amendment Act

✓ 3. 44^{th} Constitutional Amendment Act

✗ 4. 42^{nd} Constitutional Amendment Act

Q.28 **Suzanne Collins' novel published in 2025 is titled:**

Ans

✗ 1. The Crimson Rivers

✓ 2. Sunrise on the Reaping

✗ 3. Léon: The Professional

✗ 4. Le Grand Bleu

Q.29 What is the median of the following distribution?

Class	120-170	170-220	220-270	270-320	320-370
Frequency	18	34	17	13	22

Ans

✗ 1. 227

✓ 2. 220

✗ 3. 224

✗ 4. 216

Q.30 **The volume (in cm^3) of a wire of diameter 6 cm and length 56 m is:**

Take $\pi = \frac{22}{7}$

Ans

✓ 1. 1,58,400

✗ 2. 1,58,800

✗ 3. 1,59,000

✗ 4. 1,57,800

Q.31 Rishika travels a certain distance at a speed of 52 km/hr and double the earlier distance at 39 km/hr. She then returns to the starting point through the same route. If her average speed for the entire journey is 56 km/h, then what is her speed (in km/hr) for the return journey?

Ans
- ✗ 1. 87
- ✓ 2. 81.9
- ✗ 3. 76
- ✗ 4. 83.8

Q.32 Prabhat, Dinesh, Yug, Monu, Sakshi, Amit and Shipra are sitting around a circular table, facing the centre. Yug sits second to the left of Amit. Prabhat sits third to the right of Amit. Monu sits to the immediate right of Dinesh. Shipra is not an immediate neighbour of Prabhat. Who sits second to the left of Dinesh?

Ans
- ✓ 1. Shipra
- ✗ 2. Sakshi
- ✗ 3. Prabhat
- ✗ 4. Yug

Q.33 Where was the 2024 United Nations Biodiversity Convention (COP16) initially held?

Ans
- ✓ 1. Cali, Colombia
- ✗ 2. Nairobi, Kenya
- ✗ 3. Montreal, Canada
- ✗ 4. Rome, Italy

Q.34 Who among the following is the political head of the municipality in India?

Ans
- ✗ 1. Mayor
- ✓ 2. Chairman
- ✗ 3. Chief Municipal Officer
- ✗ 4. Municipal Commissioner

Q.35 The greatest number that divides 48 and 46 leaving remainders 9 and 7, respectively, is:

Ans
- ✗ 1. 46
- ✗ 2. 47
- ✗ 3. 43
- ✓ 4. 39

Q.36 Find a single discount (rounded up to two decimal places) equal to three consecutive discounts of 26%, 29% and 2%.

Ans
- ✗ 1. 47.56%
- ✗ 2. 47.12%
- ✓ 3. 48.51%
- ✗ 4. 48.86%

Q.37 In October 2024, the Indian government notified rules under the Jan Vishwas (Amendment of Provisions) Act, 2023. What was a key objective of this legislation?

Ans
- ✗ 1. To legalise digital signatures for land registration documents
- ✗ 2. To establish a unified grievance redressal portal for all central ministries
- ✓ 3. To convert minor offenses under various laws from criminal to civil penalties
- ✗ 4. To expand the RTI Act to cover private educational institutions

Q.38 Where did the International Summit on the Future of Energy Security take place in April 2025?

Ans
✗ 1. Paris, France
✗ 2. Tokyo, Japan
✗ 3. Berlin, Germany
✓ 4. London, United Kingdom

Q.39 If '+' means 'subtraction', '−' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

109 ÷ 76 × 4 − 5 + 18 = ?

Ans
✗ 1. 189
✓ 2. 186
✗ 3. 201
✗ 4. 191

Q.40 Which of the following terms was used for tanks or ponds in Gupta records?

Ans
✗ 1. Nadi
✗ 2. Prapa
✗ 3. Kshetra
✓ 4. Tadaga

Q.41 The area of a quadrilateral ABCD is 299 cm^2. The lengths of the perpendiculars from the vertices B and D to the diagonal AC are 11 cm and 12 cm, respectively. Determine the length (in cm) of the diagonal AC.

Ans
✓ 1. 26
✗ 2. 21
✗ 3. 29
✗ 4. 24

Q.42 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
QJL OHJ MFH KDF ?

Ans
✓ 1. IBD
✗ 2. IAD
✗ 3. IBE
✗ 4. IAE

Q.43 Mr. Chotu starts from Point A and drives 16 km towards the North. He then takes a left turn, drives 8 km, turns left and drives 7 km. He then takes a right turn, drives 4 km, turns left and drives 12 km. He then takes a left turn and drives 18 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified).

Ans
✗ 1. 4 km to the East
✓ 2. 6 km to the West
✗ 3. 9 km to the South
✗ 4. 1 km to the North

Q.44 Rajat ranked 16^{th} from the top and 55^{th} from the bottom in his class. How many students are there in his class?

Ans
✓ 1. 70
✗ 2. 71
✗ 3. 72
✗ 4. 69

Q.45 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(2, 20, 4)
(5, 61, 6)

Ans
✗ 1. (7, 45, 2)
✗ 2. (4, 40, 6)
✗ 3. (1, 8, 3)
✓ 4. (3, 25, 4)

Q.46 Amit had invested the same amount of sums at simple as well as compound interest, compounded annually. The time period of investment for both the sums was 2 years and rate of interest too was same, 4% per annum. At the end, he found a difference of ₹44 in both the interests received. What were the sums (in ₹) invested?

Ans
✗ 1. ₹26,600
✗ 2. ₹27,850
✓ 3. ₹27,500
✗ 4. ₹26,750

Q.47 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

187 ÷ 3 + 168 × 2 − 174 = ?

Ans
✗ 1. 654
✗ 2. 652
✓ 3. 651
✗ 4. 653

Q.48 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and S. Only one box is kept between D and E. E is kept immediately above S. Only four boxes are kept between D and G. T is kept at some place above U. Which box is kept second below T?

Ans
✗ 1. F
✗ 2. G
✗ 3. D
✓ 4. S

Q.49 In a certain code language, 'GATE' is coded as '6148' and 'TIPS' is coded as '5721'. What is the code for 'T' in the given code language?

Ans
✗ 1. 4
✓ 2. 1
✗ 3. 7
✗ 4. 5

Q.50 The BPO industry emerged due to globalisation. What is a key feature of Business Process Outsourcing (BPO)?

Ans
✗ 1. Government ownership
✗ 2. Manufacturing heavy goods
✓ 3. Providing services to foreign companies from India
✗ 4. Domestic services only

Q.51 Which of the following statements regarding the Exercise INDRA held in March-April 2025 is/are correct?

1. The exercise included participation of Russian Federation Naval Ships Pechanga, Rezkiy, and Aldar Tsydenzhapov, along with Indian Naval Ships Rana, Kuthar, and Maritime Patrol Aircraft P8I.
2. The exercise was conducted in two phases: Harbour phase in Chennai and Sea phase in the Arabian Sea.
3. This was the 13th edition of Exercise INDRA , symbolises the long-term strategic relationship between India and Russia.

Ans
- ✗ 1. 1, 2 and 3
- ✗ 2. Only 1 and 3
- ✗ 3. Only 2 and 3
- ✓ 4. Only 1

Q.52 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ELX IJT MHP ? UDH

Ans
- ✗ 1. QGK
- ✗ 2. QFK
- ✗ 3. QGL
- ✓ 4. QFL

Q.53 The ratio of 39 hours to 17 days is:

Ans
- ✗ 1. 12 : 142
- ✗ 2. 39 : 17
- ✗ 3. 14 : 143
- ✓ 4. 13 : 136

Q.54 A seller marks their goods 45% above the cost price. On customer demand, they offer a 60% reduction on the bills. What percentage of profit or loss does the seller make?

Ans
- ✗ 1. 45% loss
- ✓ 2. 42% loss
- ✗ 3. 39% profit
- ✗ 4. 41% loss

Q.55 The Securities and Exchange Board of India (SEBI) has reduced the minimum investment for Zero Coupon Zero Principal (ZCZP) in the Social Stock Exchange (SSE) from ₹10,000 to _____.

Ans
- ✗ 1. ₹2,000
- ✗ 2. ₹1,500
- ✓ 3. ₹1,000
- ✗ 4. ₹500

Q.56 The addition of H^+ ions to the equilibrium $CH_3COOH \rightleftharpoons CH_3COO^- + H^+$ will:

Ans
- ✗ 1. Lead to no change
- ✗ 2. Stop the reaction
- ✗ 3. Shift the equilibrium right
- ✓ 4. Shift the equilibrium left

Q.57 Which of the following numbers is divisible by 22?

Ans
- ✓ 1. 7986
- ✗ 2. 7019
- ✗ 3. 7664
- ✗ 4. 8371

Q.58 Find the value of $\frac{\sqrt{0.038025}}{\sqrt{0.004225}}$.

Ans
- ✗ 1. 21
- ✗ 2. 6
- ✗ 3. 11
- ✓ 4. 3

Q.59 If $a^2 + b^2 = 169$, $a \times b = 10$, and $a > b$, find $\frac{a - b}{a + b}$.

Ans
- ✗ 1. $\sqrt{\frac{158}{199}}$
- ✗ 2. $\frac{158}{199}$
- ✓ 3. $\sqrt{\frac{149}{189}}$
- ✗ 4. $\frac{149}{189}$

Q.60 **Which state recorded the lowest unemployment rate according to the PLFS 2022-23?**

Ans
- ✓ 1. Tripura
- ✗ 2. Maharashtra
- ✗ 3. Gujarat
- ✗ 4. Karnataka

Q.61 **Two taps can fill a cistern in 3 hours and 57 hours, respectively. A third tap can empty it in 3 hours. How long (in hours) will it take to fill one-third of the empty cistern, if all of them are opened together?**

Ans
- ✓ 1. 19
- ✗ 2. 58
- ✗ 3. 57
- ✗ 4. 20

Q.62 **Sharda Sinha received the Padma Vibhushan posthumously in 2025 in which of the following fields?**

Ans
- ✗ 1. Sports
- ✗ 2. Medicine
- ✓ 3. Art
- ✗ 4. Spiritualism

Q.63 **Which of the following abbreviations represents a volatile memory technology commonly used for the primary working memory in personal computers?**

Ans
- ✓ 1. DRAM
- ✗ 2. SRAM
- ✗ 3. NVMe
- ✗ 4. CMOS

Q.64 For $7x^2 - 4x + k = 0$, determine the value of k so that the equation has equal roots.

Ans

✔ 1. $\frac{4}{7}$

✘ 2. $\frac{4}{5}$

✘ 3. $\frac{3}{7}$

✘ 4. $\frac{4}{11}$

Q.65 Which of the following government schemes focuses on the development of urban infrastructure in India?

Ans

✔ 1. AMRUT

✘ 2. PMGSY

✘ 3. MGNREGA

✘ 4. RURBAN Mission

Q.66 Among the islet cells of the pancreas, which cell type secretes the hormone that primarily raises blood glucose levels?

Ans

✘ 1. Beta cells

✔ 2. Alpha cells

✘ 3. Delta cells

✘ 4. PP cells

Q.67 A person saves 30% of his income. If his expenditure is ₹560, then his income (in ₹) is:

Ans

✘ 1. 840

✔ 2. 800

✘ 3. 168

✘ 4. 392

Q.68 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has an exam on Friday. Exactly 3 people have exams between Q and S, neither of whom has on exam on Sunday. P has an exam immediately after U. T has an exam immediately before S. How many people have exams before U?

Ans

✔ 1. 2

✘ 2. 3

✘ 3. 4

✘ 4. 1

Q.69 If $\sin A = \frac{4}{5}$, then find the value of $(2 + \tan A)(4 + \cos A)$.

Ans

✘ 1. $\frac{3}{46}$

✘ 2. $\frac{15}{208}$

✔ 3. $\frac{46}{3}$

✘ 4. $\frac{208}{15}$

Q.70 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some hens are pigeons.
All pigeons are crows.
All crows are mynahs.

Conclusions:
(I) Some hens are mynahs.
(II) Some mynahs are pigeons.

Ans
- ✗ 1. Neither conclusion (I) nor conclusion (II) follows
- ✗ 2. Only conclusion (I) follows
- ✗ 3. Only conclusion (II) follows
- ✓ 4. Both conclusions (I) and (II) follow

Q.71 4 times the present age of P exceeds the present age of Q by 35 years. After 8 years, 2 times the age of Q will be 40 years less than 6 times the age of P. The present age of Q (in years) is:

Ans
- ✗ 1. 84
- ✗ 2. 97
- ✓ 3. 89
- ✗ 4. 80

Q.72 Which ruler of the Delhi Sultanate was associated with the expedition to Bhilsa (Vidisha) in AD 1292?

Ans
- ✗ 1. Ulugh Khan
- ✗ 2. Iltutmish
- ✗ 3. Ghazi Malik
- ✓ 4. Alauddin Khilji

Q.73 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HLF : JOH
UYR : WBT

Ans
- ✓ 1. SFJ : UIL
- ✗ 2. SEK : VRT
- ✗ 3. MPQ : RMT
- ✗ 4. MFL : XRL

Q.74 Which river system is known for forming gorges in the Himalayan region?

Ans
- ✗ 1. Godavari
- ✗ 2. Tapti
- ✓ 3. Brahmaputra
- ✗ 4. Penner

Q.75 The average score of 10 players was initially recorded as 55. However, it was later discovered that a score of 84 had been mistakenly read as 48. Determine the correct average score.

Ans
- ✗ 1. 50
- ✗ 2. 55.5
- ✗ 3. 48.5
- ✓ 4. 58.6

Q.76 Ramesh can complete a piece of work alone in 16 days and Suresh can complete the same piece of work alone in 10 days. They started the work together, but Ramesh had to leave 4 days before the completion of the work. In how many days will the work get completed?

Ans

✗ 1. $7\frac{5}{13}\ days$

✓ 2. $7\frac{9}{13}\ days$

✗ 3. $7\frac{8}{13}\ days$

✗ 4. $7\frac{2}{13}\ days$

Q.77 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 101. Find the average of the remaining two numbers.

Ans

✗ 1. 178

✗ 2. 201

✓ 3. 200

✗ 4. 179

Q.78 The side AB and AC of ΔABC are produced to points D and E, respectively. The bisectors of $\angle CBD$ and $\angle BCE$ meet at P. If $\angle A = 84^\circ$, then the measure of $\angle P$ is:

Ans

✗ 1. 66°

✗ 2. 56°

✓ 3. 48°

✗ 4. 36°

Q.79 The median of the observations 60, 43, 24, 61, 72, 26, 39, 62, 49, 95 and 38 is:

Ans

✗ 1. 43

✗ 2. 60

✗ 3. 62

✓ 4. 49

Q.80 Which of the following Articles of the Indian Constitution states about the Official Language Commission in India?

Ans

✓ 1. Article 344

✗ 2. Article 343

✗ 3. Article 342

✗ 4. Article 341

Q.81 Which of the following architectures was built by Aurangzeb?

Ans

✓ 1. Bibi-ka-Maqbara

✗ 2. Humayun's tomb

✗ 3. Taj Mahal

✗ 4. Qutub Minar

Q.82 HL 17 is related to KM −4 in a certain way. In the same way, LN 12 is related to OO −9. To which of the given options is UR 4 related, following the same logic?

Ans
- ✗ 1. IX −15
- ✗ 2. VR 16
- ✓ 3. XS −17
- ✗ 4. OZ −18

Q.83 If 7 : 14 :: 8.7 : x and 5 : 35 :: 7 : y. What is the ratio of x to y?

Ans
- ✗ 1. 91 : 255
- ✗ 2. 85 : 246
- ✓ 3. 87 : 245
- ✗ 4. 88 : 243

Q.84 A boat travels 176 km upstream in 16 hours and 85 km downstream in 5 hours. What is the speed of the boat in still water?

Ans
- ✗ 1. 24 km/hr
- ✗ 2. 20 km/hr
- ✓ 3. 14 km/hr
- ✗ 4. 23 km/hr

Q.85 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✓ 1. BK – EY
- ✗ 2. YH – CV
- ✗ 3. JS – NG
- ✗ 4. KT – OH

Q.86 Besides resolving disputes, what power do the Nyaya Panchayats have in India?

Ans
- ✗ 1. Levying taxes for village development
- ✗ 2. Managing village agriculture
- ✓ 3. Imposing fines on offenders
- ✗ 4. Issuing binding contracts

Q.87 If the manufacturer gains 10%, the wholesale gains 15% and the retailer gains 25%, then find the cost of production of a table (in ₹), whose retail price for the customer is ₹31,900.
(NOTE: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customers.)

Ans
- ✓ 1. 20,000
- ✗ 2. 23,200
- ✗ 3. 25,000
- ✗ 4. 22,000

Q.88 In a certain code language, 'LIFE' is coded as '4268' and 'FUND' is coded as '3527'. What is the code for 'F' in the given code language?

Ans
- ✗ 1. 6
- ✗ 2. 3
- ✓ 3. 2
- ✗ 4. 7

Q.89 The curved surface area of a cylinder is half of its total surface area. If its height is 12 cm, then find its diameter (in cm).

Ans
- ✔ 1. 24
- ✘ 2. 20
- ✘ 3. 33
- ✘ 4. 22

Q.90 In the architecture of a Central Processing Unit (CPU), which statement accurately distinguishes the function of the Arithmetic Logic Unit (ALU) from that of the Control Unit (CU)?

Ans
- ✘ 1. ALU decodes instructions, while CU handles data storage tasks.
- ✘ 2. CU executes arithmetic operations, and ALU controls program instructions.
- ✔ 3. ALU handles calculations and logic functions; CU manages instruction flow and coordination.
- ✘ 4. CU interacts directly with peripheral devices, and ALU stores temporary data.

Q.91 Which of the following states is NOT covered by the Ganga Plain?

Ans
- ✘ 1. Bihar
- ✘ 2. Haryana
- ✔ 3. Punjab
- ✘ 4. West Bengal

Q.92 R is the wife of A. F is the son of A. G is the sister of T. T is the brother of F. How is T related to R?

Ans
- ✔ 1. Son
- ✘ 2. Sister's son
- ✘ 3. Brother's son
- ✘ 4. Brother

Q.93 Which colonial power held Yanaon (Yanam) and Chandernagore as part of its possessions in India?

Ans
- ✔ 1. French
- ✘ 2. Portuguese
- ✘ 3. Austrian
- ✘ 4. German

Q.94 This question is based on the five, three-digit numbers given below.

(Left) 941 915 741 807 776 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

Ans
- ✘ 1. 11
- ✘ 2. 7
- ✔ 3. 8
- ✘ 4. 9

Q.95 Which of the following scenarios would most effectively necessitate the use of a 'Keep with Next' paragraph formatting option in MS Word?

Ans
- ✘ 1. Automatically indenting the first line of every paragraph in a document
- ✘ 2. Applying a consistent bullet point style to a list of items
- ✔ 3. Ensuring that a heading and the paragraph immediately following it always appear on the same page
- ✘ 4. Preventing a long paragraph from being split es

Q.96 What should come in place of the question mark (?) in the given series?

4 10 22 46 94 190 ?

Ans
- ✗ 1. 390
- ✗ 2. 380
- ✗ 3. 384
- ✓ 4. 382

Q.97 Who among the following was appointed as the Chairman of the Airports Authority of India (AAI), in October 2024?

Ans
- ✗ 1. Praveena Rai
- ✗ 2. Shashwat Sharma
- ✗ 3. Deepak Agarwal
- ✓ 4. Vipin Kumar

Q.98 In the context of the 2024 Haryana Assembly elections, which of the following statements is/are correct?

1. The BJP retained power with a clear majority.
2. BJP increased its seats compared to the 2019 Assembly elections.
3. Congress decreased its seats compared to the 2019 elections.
4. The vote share difference between BJP and Congress was narrow, with BJP securing 39.94% and Congress 39.09%.

Ans
- ✓ 1. Only 1, 2 and 4
- ✗ 2. Only 2 and 4
- ✗ 3. Only 1 and 3
- ✗ 4. Only 1

Q.99 Who among the following was a radical rationalist and iconoclast in Maharashtra?

Ans
- ✗ 1. Vishnushastri Chiplunkar
- ✗ 2. Ganesh Vasudev Joshi
- ✗ 3. Bhaskar Pandurang
- ✓ 4. Gopal Ganesh Agarkar

Q.100 Find the simplified value of [81 ÷ {21 + 9 × (5 - 7)}].

Ans
- ✓ 1. 27
- ✗ 2. 26
- ✗ 3. 24
- ✗ 4. 25

Test Date	18/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **What percentage of the workforce in India was self-employed in 2023-24, reflecting a growing trend towards entrepreneurship, as per the Economic Survey Report, 2024-25?**

Ans
✗ 1. 52.6%
✓ 2. 58.4%
✗ 3. 48.2%
✗ 4. 62.8%

Q.2 **In a certain code language,**

'A + B' means 'A is the mother of B'
'A – B' means 'A is the brother of B'
'A x B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is P related to T if 'P ÷ Q + R – S x T'?

Ans
✓ 1. WIfe's mother's father
✗ 2. Wife's sister's husband
✗ 3. Son's daughter's husband
✗ 4. Wife's father's mother

Q.3 **A, B, C, D, E, F, and G are sitting around a circular table facing the centre.**
Only C sits between A and E. E sits third to the left of D. B sits to the immediate left of D.
G is not an immediate neighbour of E.
How many people sit between C and G when counted from the right of C?

Ans
✓ 1. Four
✗ 2. Two
✗ 3. Three
✗ 4. One

Q.4 **Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.**

KNR : HKS
TGK : QDL

Ans
✗ 1. LOQ : FJU
✓ 2. FXL : CUM
✗ 3. HMI : DKL
✗ 4. GCP : EHR

Q.5 Which of the following is the easternmost international border point of India?

Ans
- ✗ 1. Rohtang
- ✗ 2. Lipulekh
- ✗ 3. Nathu La
- ✓ 4. Kibithu

Q.6 Amit had invested same amount of sums at simple as well as compound interest, compounded annually. The time period of both the sums was 2 years and rate of interest too was the same, 4% per annum. At the end, he found a difference of ₹45 in both the interests received. What were the sums (in ₹) invested?

Ans
- ✗ 1. 27,375
- ✓ 2. 28,125
- ✗ 3. 27,225
- ✗ 4. 28,475

Q.7 Three numbers are in the ratio 1 : 3 : 5, and their LCM is 285. Their HCF is ____.

Ans
- ✓ 1. 19
- ✗ 2. 15
- ✗ 3. 17
- ✗ 4. 24

Q.8 In January 2025, which of the following individuals was appointed as the Chairman of the Indian Space Research Organisation (ISRO)?

Ans
- ✓ 1. V Narayanan
- ✗ 2. Tapan Misra
- ✗ 3. G Madhavan Nair
- ✗ 4. K Sivan

Q.9 The fourth proportion to 9, 3 and 27 is the same as the third proportion to A and 24. What is the value of A?

Ans
- ✗ 1. 61
- ✗ 2. 63
- ✗ 3. 62
- ✓ 4. 64

Q.10 The length of the diagonals of a rhombus are $(y + xy + 5)$ m and $(y - xy + 7)$ m, respectively. Find the area of the rhombus, if $x = 2$ and $y = 1$.

Ans
- ✗ 1. 27 m^2
- ✗ 2. 18 m^2
- ✗ 3. 21 m^2
- ✓ 4. 24 m^2

Q.11 Which of the following is INCORRECT based on the Supreme Court's ruling in 'Samtola Devi vs The State Of Uttar Pradesh', on 27 March 2025, regarding the 'Maintenance and Welfare of Parents and Senior Citizens Act, 2007'?

Ans
- ✗ 1. Senior citizens can file for maintenance even after transferring their property to their legal heirs.
- ✓ 2. Eviction of a child or relative is mandatory in every case of neglect under the Act.
- ✗ 3. The Act does not provide any provision for the eviction of a child or relative.
- ✗ 4. Tribunals under the Act have the authority to order the eviction of a child or relative if it is deemed necessary for the protection of the senior citizen.

Q.12 On 26 February 2025, the Centre for Science and Environment (CSE) and Down To Earth (DTE) magazine released their annual publication 'State of India's Environment' from which state?

Ans
- ✗ 1. West Bengal
- ✓ 2. Rajasthan
- ✗ 3. Gujarat
- ✗ 4. Kerala

Q.13 If it is 12 noon at IST (82°30′E), what time is it approximately at 97°30′E longitude?

Ans
- ✗ 1. 11:00 AM
- ✗ 2. 12:30 PM
- ✗ 3. 1:20 PM
- ✓ 4. 1:00 PM

Q.14 A salesman marks his good 20% above the cost price and gives a discount of 25% on them. Find the percentage of this gain or loss.

Ans
- ✗ 1. 9% gain
- ✓ 2. 10% loss
- ✗ 3. 11% loss
- ✗ 4. 12% loss

Q.15 A shopkeeper fixes the marked price of an item 50% above its cost price. What percentage of discount on the marked price should be allowed to gain 14%?

Ans
- ✗ 1. 21%
- ✗ 2. 27%
- ✗ 3. 26%
- ✓ 4. 24%

Q.16 What should come in place of the question mark (?) in the given series?

282, 259, 226, ?, 130, 67

Ans
- ✗ 1. 173
- ✓ 2. 183
- ✗ 3. 193
- ✗ 4. 186

Q.17 If the median of a data is 71.24 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula)

Ans
- ✗ 1. 34.14
- ✓ 2. 35.62
- ✗ 3. 41.97
- ✗ 4. 33.91

Q.18 With reference to computing, what does ASCII stand for?

Ans
- ✗ 1. American Standard Code for Information Integrity
- ✗ 2. American Systematic Code for International Interoperability
- ✗ 3. Algorithmic Standard Code for International Information
- ✓ 4. American Standard Code for Information Interchange

Q.19 A and B can do a piece of work in 12 days and 18 days, respectively. Both work for 2 days and then A goes away and B completed the remaining work alone. The whole work was completed in _____ days.

Ans
- ✗ 1. 13
- ✗ 2. 14
- ✓ 3. 15
- ✗ 4. 16

Q.20 Following the provisions of the 73rd Constitutional Amendment 1992, how frequently are the members of the Gram Sabha expected to meet in a year?

Ans
- ✓ 1. At least twice in a year
- ✗ 2. Every week
- ✗ 3. Once a month
- ✗ 4. Once every five years

Q.21 Gyanesh starts from Point Y and drives 11 km towards the south. He then takes a left turn, drives 45 km, turns right and drives 29 km. He then takes a right turn and drives 18 km. He takes a right turn, drives 13 km. He then turns right, drives 29 km, turns left and drives 27 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ 1. 53 km towards the north
- ✗ 2. 61 km towards the west
- ✓ 3. 56 km towards the west
- ✗ 4. 51 km towards the east

Q.22 What is the primary objective of 'Srjanam', the biomedical waste conversion system launched in 2025?

Ans
- ✗ 1. To increase the use of landfills for biomedical waste
- ✓ 2. To reduce environmental hazards by eliminating incineration
- ✗ 3. To promote traditional biomedical waste disposal methods
- ✗ 4. To develop a new method for incineration

Q.23 Chords AB and CD of a circle intersect externally at P. If AB = 7 cm, CD = 1 cm and PD = 5 cm, then the length of PB (in cm) is:

Ans
- ✓ 1. 3
- ✗ 2. 4
- ✗ 3. 2
- ✗ 4. 5

Q.24 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✓ 1. OJ - NL
- ✗ 2. IK - PR
- ✗ 3. HJ - OQ
- ✗ 4. GI - NP

Q.25 A train is 591 m and it crosses a platform in 1.7 minutes running at the speed of 36 km/hr. Find the difference between the length of the train and the platform.

Ans
- ✓ 1. 162 m
- ✗ 2. 171 m
- ✗ 3. 170 m
- ✗ 4. 159 m

Q.26 What natural feature existed between the Himalayas and the Deccan Plateau before the formation of the Great Plain?

Ans

✗ 1. A mountain range

✗ 2. A deep ocean trench

✓ 3. A shallow trough or geosyncline

✗ 4. A dense forest

Q.27 Find the value of $\frac{\cos 35^\circ}{\sin 55^\circ} + \frac{\sin 11^\circ}{\cos 79^\circ} - 2\cos 27^\circ \operatorname{cosec} 63^\circ$.

Ans

✓ 1. 0

✗ 2. 1

✗ 3. −1

✗ 4. 2

Q.28 Which of the following ratios is greatest?

Ans

✗ 1. 19 : 37

✓ 2. 10 : 15

✗ 3. 15 : 33

✗ 4. 18 : 37

Q.29 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : VXB :: GIM : %

Ans

✗ 1. # = SUY , % = LLP

✓ 2. # = SUY , % = JLP

✗ 3. # = SEY , % = JLP

✗ 4. # = SUY , % = JLL

Q.30 Find the smallest number by which 6760 must be multiplied to make it a perfect square.

Ans

✗ 1. 28

✗ 2. 26

✗ 3. 23

✓ 4. 10

Q.31 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12 - 14 - 16 - 20; 14 - 16 - 18 - 22

Ans

✓ 1. 3 - 5 - 7 - 11

✗ 2. 13 - 15 - 17 - 32

✗ 3. 4 - 8 - 16 - 32

✗ 4. 19 - 20 - 22 - 44

Q.32 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ 1. MOJ
✗ 2. GID
✓ 3. KMG
✗ 4. IKF

Q.33 **Who among the following issued the earliest land grant of the Maitraka family in 502 CE?**

Ans
✗ 1. Shiladitya
✗ 2. Guhasena
✓ 3. Dronasimha
✗ 4. Dharapatta

Q.34 **In the Indian context, population growth in Class I cities is the most influenced by _____.**

Ans
✗ 1. natural increase
✗ 2. religious factors
✗ 3. government employment
✓ 4. migration from rural areas

Q.35 **Kalpana and Sudha got 696 and 584 marks, respectively, in the same examination. If Kalpana scored 87% marks, then what is the percentage of marks scored by Sudha?**

Ans
✓ 1. 73%
✗ 2. 72%
✗ 3. 76%
✗ 4. 74%

Q.36 **Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between A and G. Only three boxes are kept between A and F. F is kept at some place above G. B is kept immediately below F. D is kept at one of the places above E. C is not kept immediately above or below A. How many boxes are kept above D?**

Ans
✗ 1. 2
✗ 2. 3
✗ 3. 1
✓ 4. 4

Q.37 **The speed limit on a highway has the dimension of:**

Ans
✗ 1. Time
✓ 2. Length over time
✗ 3. Time over length
✗ 4. Mass

Q.38 **Morarji Desai was commemorated on his 129th birth anniversary, 29 February 2025, for his contributions to governance reforms in India. Which of the following commissions did he chair in 1966 to restructure the country's governance?**

Ans
✓ 1. 1st Administrative Reforms Commission
✗ 2. Sarkaria Commission
✗ 3. Planning Commission
✗ 4. 1st Finance Commission

Q.39 What was the officer responsible for looking after military stores during the reign of the Gupta Empire called?

Ans
- ✗ 1. Mahapratihara
- ✗ 2. Vishayapati
- ✗ 3. Pilupati
- ✓ 4. Ranabhandagarika

Q.40 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1385762, then what will the sum of the digits that are second from the left and third from the right in the new number thus formed be?

Ans
- ✗ 1. 13
- ✗ 2. 11
- ✗ 3. 10
- ✓ 4. 12

Q.41 In 2024, India became the world's top milk producer with a production of 239 million metric tons. Which government initiative significantly contributed to this achievement?

Ans
- ✓ 1. Rashtriya Gokul Mission
- ✗ 2. National Dairy Development Program
- ✗ 3. White Revolution
- ✗ 4. Operation Milk

Q.42 In MS Excel 2019, what is the primary purpose of the 'Print Preview' feature?

Ans
- ✗ 1. To edit data
- ✓ 2. To view how the sheet will look when printed
- ✗ 3. To zoom into the sheet
- ✗ 4. To save the spreadsheet

Q.43 What is the theme of the Venice Architecture Biennale scheduled to be held in May to November 2025?

Ans
- ✓ 1. Intelligence: Natural. Artificial. Collective
- ✗ 2. Designing Future Societies
- ✗ 3. Sustainable Urban Futures
- ✗ 4. Architecture and Climate Change

Q.44 Which Pulitzer-winning investigative series was titled 'Fentanyl Express'?

Ans
- ✗ 1. The New Yorker
- ✓ 2. Reuters
- ✗ 3. NBC News
- ✗ 4. CNN

Q.45 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All chimpanzees are gorilla.
All gorillas are monkeys.
No monkey is a langur.

Conclusion:
(I) Some langurs are gorillas.
(II) Some monkeys are chimpanzees.

Ans
✗ 1. Neither Conclusion (I) nor (II) follows
✗ 2. Both Conclusions (I) and (II) follow
✗ 3. Only Conclusion (I) follows
✓ 4. Only Conclusion (II) follows

Q.46 Lauren Roberts' novel, third in 'The Powerless' trilogy, is titled:

Ans
✗ 1. Endless
✗ 2. Reckless
✗ 3. Powerless
✓ 4. Fearless

Q.47 What was India's external debt to GDP ratio at the end of September 2024?

Ans
✗ 1. 24.6%
✗ 2. 13.4%
✓ 3. 19.4%
✗ 4. 34%

Q.48 The ratio of three numbers is 5 : 16 : 21. If 20 percent of the first number is 26, what would be 40 percent of the difference of the third and second number?

Ans
✗ 1. 54
✓ 2. 52
✗ 3. 50
✗ 4. 51

Q.49 If the selling price of a bed is 2-times of initial, then the profit is 6-times of initial. Find the initial profit percentage (in %).

Ans
✗ 1. 33.33
✗ 2. 300
✗ 3. 200
✓ 4. 25

Q.50 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Only three people have exams after R. P has the exam immediately after R, but before Q.
S has the exam before U but after V. T has the exam on Sunday.

How many people have exams between P and S?

Ans
✓ 1. Two
✗ 2. One
✗ 3. Four
✗ 4. Three

Q.51 **Which of the following is the SI unit for sound intensity?**

Ans

✗ 1. Metre per second (m/s)

✓ 2. Watt per square metre (W/m^2)

✗ 3. Pascal (Pa)

✗ 4. Watt (W)

Q.52 **Which of the following is the main purpose of using the 'Ctrl + S' keyboard shortcut while working on an MS PowerPoint presentation?**

Ans

✓ 1. To save the current changes made to the file

✗ 2. To close the presentation window immediately

✗ 3. To share the presentation via email

✗ 4. To start a slideshow from the beginning

Q.53 **In a certain code language, 'RACE' is coded as '6259' and 'ANTS' is coded as '7941'. What is the code for 'A' in the given code language?**

Ans

✗ 1. 7

✓ 2. 9

✗ 3. 1

✗ 4. 2

Q.54 **Desert soil is mostly found in which Indian state?**

Ans

✗ 1. Uttar Pradesh

✗ 2. Kerala

✗ 3. Tamil Nadu

✓ 4. Rajasthan

Q.55 **Which British Viceroy described the Congress as representing only a 'microscopic minority' of the Indian population, thereby dismissing its political relevance?**

Ans

✗ 1. Lord Ripon

✗ 2. Lord Lytton

✗ 3. Lord Curzon

✓ 4. Lord Dufferin

Q.56 **What should come in place of the question mark (?) in the given series?**

7 9 13 21 37 ?

Ans

✗ 1. 71

✗ 2. 66

✓ 3. 69

✗ 4. 65

Q.57 **The diameter of a sphere is 2 cm more than the diameter of a smaller sphere. The surface area of the larger sphere is 528 cm^2 more than the surface area of the smaller sphere. What is the diameter (in cm) of the larger sphere?**

$(\text{Use } \pi = \frac{22}{7})$

Ans

✓ 1. 43

✗ 2. 41

✗ 3. 39

✗ 4. 45

Q.58 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
TPY URS VTM WVG ?

Ans
- ✗ 1. XXB
- ✓ 2. XXA
- ✗ 3. XWA
- ✗ 4. XWZ

Q.59 Amita travels a certain distance at a speed of 84 km/hr and double the earlier distance at 28 km/hr. She then returns to the starting point through the same route. If her average speed for the entire journey is 24 km/hr, then what is her speed (in km/hr) for the return journey?

Ans
- ✗ 1. 17.2
- ✗ 2. 16
- ✓ 3. 18
- ✗ 4. 21.5

Q.60 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4275613, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. 0
- ✗ 2. 1
- ✓ 3. 2
- ✗ 4. 3

Q.61 What is the total budget allocation for infrastructure spending in India for 2023-24?

Ans
- ✓ 1. ₹10 lakh crore
- ✗ 2. ₹9 lakh crore
- ✗ 3. ₹7 lakh crore
- ✗ 4. ₹5 lakh crore

Q.62 If α and β are the roots of the equation $x^2 - 6x - 5 = 0$, then find the equation having the roots 3α and 3β.

Ans
- ✗ 1. $x^2 - 18x - 48 = 0$
- ✓ 2. $x^2 - 18x - 45 = 0$
- ✗ 3. $x^2 - 15x + 48 = 0$
- ✗ 4. $x^2 - 15x + 45 = 0$

Q.63 GCKH is related to EAIF in a certain way based on the English alphabetical order. In the same way, JFNK is related to HDLI. To which of the given options is MIQN related, following the same logic?

Ans
- ✗ 1. KGLO
- ✓ 2. KGOL
- ✗ 3. GKLO
- ✗ 4. GKOL

Q.64 The present cost of an apartment is ₹1,70,014. After a year, its cost increased to ₹1,93,900. The percentage increase (rounded off to the nearest integer) in the cost of the apartment is:

Ans
- ✗ 1. 28%
- ✗ 2. 3%
- ✓ 3. 14%
- ✗ 4. 22%

Q.65 The President's power to seek the Supreme Court's opinion on questions of law comes under _____.

Ans
- ✗ 1. Article 226
- ✓ 2. Article 143
- ✗ 3. Article 131
- ✗ 4. Article 136

Q.66 After the revolt of which year did the British implement measures that reduced the proportion of Indian soldiers in the army and increased the number of European soldiers?

Ans
- ✓ 1. 1857
- ✗ 2. 1806
- ✗ 3. 1874
- ✗ 4. 1841

Q.67 The equivalent fraction of 6.555... is:

Ans
- ✓ 1. $\frac{59}{9}$
- ✗ 2. $\frac{61}{3}$
- ✗ 3. $\frac{56}{13}$
- ✗ 4. $\frac{53}{17}$

Q.68 Which Fundamental Right was subjected to additional restrictions by the First Amendment Act of 1951?

Ans
- ✓ 1. Right to Freedom of Speech and Expression
- ✗ 2. Right to Constitutional Remedies
- ✗ 3. Right to Equality
- ✗ 4. Right to Freedom of Religion

Q.69 Overall, the Panchayati Raj system in India is designed to promote:

Ans
- ✗ 1. economic austerity across the country for people's betterment
- ✓ 2. democratic governance and empowerment at the grassroots level
- ✗ 3. international funding for local projects, ensuring adequate development
- ✗ 4. central control over local areas across the country

Q.70 The median of the observations 59, 67, 17, 38, 88, 61, 80, 91, 30, 48 and 80 is:

Ans
- ✓ 1. 61
- ✗ 2. 59
- ✗ 3. 67
- ✗ 4. 58

Q.71 If + means −, − means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?

96 × 6 − 8 ÷ 71 + 26 = ?

Ans
- ✗ 1. 186
- ✗ 2. 194
- ✓ 3. 173
- ✗ 4. 181

Q.72 In January 2025, which woman cricketer received the Polly Umrigar Award from the BCCI?

Ans

✗ 1. Jemimah Rodrigues

✗ 2. Deepti Sharma

✓ 3. Smriti Mandhana

✗ 4. Shefali Verma

Q.73 By the 1970s, Public Sector Units (PSUs) had become dominant in the Indian industry. What criticism did they frequently face?

Ans

✗ 1. Over-reliance on export markets for revenue

✗ 2. Excessive foreign ownership and capital outflow

✗ 3. High competition from private multinational corporations

✓ 4. Operational inefficiencies, low productivity, and financial losses

Q.74 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
PIL NGJ LEH JCF ?

Ans

✗ 1. HBD

✓ 2. HAD

✗ 3. HAE

✗ 4. HBE

Q.75 If $\Delta ABC \sim \Delta PQR$ and $\frac{\text{area}(\Delta ABC)}{\text{area}(\Delta PQR)} = \frac{25}{49}$, then what is the value of AB : PQ?

Ans

✗ 1. $3 : 7$

✗ 2. $2 : 7$

✓ 3. $5 : 7$

✗ 4. $4 : 7$

Q.76 How many poems are included in Behramji Merwanji Malabari's 'The Indian Muse in English Garb'?

Ans

✗ 1. 25

✗ 2. 40

✓ 3. 32

✗ 4. 20

Q.77 Simplify: $\left[(22 \times 6) \times \left\{8 \div 4 \times \left(15 - \frac{11}{4}\right)\right\}\right]$

Ans

✗ 1. 3277

✓ 2. 3234

✗ 3. 3262

✗ 4. 3275

Q.78 Which uprising in Uttar Pradesh, led by Mufti Muhammad Aiwaz, was among the most significant revolts against British rule in India prior to the First War of Independence in 1857?

Ans

✓ 1. Bareilly Uprisings

✗ 2. Santhal Rebellion

✗ 3. Chuar Rebellion

✗ 4. Kol Uprisings

Q.79 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only three people sit between T and R when counted from the left of T. Only three people sit between A and S when counted from the right of S. C sits to the immediate right of A. B is an immediate neighbour of S as well as R. Who sits third to the right of D?

Ans
- ✗ 1. C
- ✓ 2. T
- ✗ 3. S
- ✗ 4. A

Q.80 Which shortcut key is used to create a new blank presentation quickly in MS PowerPoint 365?

Ans
- ✗ 1. Ctrl + O
- ✗ 2. Ctrl + P
- ✗ 3. Shift + N
- ✓ 4. Ctrl + N

Q.81 Which of the following is the function of Ctrl + Shift + V in certain applications like Google Docs or web browsers?

Ans
- ✗ 1. Opens the Find and Replace dialog box
- ✗ 2. Reverts to the previous page in the browser
- ✗ 3. Saves the document as a new file
- ✓ 4. Pastes content without any formatting

Q.82 In a certain code language, 'BOLT' is coded as '4195' and 'TOLD' is coded as '4529'. What is the code for 'D' in the given code language?

Ans
- ✗ 1. 4
- ✓ 2. 2
- ✗ 3. 5
- ✗ 4. 9

Q.83 13 men and 3 women can complete a piece of work in 7 days, and 5 men and 6 women can complete the same work in 18 days. The work of how many women is equivalent to that of one man?

Ans
- ✓ 1. 87
- ✗ 2. 84
- ✗ 3. 88
- ✗ 4. 90

Q.84 A solid metal hemisphere has a radius of 6 cm. If the metal of the hemisphere is melted and recast into a cylindrical shape with the same radius, find the height of the cylinder.

Ans
- ✗ 1. 12 cm
- ✗ 2. 8 cm
- ✗ 3. 6 cm
- ✓ 4. 4 cm

Q.85 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) * # 8 # 5 # 3 3 € 6 7 & # 3 $ € @ 9 # 7 £ 9 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✔ 1. 2
- ✘ 2. 3
- ✘ 3. 1
- ✘ 4. 4

Q.86 TX 12 is related to RS 23 in a certain way. In the same way, GW 2 is related to ER 13. To which of the given options is NR -5 related, following the same logic?

Ans
- ✘ 1. LL 4
- ✔ 2. LM 6
- ✘ 3. KL 6
- ✘ 4. KM 4

Q.87 Which of the following accurately describes the Indian President's role in foreign affairs?

Ans
- ✔ 1. The President appoints ambassadors and conducts diplomatic work in his/her name.
- ✘ 2. The President delegates all foreign affairs responsibilities to the Prime Minister.
- ✘ 3. The President is solely responsible for negotiating international treaties without any advisory input.
- ✘ 4. The President only receives foreign ambassadors but does not appoint them.

Q.88 In a certain code language, 'OILY' is coded as '1357' and 'LACE' is coded as '8643'. What is the code for 'L' in the given language?

Ans
- ✔ 1. 3
- ✘ 2. 5
- ✘ 3. 7
- ✘ 4. 8

Q.89 In renal physiology, which segment of the nephron is most critical for generating the osmotic gradient that concentrates urine?

Ans
- ✘ 1. Collecting duct
- ✔ 2. Loop of Henle
- ✘ 3. Distal convoluted tubule
- ✘ 4. Proximal convoluted tubule

Q.90 5 times the present age of Sujatha is 5 years more than 2 times the present age of Vanita. After 4 years, 3 times the age of Vanita will be 8 years less than 5 times the age of Sujatha. The age of Vanita is k years more than that of Sujatha. What is the value of k?

Ans
- ✔ 1. 2
- ✘ 2. 3
- ✘ 3. 4
- ✘ 4. 5

Q.91 This question is based on the five, three-digit numbers given below.

(Left) 143 656 651 264 282 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

Ans
- ✗ 1. −4
- ✓ 2. −3
- ✗ 3. −2
- ✗ 4. 0

Q.92 Refer to the following number and symbol series and answer the question that follows.
Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) # 1 9 7 $ 9 1 5 2 @ 6 8 # € £ & 8 $ 4 5 9 5 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✓ 1. 3
- ✗ 2. 2
- ✗ 3. 4
- ✗ 4. 5

Q.93 Which category of musical instruments was related to objects of utility in daily life?

Ans
- ✗ 1. Tata Vadya
- ✗ 2. Avanaddh Vadya
- ✓ 3. Ghana Vadya
- ✗ 4. Sushira Vadya

Q.94 A student scores 80 marks in a subject with a weightage of 3 and 90 marks in another subject with a weightage of 2. What is the weighted average score of the student?

Ans
- ✓ 1. 84
- ✗ 2. 88
- ✗ 3. 86
- ✗ 4. 82

Q.95 Two banks, A and B, offered loans at 3.5% and 6.5% per annum, respectively. Keshav borrowed an amount of ₹2,00,000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Keshav after 2 years.

Ans
- ✗ 1. 13,500
- ✗ 2. 13,000
- ✗ 3. 11,500
- ✓ 4. 12,000

Q.96 Piyush ranked 34^{th} from the top and 57^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 91
- ✗ 2. 92
- ✓ 3. 90
- ✗ 4. 89

Q.97 Which of the following correctly characterises the regulatory and structural aspects of the NPS Vatsalya scheme, as launched in 2024?
The scheme is administered by the Pension Fund Regulatory and Development Authority (PFRDA).
Contributions under NPS Vatsalya are pooled into a government-managed consolidated fund without individual accounts.
The scheme allows a smooth shift to a regular NPS account when the subscriber turns 18 years of age.
Upon attaining adulthood, subscribers must compulsorily exit NPS Vatsalya and opt for the Atal Pension Yojana.

Ans
✗ 1. Only 2
✗ 2. 2, 3 and 4
✓ 3. 1 and 3
✗ 4. 1 and 4

Q.98 The average marks of 30 students in a mathematics test were found to be 55. However, it was later discovered that a mark of 72 was mistakenly recorded as 27, and another mark of 64 was mistakenly recorded as 46. What is the actual average score?

Ans
✗ 1. 60.2
✗ 2. 55.5
✗ 3. 63.4
✓ 4. 57.1

Q.99 Mr. Evan starts from Point A and drives 8 km towards the East. He then takes a right turn, drives 19 km, turns right and drives 19 km. He then takes a right turn and drives 9 km. He then taken a right turn, drives 3 km, turns left and drives 6 km. He takes a final right turn, drives 8 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
✗ 1. 3 km to the West
✓ 2. 4 km to the North
✗ 3. 7 km to the North
✗ 4. 9 km to the West

Q.100 Each of the digits in the number 6427519 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
✗ 1. 3
✗ 2. 0
✗ 3. 2
✓ 4. 1

Test Date	18/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 2,50,000 is increasing at a rate of 25% every year?**

Ans
✗ 1. 31,450
✗ 2. 31,250
✗ 3. 32,350
✓ 4. 32,000

Q.2 **Find the smallest number by which 6627 must be multiplied to make it a perfect square.**

Ans
✗ 1. 4
✗ 2. 11
✗ 3. 7
✓ 4. 3

Q.3 **Who administers the oath of office and secrecy to the Union Ministers under Article 75(4) of the Constitution of India?**

Ans
✓ 1. President of India
✗ 2. Prime Minister
✗ 3. Vice President
✗ 4. Chief Justice of India

Q.4 **Two banks, A and B, offered loans at 3.5% and 6% per annum, respectively. Atul borrowed an amount of ₹5,00,000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Atul after 4 years.**

Ans
✓ 1. 50,000
✗ 2. 51,000
✗ 3. 51,500
✗ 4. 49,500

Q.5 **In which year was the Pradhan Mantri Awas Yojana (PMAY), a flagship mission aimed at addressing the urban housing shortage in India, launched?**

Ans
✗ 1. 2018
✗ 2. 2022
✗ 3. 2014
✓ 4. 2015

Q.6 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7125843, then what will the sum of the highest and lowest digits in the new number thus formed be?

Ans
- ✗ 1. 6
- ✗ 2. 7
- ✗ 3. 9
- ✓ 4. 8

Q.7 Which of the following numbers is divisible by 64?

Ans
- ✗ 1. 5129
- ✗ 2. 4797
- ✓ 3. 5760
- ✗ 4. 5327

Q.8 Harry ranked 34^{th} from the top and 25^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 56
- ✗ 2. 59
- ✓ 3. 58
- ✗ 4. 57

Q.9 A shopkeeper buys 20 pens at ₹15 each and another 30 pens at ₹10 each. He mixes all the pens and sells them at ₹14 each. What is the profit or loss per pen he makes on an average?

Ans
- ✗ 1. ₹0.50 loss
- ✗ 2. ₹1 profit
- ✗ 3. ₹0.20 loss
- ✓ 4. ₹2 profit

Q.10 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 3 £ & 1 2 © 2 5 $ 9 3 © 9 4 3 % 9 3 # © 6 2 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✓ 1. 2
- ✗ 2. 4
- ✗ 3. 3
- ✗ 4. 1

Q.11 Which of the following is the greatest number that divides 104 and 133 and leaves 8 and 5 as respective remainders?

Ans
- ✗ 1. 42
- ✓ 2. 32
- ✗ 3. 41
- ✗ 4. 40

Q.12 Which city hosted the International Cooperative Alliance (ICA) Global Cooperative Conference and General Assembly in November 2024?

Ans
- ✗ 1. Bengaluru
- ✗ 2. Hyderabad
- ✓ 3. New Delhi
- ✗ 4. Mumbai

Q.13 The mode of the observations 3, 6, 5, 7, 8, 4, 3, 3, 2, 5, 3, 6, 4, 8 and 5 is:

Ans
- ✗ 1. 7
- ✗ 2. 5
- ✗ 3. 6
- ✓ 4. 3

Q.14 The shorter side of a rectangle is 18 cm less than the longer side. The numerical value of its area is equal to 6 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

Ans
- ✗ 1. 23
- ✗ 2. 21
- ✗ 3. 33
- ✓ 4. 36

Q.15 Find the effective price percentage of the marked price after three consecutive discounts of 8%, 16% and 3%. (Rounded up to two decimal places.)

Ans
- ✗ 1. 73.29%
- ✓ 2. 74.96%
- ✗ 3. 72.61%
- ✗ 4. 74.13%

Q.16 What should come in place of the question mark (?) in the given series?

5 8 17 44 125 ?

Ans
- ✗ 1. 370
- ✗ 2. 360
- ✗ 3. 358
- ✓ 4. 368

Q.17 An electric pump can fill a tank in 6 hours. Due to a leakage in the tank, it takes $7\frac{1}{5}$ hours to fill the tank.

How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

Ans
- ✗ 1. 16 hours
- ✗ 2. 28 hours
- ✓ 3. 36 hours
- ✗ 4. 42 hours

Q.18 In a certain code language, 'DISH' is coded as '4268' and 'HUNT' is coded as '3527'. What is the code for 'H' in the given code language?

Ans
- ✓ 1. 2
- ✗ 2. 7
- ✗ 3. 6
- ✗ 4. 3

Q.19 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : WQM :: TNJ : %

Ans
- ✓ 1. # = ZTP, % = QKG
- ✗ 2. # = KUY, % = QKJ
- ✗ 3. # = MKP, % = QPI
- ✗ 4. # = JTP, % = MWR

Q.20 Which of the following methods is used to create a new folder in Windows 11 OS from Desktop?

Ans

✗ 1. Drag a file to Desktop

✗ 2. Press Alt + F4

✗ 3. Press Ctrl + N

✓ 4. Right-click → Select New → Folder

Q.21 What is the primary benefit of having local self-government institutions like Panchayats in India?

Ans

✗ 1. They solely focus on revenue collection.

✗ 2. They replace the entire administrative framework of the State.

✗ 3. They provide direct access to national policy-making.

✓ 4. They are closest to the people and understand local problems.

Q.22 ΔABC is similar to ΔPQR, $QR = 8$ cm, $BC = 4$ cm and perimeter of $\Delta PQR = 32$ cm. Find the perimeter of ΔABC.

Ans

✗ 1. 64 cm

✗ 2. 48 cm

✓ 3. 16 cm

✗ 4. 24 cm

Q.23 Which provision was introduced in the Constitution of India through the 74th Amendment Act?

Ans

✗ 1. Part X

✓ 2. Part IX-A

✗ 3. Part IX

✗ 4. Part XI

Q.24 Which of the following classical dance forms was performed by 'Maharis' as part of temple service?

Ans

✗ 1. Kathakali

✗ 2. Kathak

✗ 3. Kuchipudi

✓ 4. Odissi

Q.25 A man spends 76% of his monthly salary on the rent of his house. If every month he also spends ₹627 on his conveyance and ₹3,947 on his grocery and saves the remaining ₹712, his monthly salary is:

Ans

✗ 1. ₹22,111

✓ 2. ₹22,025

✗ 3. ₹22,119

✗ 4. ₹22,023

Q.26 As per April 2025, Reserve Bank of India (RBI) allows flexibility in UPI transaction limits for in-person merchant payments, ranging from ₹2 lakh to _____. .

Ans

✗ 1. ₹6 lakh

✗ 2. ₹4 lakh

✓ 3. ₹5 lakh

✗ 4. ₹3 lakh

Q.27 In the 2024 Jammu & Kashmir Assembly elections, from which constituency did the current Chief Minister of J&K contest, and which party does he/she represent?

Ans
- ✗ 1. Ganderbal, Jammu & Kashmir People's Democratic Party (JKPDP)
- ✗ 2. Baramulla, Jammu & Kashmir National Conference (JKNC)
- ✗ 3. Srinagar, Indian National Congress (INC)
- ✓ 4. Ganderbal, Jammu & Kashmir National Conference (JKNC)

Q.28 TN 14 is related to PK 29 in a certain way. In the same way, JD 3 is related to FA 18. To which of the given options is SG -5 related, following the same logic?

Ans
- ✗ 1. OC 8
- ✗ 2. OC 10
- ✓ 3. OD 10
- ✗ 4. OD 8

Q.29 Which mission, launched by ISRO in January 2025, carried the NVS-02 navigation satellite?

Ans
- ✗ 1. PSLV-C55
- ✗ 2. GSLV-F16
- ✗ 3. LVM3-M5
- ✓ 4. GSLV-F15

Q.30 Commemorated on National Science Day, CV Raman established key scientific platforms in India. The scientific journal founded by him was _____.

Ans
- ✗ 1. Nature India
- ✗ 2. Science India Monthly
- ✗ 3. Current Science
- ✓ 4. Indian Journal of Physics

Q.31 In which year was 'Make in India' launched by the Government of India to facilitate investment, foster innovation, enhance skill development, protect intellectual property, and build best in class manufacturing infrastructure in India?

Ans
- ✓ 1. 2014
- ✗ 2. 2015
- ✗ 3. 2016
- ✗ 4. 2019

Q.32 In 2024, the Government of India announced updates to the Defence Acquisition Procedure (DAP), aiming to boost self-reliance in defence manufacturing. Which of the following is NOT an intended objective of the updated DAP 2024?

Ans
- ✓ 1. Streamlining procurement timelines and reducing bureaucratic hurdles
- ✗ 2. Eliminating all private sector participation in defence manufacturing
- ✗ 3. Promoting higher indigenisation requirements for defence contracts
- ✗ 4. Increasing collaboration between Indian defence firms and global OEMs

Q.33 In a certain code language,

'A + B' means 'A is the mother of B'
'A – B' means 'A is the brother of B'
'A x B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is Q related to T if 'P x Q – R + S ÷ T'?

Ans
- ✗ 1. Father's brother's son
- ✗ 2. Mother's mother's brother
- ✓ 3. Father's mother's brother
- ✗ 4. Sister's husband's father

Q.34 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EJM 13, FKN 15, GLO 17, HMP 19, ?

Ans

✗ 1. JNP 22

✓ 2. INQ 21

✗ 3. JRN 22

✗ 4. IOP 21

Q.35 Which of the following key combinations is primarily used to access the File menu in most legacy and standard Windows applications?

Ans

✗ 1. Alt + Insert

✓ 2. Alt + F

✗ 3. Alt + Tab

✗ 4. Alt + Delete

Q.36 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. TL – BV

✗ 2. PH – XR

✓ 3. GY – OJ

✗ 4. ZR – HB

Q.37 Which sequence of steps correctly initiates a blank presentation in MS PowerPoint 2016 or later?

Ans

✓ 1. File → New → Blank Presentation

✗ 2. File → Save As → Blank Template

✗ 3. View → New Window → Blank

✗ 4. Home → Layout → Clear All

Q.38 The mean proportional between $(9 + 4\sqrt{5})$ and $(18 - 8\sqrt{5})$ is:

Ans

✗ 1. $\sqrt{5}$

✗ 2. $\sqrt{15}$

✗ 3. $\sqrt{17}$

✓ 4. $\sqrt{2}$

Q.39 The surface area of a sphere is 25π cm^2. The volume of the sphere is:

Ans

✗ 1. $\frac{509\pi}{3}$ cm^3

✗ 2. $\frac{125\pi}{3}$ cm^3

✗ 3. $\frac{500\pi}{3}$ cm^3

✓ 4. $\frac{125\pi}{6}$ cm^3

Q.40 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

122 ÷ 4 + 65 × 5 − 41 = ?

Ans
- ✔ 1. 516
- ✘ 2. 518
- ✘ 3. 512
- ✘ 4. 522

Q.41 Which of the following physical quantities has the dimension $[M L^{-3}]$?

Ans
- ✘ 1. Energy
- ✔ 2. Density
- ✘ 3. Pressure
- ✘ 4. Work

Q.42 In MS PowerPoint's Slide Master view, what is the primary benefit of customising the top-level master slide versus individual layout masters?

Ans
- ✘ 1. The top-level master is only relevant when exporting the presentation to other formats
- ✔ 2. Customising the top-level master ensures consistency of universal elements across all slide layouts
- ✘ 3. Changes to the top-level master overrides all formatting on individual layout masters
- ✘ 4. Individual layout masters cannot be edited unless the top-level master is modified first

Q.43 On the map of India, the Malwa Plateau is located in which direction relative to the Chotanagpur Plateau?

Ans
- ✘ 1. South
- ✔ 2. West
- ✘ 3. East
- ✘ 4. North

Q.44 Samrath ranked 31st from the top and 13th from the bottom in his class. How many students are there in his class?

Ans
- ✘ 1. 44
- ✘ 2. 42
- ✘ 3. 41
- ✔ 4. 43

Q.45 If $\sec\theta + \tan\theta = 2$, then what is the value of $3\sec\theta + 4$?

Ans
- ✔ 1. $\frac{31}{4}$
- ✘ 2. $\frac{15}{4}$
- ✘ 3. $\frac{17}{4}$
- ✘ 4. $\frac{33}{4}$

Q.46 A shopkeeper fixes the marked price of an item 52% above its cost price. What percentage of discount on the marked price should be allowed to gain 14%?

Ans
- ✘ 1. 28%
- ✘ 2. 22%
- ✘ 3. 27%
- ✔ 4. 25%

Q.47 Consider the following statements regarding the Indian Navy's initiative of Indian Ocean Ship (IOS) Sagar in April 2025.
The IOS Sagar initiative involves the deployment of INS Sunayna to the Southwest Indian Ocean Region (IOR) with a combined crew of India and nine Friendly Foreign Countries (FFCs).
The FFC personnel would undergo training at various naval professional schools at Visakhapatnam.
The ship INS Sunayna was planned to be deployed for over a month in April 2025, undertaking port calls at Dar-es-Salaam, Nacala, Port Louis, Port Victoria and Male.
Which of the above statements are correct?

Ans
✗ 1. 1, 2 and 3
✓ 2. Only 1 and 3
✗ 3. Only 2 and 3
✗ 4. Only 1 and 2

Q.48 Umesh sold an article at a loss of 22%. If he had bought the item at 5% less and had sold it for ₹935 more, then he would have gained 15%. Find the cost price (in ₹) of the article.

Ans
✓ 1. 2,992
✗ 2. 2,839
✗ 3. 3,488
✗ 4. 3,241

Q.49 Who among the following was appointed as the Managing Director of National Agriculture Cooperative Marketing Federation of India Ltd (NAFED), in October 2024?

Ans
✗ 1. Ashok Chandra
✓ 2. Deepak Agarwal
✗ 3. Vipin Kumar
✗ 4. Praveena Rai

Q.50 Which of the following caves are famous for its high citadel?

Ans
✓ 1. Junagadh caves
✗ 2. Ellora caves
✗ 3. Sudama caves
✗ 4. Bagh caves

Q.51 In industrial settings, Freon-12 is most commonly manufactured by which chemical reaction?

Ans
✗ 1. Wurtz reaction
✓ 2. Swarts reaction
✗ 3. Elimination reaction
✗ 4. Substitution reaction

Q.52 This question is based on the five, three-digit numbers given below.

(Left) 107 788 634 346 488 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

Ans
✗ 1. 13
✓ 2. 14
✗ 3. 17
✗ 4. 15

Q.53 Which positive number should replace both question marks in the given equation?

$$\frac{?}{48} = \frac{243}{?}$$

Ans
✗ 1. 105
✗ 2. 123
✗ 3. 96
✓ 4. 108

Q.54 The Lipulekh Pass, important for India's border trade, lies between India and _____.

Ans
✗ 1. Bangladesh
✗ 2. Afghanistan
✗ 3. Bhutan
✓ 4. Tibet (China)

Q.55 Mr. Alex starts from Point A and drives 9 km towards the South. He then takes a left turn, drives 3 km, turns left and drives 19 km. He then takes a left turn and drives 7 km, turns left drives 5 km. He then takes a right turn and drives 4 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

Ans
✓ 1. 8 km to the East
✗ 2. 6 km to the West
✗ 3. 10 km to the East
✗ 4. 4 km to the West

Q.56 As per World Bank's State of Social Protection Report 2025, between 2010 and 2022, social protection coverage in low- and middle-income countries increased from 41% to _____.

Ans
✓ 1. 51%
✗ 2. 47%
✗ 3. 45%
✗ 4. 43%

Q.57 Dipti, Priti, Neeti, Reeti, Swati, Kirti and Jyoti are sitting around a circular table, facing the centre. Dipti sits second to the right of Priti. Jyoti sits to the immediate left of Priti. Swati is an immediate neighbour of both Jyoti and Neeti. Reeti is an immediate neighbour of Priti. Who sits second to the left of Neeti?

Ans
✗ 1. Reeti
✗ 2. Jyoti
✗ 3. Priti
✓ 4. Dipti

Q.58 In a certain code language, 'DEAF' is coded as '6458' and 'FLIP' is coded as '4723'. What is the code for 'F' in the given code language?

Ans
✗ 1. 2
✗ 2. 7
✗ 3. 8
✓ 4. 4

Q.59 With whose assistance did Chandragupta Maurya overthrow the Nanda dynasty?

Ans
✗ 1. Bimbisara
✓ 2. Chanakya
✗ 3. Megasthenes
✗ 4. Bindusara

Q.60 A bike can finish a certain journey in 6 hours at the speed of 92 km/hr. In order to cover the same distance in 3 hours, the speed of the bike (in km/hr) must be increased by ____.

Ans
- ✗ 1. 86
- ✗ 2. 98
- ✓ 3. 92
- ✗ 4. 85

Q.61 What defines a conjoint vascular bundle?

Ans
- ✓ 1. Xylem and phloem present on the same radius
- ✗ 2. Xylem and phloem alternate along the radii
- ✗ 3. Cambium is absent
- ✗ 4. Xylem only on the outer side

Q.62 6 times the present age of Sujatha is 6 years more than 3 times the present age of Vanita. After 7 years, 4 times the age of Vanita will be 6 years less than 6 times the age of Sujatha. The age of Vanita is k years more than that of Sujatha. What is the value of k?

Ans
- ✗ 1. 2
- ✓ 2. 6
- ✗ 3. 7
- ✗ 4. 4

Q.63 A and B complete a work in 6 days. If A alone can do it in 7 days, then B alone can do it in _____ days.

Ans
- ✗ 1. 44
- ✓ 2. 42
- ✗ 3. 43
- ✗ 4. 41

Q.64 What is Lord Thomas Babington Macaulay best known for in the context of British India?

Ans
- ✗ 1. Introducing the Vernacular Press Act
- ✗ 2. Framing the Government of India Act, 1858
- ✓ 3. Drafting the Indian Penal Code and promoting English education
- ✗ 4. Leading the revolt of 1857

Q.65 Eshwar starts from Point Y and drives 13 km towards the south. He then takes a left turn, drives 27 km, turns right and drives 51 km. He then takes a left turn and drives 18 km. He takes a left turn, drives 35 km. He then turns left, drives 45 km, turns left and drives 18 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

Ans
- ✓ 1. 47 km towards the north
- ✗ 2. 42 km towards the east
- ✗ 3. 36 km towards the south
- ✗ 4. 51 km towards the west

Q.66 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ * # % * 8 1 4 2 2 & 4 8 9 8 8 # 6 $ $ * 3 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✔ 1. 2
- ✘ 2. 3
- ✘ 3. 1
- ✘ 4. 4

Q.67 In a certain code language, 'RATS' is coded as '3571' and 'TUBE' is coded as '2146'. What is the code for 'T' in the given code language?

Ans
- ✘ 1. 2
- ✔ 2. 1
- ✘ 3. 7
- ✘ 4. 6

Q.68 Which of the following options is INCORRECT regarding the factors that inflamed the feelings of the Sepoys and led to the Revolt of 1857?

Ans
- ✔ 1. Compulsion on sepoys to wear their caste marks and follow their own caste
- ✘ 2. Forceful conversions to Christianity
- ✘ 3. Act that required every new recruit to give an undertaking to serve overseas
- ✘ 4. Army maintaining chaplains at state cost and promotion of Christian propaganda among the sepoys

Q.69 Which of the following is a tributary of the Yamuna river?

Ans
- ✘ 1. Son
- ✔ 2. Tons
- ✘ 3. Gomti
- ✘ 4. Teesta

Q.70 The mean proportional between 0.09 and 16 is:

Ans
- ✘ 1. 120
- ✘ 2. 12
- ✔ 3. 1.2
- ✘ 4. 0.12

Q.71 The average of 6 numbers is 18. If each number is increased by 5, what will be the new average?

Ans
- ✘ 1. 20
- ✘ 2. 25
- ✔ 3. 23
- ✘ 4. 18

Q.72 If '+' means 'subtraction', '−' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

96 × 8 − 11 ÷ 83 + 22 = ?

Ans
- ✘ 1. 204
- ✔ 2. 193
- ✘ 3. 199
- ✘ 4. 186

Q.73 **Which metal was extensively used for coinage in the Mauryan Empire?**

Ans
- ✗ 1. Gold
- ✗ 2. Iron
- ✓ 3. Silver
- ✗ 4. Copper

Q.74 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:
All bears are cats.
All cats are pandas.
Some bears are tigers.

Conclusions:
(I) Some tigers are cats.
(II) Some pandas are bears.

Ans
- ✗ 1. Neither conclusion (I) nor (II) follows
- ✗ 2. Only conclusion (II) follows
- ✗ 3. Only conclusion (I) follows
- ✓ 4. Both conclusions (I) and (II) follow

Q.75 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**

 # : ACG :: CEI : %

Ans
- ✗ 1. # = WYC , % = GIK
- ✗ 2. # = WYC , % = KIM
- ✗ 3. # = XYC , % = GIM
- ✓ 4. # = WYC , % = GIM

Q.76 **What is the primary purpose of the 'Formula Bar' in MS Excel?**

Ans
- ✗ 1. To insert charts and images
- ✗ 2. To change the background color of cells
- ✓ 3. To display and edit the contents of a cell
- ✗ 4. To navigate between worksheets

Q.77 **The enactment of the first Cooperative Credit Societies Act in 1904 was influenced by which of the following?**

Ans
- ✗ 1. Simon Commission
- ✓ 2. Indian Famine Commission
- ✗ 3. Royal Commission on Agriculture
- ✗ 4. Hunter Commission

Q.78 **Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?**
LEJ21 MFK32 NGL43 OHM54 ?

Ans
- ✗ 1. PIM65
- ✓ 2. PIN65
- ✗ 3. PIM66
- ✗ 4. PIN66

Q.79 The Shillong Plateau is divided into several parts. Which of the following is not a part of it?

Ans
- ✗ 1. Mikir Hills
- ✗ 2. Garo Hills
- ✓ 3. Maikala Range
- ✗ 4. Khasi Hills

Q.80 A boat takes 18 minutes to go 59.4 km upstream. The ratio of the speed of the boat in still water to that of the stream is 3 : 2. How much total time (in hours) will the boat take to go 29.3 km upstream and 51.5 km downstream?

Ans
- ✗ 1. 3.5
- ✗ 2. 2.6
- ✗ 3. 4.5
- ✓ 4. 0.2

Q.81 What was the poverty headcount ratio in urban areas in 2019-21, as per the National Multidimensional Poverty Index 2023?

Ans
- ✗ 1. 19.28%
- ✓ 2. 5.27%
- ✗ 3. 32.59%
- ✗ 4. 8.65%

Q.82 What percentage of the urban population in India lives in slum conditions as per the Census 2011?

Ans
- ✗ 1. 14.7%
- ✗ 2. 18.2%
- ✗ 3. 12.8%
- ✓ 4. 17.4%

Q.83 The doctrine of judicial review originated in which country?

Ans
- ✓ 1. United States of America
- ✗ 2. India
- ✗ 3. United Kingdom
- ✗ 4. France

Q.84 Which power suffered a decisive defeat in the Malabar region during the Battle of Colachel in 1741?

Ans
- ✗ 1. English East India Company
- ✗ 2. Spanish East India Company
- ✗ 3. Austrian East India Company
- ✓ 4. Dutch East India Company

Q.85 The larger of two supplementary angles is 60° more than the smaller one. The smaller angle (in degree) is:

Ans
- ✗ 1. 67°
- ✗ 2. 65°
- ✓ 3. 60°
- ✗ 4. 64°

Q.86 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. D is kept second from the bottom. Only three boxes are kept between D and E. F is kept in one of the positions below D. Only A is kept between E and G. B is kept in one of the positions above E. How many boxes are kept between A and B?

Ans
- ✗ 1. 2
- ✓ 2. 1
- ✗ 3. 3
- ✗ 4. 4

Q.87 Find the sum of roots for the equation $2x^3 + 7x^2 - 9x + 12$.

Ans
- ✗ 1. $\frac{9}{7}$
- ✗ 2. $\frac{9}{2}$
- ✓ 3. $\frac{-7}{2}$
- ✗ 4. $-\frac{2}{7}$

Q.88 If the mode of the following data is 125, then what is the value of x?

Class	110-115	115-120	120-125	125-130	130-135
Frequency	13	31	39	x	15

Ans
- ✗ 1. 48
- ✗ 2. 40
- ✗ 3. 31
- ✓ 4. 39

Q.89 Who among the following has won the Sahitya Akademi Award 2024 in Dogri for his book 'Ik Hor Ashwthama'?

Ans
- ✗ 1. Velu Aasaan
- ✓ 2. Chaman Arora
- ✗ 3. Madhav Kaushik
- ✗ 4. Vilas Dangre

Q.90 Which Indian state hosted the Khelo India Youth Games in 2025?

Ans
- ✓ 1. Bihar
- ✗ 2. Uttar Pradesh
- ✗ 3. West Bengal
- ✗ 4. Madhya Pradesh

Q.91 What has been the trend in the unemployment rate for individuals aged 15 years and above from 2017-18 to 2023-24?

Ans
- ✗ 1. Fluctuated between 5% and 6%
- ✗ 2. Remained constant at 6%
- ✗ 3. Increased from 6% to 7%
- ✓ 4. Decreased from 6% to 3.2%

Q.92 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

LQM : NSN
ETG : GVH

Ans
- ✗ 1. BKL : FJL
- ✗ 2. GHM : KMO
- ✗ 3. WHO : XZQ
- ✓ 4. BRQ : DTR

Q.93 10 is related to 2 following a certain logic. Following the same logic, 45 is related to 9. To which of the following is 50 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✓ 1. 10
- ✗ 2. 5
- ✗ 3. 20
- ✗ 4. 15

Q.94 Find the simplified value of $\left[(17 \times 3) \times \left\{7 \div 7 \times \left(18 - \frac{14}{2}\right)\right\}\right]$.

Ans
- ✗ 1. 102
- ✗ 2. 441
- ✓ 3. 561
- ✗ 4. 321

Q.95 What should come in place of the question mark (?) in the given series?

517, 494, 461, ?, 365, 302

Ans
- ✗ 1. 438
- ✓ 2. 418
- ✗ 3. 428
- ✗ 4. 408

Q.96 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 8731542, what will be the difference between the highest and lowest digits in the number thus formed?

Ans
- ✗ 1. 6
- ✗ 2. 4
- ✗ 3. 5
- ✓ 4. 7

Q.97 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. PS - OR
- ✗ 2. HK - GJ
- ✓ 3. JH - KL
- ✗ 4. LO - KN

Q.98 **Seven friends, K, L, M, N, O, P and S, are sitting in a row facing north. Only two people sit to the left of S. Only three people sit between S and O. K sits second to the right of S. Only two people sit between K and M. L sits at some place to the right of N but at some place to the left of P. How many people sit to the right of L?**

Ans

✔ 1. Three

✘ 2. Four

✘ 3. Two

✘ 4. One

Q.99 The sum of the ages of Ramesh and Mahesh is $(2x^2 - 3x^2y + y^2 + 3xy^2)$ years. Age of Ramesh is $(x^2 + 3x^2y + y^2 + 3xy^2)$ years. Find the age of Mahesh.

Ans

✔ 1. $(x^2 - 6x^2y)$ years

✘ 2. $(x^2 - 6xy)$ years

✘ 3. $(x^2 + 6xy)$ years

✘ 4. $(x^2 + 6x^2y)$ years

Q.100 **A person who spends 55% of his monthly income is able to save ₹6,408 per month. His monthly expenses (in ₹) are:**

Ans

✔ 1. 7,832

✘ 2. 7,834

✘ 3. 7,873

✘ 4. 7,843

Test Date	18/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Privatisation was a key pillar of the New Economic Policy of 1991. Which of the following is NOT a form of privatisation?**

Ans
✗ 1. Disinvestment
✗ 2. Asset monetisation
✓ 3. Sovereign borrowing
✗ 4. Strategic sale

Q.2 **Mr. Yanki starts from Point A and drives 17 km towards the South. He then takes a right turn, drives 19 km, turns right and drives 29 km. He then takes a right turn and drives 15 km, turns right drives 1 km. He then takes a left turn drives 6 km. He takes a final right turn, drives 11 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)**

Ans
✗ 1. 4 km to the South
✓ 2. 2 km to the West
✗ 3. 6 km to the East
✗ 4. 8 km to the North

Q.3 India's dependency on food aid reduced after the Green Revolution. Which US program had earlier provided wheat aid to India?

Ans
✓ 1. PL-480
✗ 2. KL-580
✗ 3. Green Aid
✗ 4. Marshall Plan

Q.4 **Which of the following numbers is divisible by 87?**

Ans
✓ 1. 8004
✗ 2. 8088
✗ 3. 7150
✗ 4. 7835

Q.5 **The sides (in cm) of a right triangle are (x − 5), (x − 10) and x. Its area (in cm^2) is:**

Ans
✓ 1. 150
✗ 2. 162
✗ 3. 158
✗ 4. 163

Q.6 4 chairs and 14 tables cost ₹4,000 and 16 chairs and 12 tables cost ₹5,000. What is the cost of 8 chairs and 4 tables?

Ans
- ✗ 1. ₹2,002
- ✗ 2. ₹1,998
- ✗ 3. ₹2,004
- ✓ 4. ₹2,000

Q.7 Which Indian states are covered under the CITI-CDRA project as of March 2025?

Ans
- ✗ 1. Odisha, West Bengal, Assam
- ✗ 2. Tamil Nadu, Karnataka, Kerala
- ✗ 3. Gujarat, Haryana, Punjab
- ✓ 4. Rajasthan, Madhya Pradesh, Maharashtra

Q.8 In a class of 30 students, the average score on a test is 75. If 20 students scored an average of 80, what is the average score of the remaining 10 students?

Ans
- ✓ 1. 65
- ✗ 2. 70
- ✗ 3. 72
- ✗ 4. 60

Q.9 In March 2025, the Indian Government has introduced a _____ incentive scheme for banks to encourage small-value UPI transactions in the financial year 2024-25?

Ans
- ✓ 1. ₹1,500 crore
- ✗ 2. ₹1,600 crore
- ✗ 3. ₹1,700 crore
- ✗ 4. ₹1,800 crore

Q.10 Which of the following films was selected as India's official entry for Oscar 2025?

Ans
- ✗ 1. Animal
- ✓ 2. Laapataa Ladies
- ✗ 3. Jawan
- ✗ 4. 12^{th} Fail

Q.11 If the third proportional of 81 and Z is 9, then what is the positive value of Z?

Ans
- ✗ 1. 25
- ✗ 2. 28
- ✓ 3. 27
- ✗ 4. 30

Q.12 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
RCX TDS VEN XFI ?

Ans
- ✗ 1. ZHE
- ✗ 2. ZIE
- ✗ 3. ZIF
- ✓ 4. ZGD

Q.13 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only)

(Left) & # 9 % 6 4 % © @ & 6 4 6 7 © 9 8 5 % 9 © 7 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
✗ 1. 3
✗ 2. 4
✓ 3. 2
✗ 4. 1

Q.14 India's telecom revolution is a major outcome of liberalisation. Which regulatory authority was established in 1997 to oversee the telecom sector?

Ans
✓ 1. TRAI
✗ 2. SEBI
✗ 3. NABARD
✗ 4. IRDAI

Q.15 L is the mother of two sons, namely, P and J. F is the wife of P. Q is the daughter of J. How is L related to Q?

Ans
✗ 1. Husband's mother
✓ 2. Father's mother
✗ 3. Mother's mother
✗ 4. Mother

Q.16 Fenil starts from Point Y and drives 19 km towards the west. He then takes a left turn, drives 49 km, turns left and drives 12 km. He then takes a left turn and drives 28 km. He takes a left turn and drives 38 km. He then turns right and drives 21 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90 degree turns only unless specified.)

Ans
✗ 1. 51 km towards the south
✗ 2. 39 km towards the west
✗ 3. 41 km towards the south
✓ 4. 45 km towards the east

Q.17 The average weight of M and his three friends is 65 kg. If M's weight is 8 kg more than the average weight of his three friends, what is M's weight (in kg)?

Ans
✗ 1. 70
✓ 2. 71
✗ 3. 68
✗ 4. 69

Q.18 In a certain code language, ‘FISH’ is coded as ‘6458’ and ‘HAVE’ is coded as ‘5723’. What is the code for ‘H’ in the given code language?

Ans
✓ 1. 5
✗ 2. 7
✗ 3. 8
✗ 4. 2

Q.19 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HKO : FJM
DPY : BOW

Ans
✗ 1. WGO : SCJ
✗ 2. BPS : AKI
✓ 3. TRK : RQI
✗ 4. BZI : WVD

Q.20 When the difference between compound interest, compounded annually, and simple interest for three years is ₹228 at 4% interest per annum, the principal is ₹_____.

Ans
✗ 1. 46,300
✗ 2. 48,075
✗ 3. 47,295
✓ 4. 46,875

Q.21 Which zone of the Great Indian Plains has high humidity and marshy conditions?

Ans
✗ 1. Bhangar
✗ 2. Bhabar
✗ 3. Delta
✓ 4. Terai

Q.22 A sum, when invested at 20% simple interest per annum, amounts to ₹4,800 after 3 years. What is the simple interest (in ₹) on the same sum at the same rate in 1 year?

Ans
✗ 1. 2,400
✗ 2. 1,200
✓ 3. 600
✗ 4. 300

Q.23 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All birds are omnivores.
All omnivores are lions.
Some birds are reptiles.

Conclusions:
(I) Some omnivores are reptiles.
(II) Some reptiles are lions.

Ans
✓ 1. Both conclusions (I) and (II) follow.
✗ 2. Only conclusion (I) follows.
✗ 3. Only conclusion (II) follows.
✗ 4. Either conclusion (I) or (II) follows.

Q.24 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.
No one has the exam before V. Only four people have exams between P and R. Q has the exam immediately before R. T has the exam before U but after S.

How many people have exams between S and R?

Ans
✓ 1. Three
✗ 2. Four
✗ 3. One
✗ 4. Two

Q.25 A salesman marks his good 84% above the cost price and gives a discount of 50% on them. Find the percentage of this gain or loss.

Ans

✗ 1. 5% gain

✗ 2. 9% loss

✓ 3. 8% loss

✗ 4. 6% gain

Q.26 Which of the following statements is NOT correct with reference to the periodic trend of metallic character?

Ans

✗ 1. Metallic character decreases across a period from left to right.

✓ 2. Metallic character increases across a period from left to right.

✗ 3. Metallic character increases down a group.

✗ 4. The change from metallic to non-metallic is gradual.

Q.27 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has an exam on Friday. Exactly 3 people have an exam between P and U, neither of whom has on exam on Sunday. S has an exam immediately after Q. V has an exam immediately before U. How many people have an exam after S?

Ans

✓ 1. 3

✗ 2. 1

✗ 3. 4

✗ 4. 2

Q.28 A, B, C, D, E, F, and G are sitting around a circular table facing the centre.
A sits to the immediate left of G. D sits to the immediate left of B. B sits second to the left of F. E sits third to the left of G.
How many people sit between C and F when counted from the left of C?

Ans

✓ 1. Two

✗ 2. One

✗ 3. Three

✗ 4. Four

Q.29 Who among the following has become the first woman officer to take over as the Director General, Armed Forces Medical Services, in October 2024?

Ans

✗ 1. Vijaya Kishore Rahatkar

✗ 2. Deena Mehta

✓ 3. Arti Sarin

✗ 4. Anju Rathi Rana

Q.30 What should come in place of the question mark (?) in the given series?

319, 296, 263, ?, 167, 104

Ans

✓ 1. 220

✗ 2. 200

✗ 3. 210

✗ 4. 230

Q.31 What is the median of the following data?

74, 85, 67, 27, 47, 16, 41, 32, 98, 38, 88

Ans

✗ 1. 46.5

✓ 2. 47

✗ 3. 47.5

✗ 4. 48

Q.32 If 12 , 60 , 13 , and y are in proportion, then the value of y is:

Ans
✗ 1. 63
✓ 2. 65
✗ 3. 72
✗ 4. 56

Q.33 In a certain code language, 'NEAR' is coded as '3571' and 'WINK' is coded as '2346'. What is the code for 'N' in the given code language?

Ans
✗ 1. 7
✗ 2. 4
✗ 3. 1
✓ 4. 3

Q.34 Three numbers are in the ratio 3 : 2 : 13, and their LCM is 4758. Their HCF is _____.

Ans
✗ 1. 46
✗ 2. 64
✓ 3. 61
✗ 4. 75

Q.35 A bike can finish a certain journey in 20 hours at the speed of 66 km/hr. In order to cover the same distance in 15 hours, the speed of the bike (in km/hr) must be increased by ____.

Ans
✗ 1. 25
✗ 2. 18
✗ 3. 14
✓ 4. 22

Q.36 A cube of side 5 cm and a cuboid of measurements 35 cm,15 cm and 15 cm, respectively, of the same metal are melted and made into cubes of side 10 cm each. The number of cubes of side 10 cm thus formed is:

Ans
✗ 1. 9
✗ 2. 10
✗ 3. 7
✓ 4. 8

Q.37 What does PCB stand for in electric circuits?

Ans
✓ 1. Printed Circuit Board
✗ 2. Peripheral Circuit Bridge
✗ 3. Programmed Control Base
✗ 4. Process Control Board

Q.38 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

117 ÷ 7 + 426 × 6 − 66 = ?

Ans
✗ 1. 811
✗ 2. 804
✗ 3. 809
✓ 4. 814

Q.39 **This question is based on the five, three-digit numbers given below.**

(Left) 853 628 981 217 132 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

Ans

✗ 1. 12

✓ 2. 9

✗ 3. 8

✗ 4. 10

Q.40 **Which department at the Indian Institute of Science (IIS) led the 2025 research project on synthetic image generation for MR applications?**

Ans

✗ 1. Department of Computer Science

✗ 2. Department of Mechanical Engineering

✓ 3. Department of Design and Manufacturing

✗ 4. Department of Artificial Intelligence

Q.41 **A person who spends 32% of his monthly income is able to save ₹7,752 per month. His monthly expenses (in ₹) are:**

Ans

✗ 1. 3,846

✗ 2. 3,864

✓ 3. 3,648

✗ 4. 3,684

Q.42 **Cardiomyocytes rely heavily on which mechanism to maintain their membrane potential and ensure proper contraction?**

Ans

✗ 1. Passive diffusion through gap junctions only

✗ 2. Endocytosis of extracellular fluid

✗ 3. Facilitated diffusion of nutrients exclusively

✓ 4. A combination of voltage-gated ion channels and active ion pumps

---

Q.43 **Find the simplified value of [525 ÷ {19 + 7 × (3 - 5)}].**

Ans

✗ 1. 102

✓ 2. 105

✗ 3. 108

✗ 4. 104

Q.44 If $\sin A = \frac{3}{4}$, then calculate $\cos A \cot A$.

Ans

✗ 1. $\frac{12}{7}$

✓ 2. $\frac{7}{12}$

✗ 3. $\frac{6}{7}$

✗ 4. $\frac{7}{6}$

Q.45 The curved surface area of a right circular cone is 4335π cm^2, and the diameter of its base is 102 cm. Find the height (in cm) of the cone.

Ans
- ✔ 1. 68
- ✘ 2. 64
- ✘ 3. 63
- ✘ 4. 69

Q.46 Find the smallest number by which 4232 must be multiplied to make it a perfect square.

Ans
- ✘ 1. 23
- ✘ 2. 3
- ✘ 3. 11
- ✔ 4. 2

Q.47 In which landmark case did the Supreme Court of India rule that the Council of Ministers DOES NOT cease to hold office even after the dissolution of the Lok Sabha?

Ans
- ✘ 1. Golaknath vs. State of Punjab, 1967
- ✘ 2. Kesavananda Bharati vs. State of Kerala, 1973
- ✔ 3. UNR Rao vs. Indira Gandhi, 1971
- ✘ 4. SR Bommai vs. Union of India, 1994

Q.48 Who among the following travelled from Bithoor to Kalpi, Delhi and Lucknow in 1857 to rally the support of native princes for an uprising against the British?

Ans
- ✘ 1. Bahadur Shah Zafar
- ✔ 2. Nana Saheb
- ✘ 3. Rani of Jhansi
- ✘ 4. Tantia Tope

Q.49 If the quadratic equations $6x^2 - 7x - 20 = 0$ and $6x^2 + bx - 10 = 0$ have one root in common, find the value of b.

Ans
- ✔ 1. −11
- ✘ 2. 11
- ✘ 3. 10
- ✘ 4. −10

Q.50 The population of a town in 1968 was 4,85,000. If its population increased in two successive decades by 20% in each decade, the population of the town in 1988 was:

Ans
- ✘ 1. 6,98,405
- ✘ 2. 6,98,395
- ✔ 3. 6,98,400
- ✘ 4. 6,98,397

Q.51 Prime Minister Rajiv Gandhi initiated the Seventh Five-Year Plan (1985–90) in India. Which of the following was a key focus area of the Seventh Five-Year Plan?

Ans
- ✘ 1. Privatisation
- ✘ 2. Liberalisation
- ✔ 3. Modernisation and technology upgrade
- ✘ 4. Structural reforms

Q.52 Which of the following actions will create a new folder on a Windows desktop?

Ans
- ✘ 1. Clicking on the Recycle Bin icon
- ✘ 2. Pressing Alt + Tab
- ✘ 3. Pressing Ctrl + F
- ✔ 4. Right-clicking on the desktop and selecting 'New' → 'Folder'

Q.53 Gaddi Nati is the famous folk dance of which of the following States?

Ans
- ✗ 1. Uttar Pradesh
- ✗ 2. Andhra Pradesh
- ✗ 3. Madhya Pradesh
- ✓ 4. Himachal Pradesh

Q.54 What is the typical direction of jet streams influencing the Indian climate in winter?

Ans
- ✓ 1. West to east
- ✗ 2. Southwest to northeast
- ✗ 3. East to west
- ✗ 4. Southeast to northwest

Q.55 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KDG 19 LEH 30 MFI 41 NGJ 52 ?

Ans
- ✗ 1. OHL 64
- ✗ 2. OHK 64
- ✓ 3. OHK 63
- ✗ 4. OHL 63

Q.56 Which of the following pairs is an acid-base conjugate pair?

Ans
- ✗ 1. H^+ and O^{2-}
- ✗ 2. HCl and Cl_2
- ✓ 3. NH_4^+ and NH_3
- ✗ 4. H_2O and H_2O_2

Q.57 For which of the given bills can the President of India summon a joint sitting of both Houses of Parliament?

1. Ordinary Bill
2. Money Bill
3. Constitutional Amendment Bill

Ans
- ✗ 1. 1, 2 and 3
- ✗ 2. 1 and 2 only
- ✓ 3. 1 only
- ✗ 4. 2 and 3 only

Q.58 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: IKO :: TVZ : %

Ans
- ✓ 1. # = EGK , % = XZD
- ✗ 2. # = FGK , % = XZD
- ✗ 3. # = ELK , % = XZD
- ✗ 4. # = EGK , % = YZD

Q.59 What happens if a no-confidence motion is passed in the Indian Lok Sabha against the union government?

Ans
- ✓ 1. The entire Council of Ministers must resign.
- ✗ 2. The Prime Minister is given a chance to reorganise the Cabinet.
- ✗ 3. Only the dissenting ministers resign.
- ✗ 4. A re-election is triggered.

Q.60 **In a certain code language, 'BEAR' is coded as '4567' and 'RUIN' is coded as '1234'. What is the code for 'R' in the given code language?**

Ans

✔ 1. 4

✘ 2. 7

✘ 3. 2

✘ 4. 1

Q.61 **In April 2025, India implemented a standardised curriculum in Himalayan Buddhist monasteries. What was the primary objective of this initiative?**

Ans

✘ 1. To convert monasteries into secular schools

✘ 2. To reduce the number of monasteries in border areas

✔ 3. To promote Chinese language education

✘ 4. To integrate modern subjects alongside traditional teachings

Q.62 **In MS PowerPoint, what is the significance of the aspect ratio setting (e.g. 16 : 9, 4 : 3) when you are setting up your slide size?**

Ans

✘ 1. It controls the number of slides that can be included in the presentation.

✔ 2. It defines the proportions of the slide displayed on the screen, influencing how the content is laid out and how it appears on different display devices.

✘ 3. It sets the default font size and style for all text boxes in the presentation.

✘ 4. It determines the file size of the saved presentation.

Q.63 **Which of the following memory types is also called solid-state storage?**

Ans

✘ 1. Crystal Storage

✘ 2. Primary Memory

✘ 3. Cache Memory

✔ 4. Flash Memory

Q.64 **What does 'Dhamma' primarily refer to in Ashoka's inscriptions?**

Ans

✘ 1. Buddhist doctrine

✘ 2. Royal decree

✘ 3. Slogans of Buddha

✔ 4. Moral law

Q.65 **Which irrigation system is commonly used in arid regions of India to conserve water by directly delivering irrigation water to the roots of plants?**

Ans

✘ 1. Tank irrigation

✔ 2. Drip irrigation

✘ 3. Sprinkler irrigation

✘ 4. Canal irrigation

Q.66 **3 men and 14 women can complete a piece of work in 18 days, and 11 men and 8 women can complete the same work in 12 days. The work of how many women is equivalent to that of one man?**

Ans

✘ 1. 5

✔ 2. 2

✘ 3. 3

✘ 4. 4

Q.67 **What was the theme of the World Sustainable Development Summit 2025?**

Ans

✗ 1. Partnership for Accessing Sustainable Development and Climate Solutions

✗ 2. Partnership for Approaching Sustainable Development and Climate Change

✓ 3. Partnership for Accelerating Sustainable Development and Climate Solutions

✗ 4. Partnerships for Accessing Supportive Development and Climate Solutions

Q.68 What is the median of the following distribution?

Class	140-190	190-240	240-290	290-340	340-390
Frequency	14	37	28	39	12

Ans

✓ 1. 265

✗ 2. 251

✗ 3. 275

✗ 4. 250

Q.69 **Which city did PM Modi and President Macron visit to inaugurate a new Indian consulate in February 2025?**

Ans

✗ 1. Baku

✓ 2. Marseille

✗ 3. Lyon

✗ 4. Toulouse

Q.70 **In which early INC session was the demand first raised for the Indianisation of the higher administrative services, including the civil services?**

Ans

✗ 1. Calcutta Session, 1886

✓ 2. Bombay Session, 1885

✗ 3. Allahabad Session, 1890

✗ 4. Madras Session, 1887

Q.71 **What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '–' and '×' and '÷' are interchanged?**

44 ÷ 8 + 5 × 1 + 7 = ?

Ans

✓ 1. 340

✗ 2. 300

✗ 3. 400

✗ 4. 250

Q.72 **Which feature allows you to create a multi-level numbered list (e.g., 1.1, 1.2) in MS Word 2019?**

Ans

✓ 1. Define New Multilevel List

✗ 2. Format Painter

✗ 3. Change Styles option

✗ 4. Increase Indent button

Q.73 **In March 2025, Ordnance Factories Day was observed to commemorate the founding of India's first ordnance factory in _____.**

Ans

✗ 1. Hyderabad

✗ 2. Jabalpur

✗ 3. Pune

✓ 4. Cossipore

Q.74 The farming system that involves both crop cultivation and livestock raising is known as:

Ans
- ✗ 1. Plantation farming
- ✗ 2. Terrace agriculture
- ✗ 3. Subsistence farming
- ✓ 4. Mixed farming

Q.75 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 5634812, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. 1
- ✓ 2. 3
- ✗ 3. 2
- ✗ 4. 0

Q.76 TQ = 6 cm is a tangent to the circle and TPX is a secant. If TP = y cm and PX = 5 cm, find y.

Ans
- ✓ 1. 4
- ✗ 2. 6
- ✗ 3. 5
- ✗ 4. 3

Q.77 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. Only four boxes are kept between C and D. Only E is kept above C. Only two boxes are kept between F and A. G is kept immediately above B. A is not kept immediately above G. How many boxes are kept above F?

Ans
- ✗ 1. 4
- ✗ 2. 1
- ✓ 3. 2
- ✗ 4. 3

Q.78 Which of the following novels, published in 1961, was written by Attia Hosain and portrays the impact of the Partition on a feudal family?

Ans
- ✗ 1. Midnight's Children
- ✗ 2. Clear Light of Day
- ✓ 3. Sunlight on the Broken Column
- ✗ 4. Ice Candy Man

Q.79 GF 7 is related to EA -10 in a certain way. In the same way, UG 14 is related to SB -3. To which of the given options is LN 2 related, following the same logic?

Ans
- ✗ 1. II -13
- ✗ 2. JJ -14
- ✗ 3. IJ -15
- ✓ 4. JI -15

Q.80 Following the 2024 Jammu & Kashmir Assembly elections, who was appointed as the Deputy Chief Minister, and which political party does he represent?

Ans
- ✗ 1. Ghulam Ahmad Mir, Indian National Congress (INC)
- ✗ 2. Surinder Kumar Choudhary, Indian National Congress (INC)
- ✗ 3. Ravinder Raina, Bharatiya Janata Party (BJP)
- ✓ 4. Surinder Kumar Choudhary, Jammu & Kashmir National Conference (JKNC)

Q.81 **Which union territory was added to India by the Fourteenth Amendment Act, 1962?**

Ans
- ✔ 1. Puducherry
- ✘ 2. Lakshadweep
- ✘ 3. Daman and Diu
- ✘ 4. Goa

Q.82 **If the manufacturer gains 10%, the wholesale gains 16% and the retailer gains 25%, then find the cost of production of a table (in ₹), whose retail price for the customer is ₹63,800.**
(NOTE: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customer.)

Ans
- ✔ 1. 40,000
- ✘ 2. 50,000
- ✘ 3. 44,000
- ✘ 4. 46,400

Q.83 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ 1. VP – DX
- ✘ 2. ZT – HB
- ✔ 3. DX – LE
- ✘ 4. HB – PJ

Q.84 **A and B can do a piece of work in 13 days and 52 days, respectively. Both work for 2 days and then A goes away. How long (in days) will B take to complete the remaining work?**

Ans
- ✔ 1. 42
- ✘ 2. 44
- ✘ 3. 43
- ✘ 4. 41

Q.85 A man has to cover a distance of 549 km in 8 hours. If he covers $\frac{2}{3}$ of this distance in $\frac{3}{4}$ of the time, then what should be his speed (in km/hr) to cover the remaining distance in the time left?

Ans
- ✔ 1. 91.5
- ✘ 2. 96.5
- ✘ 3. 71.5
- ✘ 4. 82.5

Q.86 **An article's cost price is ₹285, and the marked price is mentioned as ₹1,140. What is the profit percentage of the seller if he sells it by allowing a discount of 70% on the marked price?**

Ans
- ✘ 1. 17%
- ✘ 2. 19%
- ✘ 3. 23%
- ✔ 4. 20%

Q.87 This question is based on the five, three-digit numbers given below.

(Left) 441 317 999 155 444 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans
- ✔ 1. −8
- ✘ 2. −9
- ✘ 3. −5
- ✘ 4. −7

Q.88 LIQM is related to JGOK in a certain way based on the English alphabetical order. In the same way, IFNJ is related to GDLH. To which of the given options is OLTP related, following the same logic?

Ans
- ✘ 1. JMRN
- ✘ 2. JMNR
- ✘ 3. MJNR
- ✔ 4. MJRN

Q.89 The length, breadth and height of a cuboid are $(2x - 5y + 3)$ m, $(5x + 7y - 7)$ m and $(x + y + 3)$ m, respectively. Find the perimeter of the cuboid.

Ans
- ✘ 1. $(32x + 12y + 4)$ m
- ✔ 2. $(32x + 12y - 4)$ m
- ✘ 3. $(16x - 12y + 8)$ m
- ✘ 4. $(16x - 12y - 8)$ m

Q.90 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only one person sits between T and S when counted from the right of T. Only one person sits between S and C. Only one person sits between T and R. Only two people sit between A and C. Only one person sits between B and R. Who sits third to the right of D?

Ans
- ✘ 1. C
- ✘ 2. A
- ✘ 3. T
- ✔ 4. S

Q.91 The royal title used by Chandragupta I was:

Ans
- ✘ 1. Chakravartin
- ✔ 2. Maharajadhiraja
- ✘ 3. Samrat
- ✘ 4. Maharaj

Q.92 What will come in place of the question mark (?) in the following equation if '÷' and '–' are interchanged and '×' and '+' are interchanged?

522 × 708 – 59 + 19 ÷ 17 = ?

Ans
- ✔ 1. 733
- ✘ 2. 567
- ✘ 3. 379
- ✘ 4. 768

Q.93 If $a^2 + b^2 = 163$, $a \times b = 27$ and $a > b$, then find the value of $\frac{a - b}{a + b}$.

Ans
✔ 1. $\sqrt{\frac{109}{217}}$

✘ 2. $\frac{109}{217}$

✘ 3. $\sqrt{\frac{119}{227}}$

✘ 4. $\frac{119}{227}$

Q.94 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✘ 1. NJGB

✘ 2. TPMH

✘ 3. AWTO

✔ 4. EAYS

Q.95 **Which two policy areas are explicitly managed by the Union Cabinet in India as part of its coordinating functions?**

Ans
✘ 1. Agriculture and Labour

✘ 2. Tourism and Sports

✘ 3. Education and Health

✔ 4. Foreign Relations and Defence

Q.96 **Which international event focused on climate change was held in Baku, Azerbaijan, in November 2024?**

Ans
✘ 1. COP28

✘ 2. Earth Summit 2024

✔ 3. COP29

✘ 4. Global Climate Forum

Q.97 **What should come in place of the question mark (?) in the given series?**

12 29 63 131 267 ?

Ans
✘ 1. 531

✘ 2. 543

✘ 3. 521

✔ 4. 539

Q.98 **Which of the following statements regarding the 2024 Haryana Assembly elections are correct?**

1. The BJP formed the government for a third consecutive term in Haryana.
2. The Indian National Lok Dal (INLD) secured 2 seats in the election.
3. Independent candidates secured more than 5 seats in the assembly.
4. The majority mark in the Haryana Legislative Assembly was 48 seats.

Ans

✗ 1. Only 2 and 3

✗ 2. Only 1 and 3

✓ 3. Only 1 and 2

✗ 4. Only 1, 2 and 4

Q.99 **Which institution was established in 1921 as a deliberative body for princes?**

Ans

✗ 1. Indian Council

✗ 2. Royal Consultation Board

✗ 3. Imperial Assembly

✓ 4. Chamber of Princes

Q.100 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(88, 76, 64)
(71, 59, 47)

Ans

✗ 1. (40, 38, 36)

✓ 2. (64, 52, 40)

✗ 3. (99, 77, 55)

✗ 4. (58, 46, 24)

Test Date	19/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1	**KARJ is related to NDUM in a certain way based on the English alphabetical order. In the same way, PLBF is related to SOEI. To which of the following is SCHQ related, following the same logic?**
Ans	✗ 1. UFNR
	✗ 2. VELT
	✓ 3. VFKT
	✗ 4. UEMR

Q.2	**The mode of the observations 35, 32, 28, 27, 25, 32, 31, 27, 32, 30, 32, 27, 31, 34, 32 and 22 is:**
Ans	✗ 1. 28
	✓ 2. 32
	✗ 3. 35
	✗ 4. 27

Q.3	**What should come in place of the question mark (?) in the given series?** **327, 304, 271, ?, 175, 112**
Ans	✗ 1. 248
	✗ 2. 218
	✓ 3. 228
	✗ 4. 238

Q.4	**Which Indian Bank has outlined the details of its Embassy Deposits, which are exclusively available to diplomats, non-diplomatic staff and diplomatic missions in March 2025?**
Ans	✓ 1. HDFC Bank
	✗ 2. Bandhan Bank
	✗ 3. Bank of Baroda
	✗ 4. Axis Bank

Q.5	**If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7643185, what will be difference between the highest and lowest digits in the number thus formed?**
Ans	✗ 1. 4
	✗ 2. 7
	✗ 3. 5
	✓ 4. 6

Q.6	In which year was the Smart Cities Mission launched to enhance the quality of life in 100 selected cities by providing efficient services, robust infrastructure, and a sustainable environment?
Ans	✔ 1. 2015
	✘ 2. 2012
	✘ 3. 2014
	✘ 4. 2013

Q.7	If the selling price of a bed is 2-times of initial, then the profit is 7-times of initial. Find the initial profit percentage (in %).
Ans	✘ 1. 250
	✔ 2. 20
	✘ 3. 28.57
	✘ 4. 350

Q.8	What was a notable feature of the 'Tiger Triumph 2025' joint military exercise between India and the United States?
Ans	✘ 1. Exclusive focus on counter-terrorism operations
	✔ 2. Inclusion of the United States Space Force for the first time
	✘ 3. Participation limited to naval forces only
	✘ 4. Conducted solely in the Arabian Sea region

Q.9	Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	✘ 1. IJ - DE
	✘ 2. GH - BC
	✘ 3. LM - GH
	✔ 4. MN - PD

Q.10	Two numbers are in the ratio 7 : 11. If the first number is increased by 10 and the second number is decreased by 20, then the ratio becomes 2 : 3. What is the sum of the original two numbers?
Ans	✘ 1. 1240
	✘ 2. 1254
	✔ 3. 1260
	✘ 4. 1268

Q.11	Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) 11 - 22 - 44 - 45; 3 - 6 - 12 - 13
Ans	✘ 1. 1 - 2 - 3 - 6
	✘ 2. 19 - 20 - 22 - 44
	✔ 3. 4 - 8 - 16 - 17
	✘ 4. 13 - 14 - 15 - 20

Q.12	Who among the following is responsible for implementing decisions made by a Municipal Corporation's council and standing committees in India?
Ans	✗ 1. Deputy Mayor
	✗ 2. Standing Committee Head
	✓ 3. Municipal Commissioner
	✗ 4. Chairman

Q.13	If a + b = 33, and a - b = 37, find the value of $(a + b)^2$.
Ans	✗ 1. 1152
	✗ 2. 1101
	✓ 3. 1089
	✗ 4. 1181

Q.14	In a certain code language, 'PEAR' is coded as '7481' and 'DEAR' is coded as '7154'. What is the code for 'D' in the given code language?
Ans	✗ 1. 7
	✗ 2. 4
	✗ 3. 1
	✓ 4. 5

Q.15	Who among the following first coined the term 'judicial activism'?
Ans	✗ 1. Justice PN Bhagwati
	✗ 2. Justice VR Krishna Iyer
	✗ 3. DA Desai
	✓ 4. Arthur Schlesinger Jr.

Q.16 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Symbol	3	#	8	$	7	&	6	*	4	^	2
Code	B	S	D	F	G	H	J	K	L	P	R

Conditions:
i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
iii) If both the second and third elements are perfect squares, then the code of the second element will be the code for the third element.

What will be the code for the following group?

849@

Ans	✗ 1. DLUC
	✗ 2. CLUD
	✗ 3. DULC
	✓ 4. DLLC

Q.17 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbols	3	#	4	$	7	&	6	*	8	^	2
Code	H	A	J	B	K	C	L	D	M	E	N

Conditions:
i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
iii) If both the second and third elements are perfect cubes, the code of the second element will be the code of third element.

What will be the code for the following group?

3$72

Ans
✗ 1. NBKH
✓ 2. ©BK©
✗ 3. HBKN
✗ 4. HKB©

Q.18 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and B. Only one box is kept between A and E. E is kept immediately above B. Only four boxes are kept between A and C. G is kept at some place above D. How many boxes are kept above B?

Ans
✗ 1. 2
✓ 2. 4
✗ 3. 3
✗ 4. 1

Q.19 Jitesh and Kamal can complete a certain piece of work in 5 and 18 days, respectively, They started to work together, and after 3 days, Kamal left. In how many days will Jitesh complete the remaining work?

Ans
✗ 1. $\frac{11}{6}$
✗ 2. $\frac{13}{6}$
✓ 3. $\frac{7}{6}$
✗ 4. $\frac{25}{6}$

Q.20 Which of the following changes did the Waqf (Amendment) Act, 2025 make?

Ans
✗ 1. Abolished State Waqf boards
✗ 2. Allowed private leasing
✗ 3. Removed audits
✓ 4. Added Muslim women to boards

Q.21	What was the main purpose of the citadel in Harappan cities?
Ans	✗ 1. To organise religious ceremonies
	✗ 2. To function as a residential area
	✗ 3. To function as a marketplace
	✓ 4. To organise administrative and public functions

Q.22	Find the simple interest (in ₹) on ₹2,000 at 6% per annum rate of interest for the period from 3 February 2023 to 17 April 2023.
Ans	✗ 1. 25
	✓ 2. 24
	✗ 3. 23
	✗ 4. 22

Q.23	Ishan starts from Point Y and drives 21 km towards the north. He then takes a left turn, drives 42 km, turns left and drives 41 km. He then takes a right turn and drives 17 km. He takes a right turn, drives 59 km. He then turns right, drives 18 km, turns right and drives 39 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)
Ans	✗ 1. 39 km towards the east
	✗ 2. 43 km towards the west
	✗ 3. 45 km towards the south
	✓ 4. 41 km towards the east

Q.24	What should come in place of the question mark (?) in the given series? 713 715 720 722 727 729 ?
Ans	✗ 1. 739
	✓ 2. 734
	✗ 3. 731
	✗ 4. 736

Q.25	In some cases, the Prime Minister of India assigns an independent charge of a portfolio to a Minister of State. This implies that the Minister of State:
Ans	✗ 1. is demoted in responsibilities
	✗ 2. loses the title of Minister of State
	✓ 3. functions as if in Cabinet rank with full independent responsibility for that portfolio
	✗ 4. serves jointly with a Cabinet Minister to share and perform responsibilities of the assigned portfolio

Q.26	What is the proper way to print a spreadsheet in MS Excel?
Ans	✗ 1. Click on the 'Home' tab and select 'Print'
	✗ 2. Press Ctrl + Pt
	✓ 3. Click on the 'File' tab and choose 'Print'
	✗ 4. Press Ctrl + S

Q.27	Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Q has the exam on Monday. P has the exam before R. Only two people have exams between U and Q. V has the exam immediately before U but after S. R has the exam before T. How many people have exams between P and S?
Ans	✔ 1. Two
	✘ 2. Three
	✘ 3. Five
	✘ 4. Four

Q.28	Which of the following reformers was NOT associated with British India?
Ans	✘ 1. Bal Gangadhar Tilak
	✘ 2. Swami Vivekananda
	✔ 3. Aryabhatta
	✘ 4. Raja Ram Mohan Roy

Q.29	Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. ETQ IQO MNM QKK ?
Ans	✔ 1. UHI
	✘ 2. UHJ
	✘ 3. UII
	✘ 4. UJJ

Q.30	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? FKN17 GLO28 HMP39 INQ50 ?
Ans	✔ 1. JOR61
	✘ 2. JOS61
	✘ 3. JOR60
	✘ 4. JOS60

Q.31	A shopkeeper sold a book for ₹544 at a loss of 36%. At what price (in ₹) should he sell it to gain 24% on it?
Ans	✔ 1. 1,054
	✘ 2. 1,057
	✘ 3. 1,056
	✘ 4. 1,055

Q.32	A and B complete a work in 14 days. If A alone can do it in 63 days, then B alone can do it half of the same work in _____ days.
Ans	✔ 1. 9
	✘ 2. 36
	✘ 3. 27
	✘ 4. 18

Q.33	The relics of Buddha are found inside which of the following Buddhist architectures?
Ans	✘ 1. Chaitya Halls
	✘ 2. Rock Edicts
	✘ 3. Ashokan Pillars
	✔ 4. Stupas

Q.34	The diagonals of a rhombus are in the ratio 8 : 15, and the perimeter is 102 cm. Find the area (in cm^2) of the rhombus.
Ans	✔ 1. 540
	✘ 2. 533
	✘ 3. 546
	✘ 4. 534

Q.35	A byke travels 80 km at the speed of 40 km/hr and the next 45 km at the speed of 15 km/hr. What is its average speed (in km/hr)?
Ans	✔ 1. 25
	✘ 2. 31
	✘ 3. 29
	✘ 4. 19

Q.36	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (NOTE: All numbers are single digit numbers only.) (Left) 1 $ @ % 1 4 3 * # 6 3 4 £ % 2 @ 6 % 8 % 9 $ (Right) How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?
Ans	✘ 1. 3
	✘ 2. 5
	✘ 3. 6
	✔ 4. 4

Q.37	If the roots of the quadratic equation $kx^2 - 4x + 1 = 0$ are real and equal, what is the value of k?
Ans	✘ 1. 8
	✔ 2. 4
	✘ 3. 2
	✘ 4. 1

Q.38	Which desktop element in Windows OS allows users to restore deleted files and folders?
Ans	✘ 1. Task Manager
	✘ 2. Start Menu
	✔ 3. Recycle Bin
	✘ 4. Control Panel

Q.39	Which of the following is the highest peak of the Maikal range?
Ans	✘ 1. Guru Shikhar
	✘ 2. Kalsubai
	✘ 3. Anamudi
	✔ 4. Amarkantak

Q.40	In January 2025, which film director received the Outstanding Achievement in Indian Cinema award at IIFA 2025?
Ans	✘ 1. Karan Johar
	✘ 2. Sanjay Leela Bhansali
	✔ 3. Rakesh Roshan
	✘ 4. Rajkumar Hirani

Q.41	Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern. TJR : PKT DHQ : ZIS
Ans	✔ 1. XBG : TCI
	✘ 2. EMT : CQX
	✘ 3. KOS : IQV
	✘ 4. CRJ : BTN

Q.42	Which of the following is the equivalent ratio of 7 : 9?
Ans	✘ 1. 67 : 93
	✘ 2. 67 : 91
	✘ 3. 72 : 95
	✔ 4. 70 : 90

Q.43	A bank offers 7.4% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹8,022 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is _____ (give your answer correct to 2 decimal places).
Ans	✘ 1. ₹918.48
	✔ 2. ₹901.42
	✘ 3. ₹919.85
	✘ 4. ₹903.07

Q.44	In a certain code language, 'A + B' means 'A is the sister of B' 'A – B' means 'A is the father of B' 'A x B' means 'A is the wife of B' 'A ÷ B' means 'A is the son of B' Based on the above, how is P related to T if 'P x Q ÷ R – S + T'?
Ans	✔ 1. Brother's wife
	✘ 2. Sister's daughter
	✘ 3. Son's wife's sister
	✘ 4. Brother's son's wife

Q.45	D, E, F, G, H, I and P are sitting around a circular table facing the centre of the table. Only four people sit between D and P when counted from the right of D. D sits third to the left of H. G sits third to the left of E. I is an immediate neighbour of both P and H. How many people sit between F and I when counted from the right of F?
Ans	✘ 1. One
	✘ 2. Four
	✘ 3. Three
	✔ 4. Two

Q.46	The numerical value of $\frac{4}{\sec^2\theta} + \frac{3}{1+\cot^2\theta} + \sin^2\theta$ is:
Ans	✘ 1. 3
	✔ 2. 4
	✘ 3. 2
	✘ 4. 1

Q.47	In 1510, Alfonzo de Albuquerque captured which place from the Sultan of Bijapur and made it the capital of the Portuguese eastern empire?
Ans	✔ 1. Goa
	✘ 2. Calicut
	✘ 3. Cochin
	✘ 4. Surat

Q.48	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements. Statements: All sweater are jacket. All sweater are coat. All coat are blazer. Conclusions: (I) All sweater are blazer. (II) Some coat are jacket.
Ans	✘ 1. Only conclusion (I) follows
	✘ 2. Neither conclusion (I) nor (II) follows
	✔ 3. Both conclusions (I) and (II) follow
	✘ 4. Only conclusion (II) follows

Q.49	Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern. BGM : DEK SVL : UTJ
Ans	✘ 1. HXF : LTB
	✘ 2. GOU : KMQ
	✔ 3. EKX : GIV
	✘ 4. IMZ : MIW

Q.50	Which court in the subordinate judiciary has unlimited pecuniary jurisdiction in civil cases?
Ans	✘ 1. Court of Munsiff
	✔ 2. Judge of District Court
	✘ 3. Small Causes Court
	✘ 4. Nyaya Panchayat

Q.51	If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7134856, which of the following digits will be second from the left in the new number thus formed?
Ans	✘ 1. 3
	✔ 2. 2
	✘ 3. 4
	✘ 4. 1

Q.52	If the sum of two numbers p and m is 12 and $(p^3 + m^3) = 360$, then find the value of pm.
Ans	✘ 1. 28
	✘ 2. 44
	✔ 3. 38
	✘ 4. 35

Q.53	T starts from Point A and drives 6 km towards the North. He then takes a right turn, drives 15 km, turns right and drives 9 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)
Ans	✗ 1. 2 km to the East
	✓ 2. 4 km to the East
	✗ 3. 6 km to the North
	✗ 4. 8 km to the North

Q.54	Four numbers are in the ratio of 11 : 19 : 5 : 7 respectively. If the sum of these four numbers is 2289, then what is the sum of the first and the third number?
Ans	✓ 1. 872
	✗ 2. 848
	✗ 3. 816
	✗ 4. 887

Q.55	The World Sustainable Development Summit 2025 took place in which city?
Ans	✗ 1. Bengaluru
	✓ 2. New Delhi
	✗ 3. Hyderabad
	✗ 4. Mumbai

Q.56	The Recorder's Court was later replaced by the _____.
Ans	✓ 1. Supreme Court
	✗ 2. High Courts
	✗ 3. Privy Council
	✗ 4. Sessions Courts

Q.57	Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	✓ 1. HK – NU
	✗ 2. XA – CK
	✗ 3. AD – FN
	✗ 4. KN – PX

Q.58	WDFG is related to ZGIJ in a certain way based on the English alphabetical order. In the same way, IPRS is related to LSUV. To which of the following options is RYAB related, following the same logic?
Ans	✓ 1. UBDE
	✗ 2. UDEB
	✗ 3. UBED
	✗ 4. UDBE

Q.59	Which of the following farming techniques is primarily practised by tribal groups in India?
Ans	✗ 1. Intensive farming
	✗ 2. Commercial farming
	✓ 3. Shifting agriculture
	✗ 4. Plantation farming

Q.60	Simplify: $\left[\left(28 \div \frac{3}{9}\right) \times \left\{6 \div 2 \times \frac{18 - 2}{6}\right\} \div \{8 \times 6 \div 3\}\right]$
Ans	✗ 1. 63
	✗ 2. 84
	✓ 3. 42
	✗ 4. 104

Q.61	A shop sells candles in two packs: Pack A: 5 candles at ₹4 each and Pack B: 5 candles at ₹6 each. What is the average price per candle?
Ans	✗ 1. ₹6
	✓ 2. ₹5
	✗ 3. ₹5.5
	✗ 4. ₹4

Q.62	Which powerful ruler of the Pallavas constructed the Shore Temple at Mahabalipuram?
Ans	✗ 1. Mahendravarman I
	✗ 2. Simhavishnu
	✗ 3. Nandivarman
	✓ 4. Narasimhavarman II

Q.63	A, B, C, D, E, F, and G are sitting around a circular table facing the centre. Only two people sit between D and F when counted from the left of F. E sits third to the left of G. A sits to the immediate right of G. A sits second to the left of D. B is an immediate neighbour of E. How many people sit between C and F when counted from the left of C?
Ans	✓ 1. Two
	✗ 2. Four
	✗ 3. Three
	✗ 4. One

Q.64	As of February 2025, how many athletes trained under Khelo India have set international records?
Ans	✓ 1. 1424
	✗ 2. 1802
	✗ 3. 1631
	✗ 4. 1250

Q.65	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (NOTE: All numbers are single digit numbers only.) (Left) 5 4 7 % € $ 2 £ % 6 6 9 9 £ € & € © 3 7 © * (Right) How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?
Ans	✗ 1. 5
	✗ 2. 2
	✓ 3. 3
	✗ 4. 4

Q.66	If HF is a weak acid, what can be inferred about the strength of its conjugate base F^-?
Ans	✗ 1. It is neutral.
	✗ 2. It is a strong base.
	✓ 3. It is a weak base.
	✗ 4. It is a strong acid.

Q.67	The average age of Amit, Arjun and Anya is 30 years. If the average age of Amit and Anya is 35 years, what will be Arjun's age after 2 years?
Ans	✗ 1. 30 years
	✗ 2. 24 years
	✓ 3. 22 years
	✗ 4. 28 years

Q.68	7362 × 726.8 × 0.709 is equal in value to:
Ans	✗ 1. 736.2 × 726.8 × 709
	✗ 2. 7.362 × 7.268 × 709
	✗ 3. 7.362 × 72.68 × 70.9
	✓ 4. 73.62 × 7268 × 7.09

Q.69	In 2024, the Indian government approved defence acquisitions worth $17.3 billion. How much percentage of these acquisitions was sourced from domestic suppliers?
Ans	✗ 1. 100%
	✗ 2. 50%
	✓ 3. 99%
	✗ 4. 75%

Q.70	Which of the following Operating System concepts is most directly involved in ensuring that multiple processes can access and modify files concurrently without causing data corruption?
Ans	✓ 1. File locking mechanisms
	✗ 2. Paging
	✗ 3. Virtual memory management
	✗ 4. Scheduling algorithms

Q.71	The longitudinal valleys between the lesser Himalayas and the Shiwaliks are called:
Ans	✓ 1. Duns
	✗ 2. Meanders
	✗ 3. Khadars
	✗ 4. Doabs

Q.72	Which of the following could be the factors that led Foreign Portfolio Investors (FPIs) to withdraw significant funds from Indian equities according to the Economic Survey 2024-25? 1. Slowing earnings growth 2. High valuations 3. Rising geopolitical tensions
Ans	✗ 1. 1 and 2 only
	✗ 2. 1 and 3 only
	✗ 3. 2 and 3 only
	✓ 4. All 1, 2, and 3

Q.73	What happens when a user presses the Bullets button (•) in MS Word?
Ans	✗ 1. The text alignment changes to center
	✗ 2. The font size increases
	✓ 3. The selected text is converted into a bulleted list
	✗ 4. The selected text is converted into a numbered list

Q.74	Which cricket team won the 2024 ICC Women's T20 World Cup held in the UAE, securing their first title in this format?
Ans	✗ 1. India
	✓ 2. New Zealand
	✗ 3. England
	✗ 4. Australia

Q.75	Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 281 m and 133 m. Take $\pi = \frac{22}{7}$
Ans	✗ 1. 411
	✗ 2. 416
	✓ 3. 418
	✗ 4. 428

Q.76	Which edition of the World Sustainable Development Summit (WSDS) was held from 5th to 7th March 2025?
Ans	✗ 1. 23rd
	✓ 2. 24th
	✗ 3. 20th
	✗ 4. 28th

Q.77	What type of AI model did the Indian Institute of Science (IIS) team use in 2025 to generate synthetic images that help improve object detection?
Ans	✓ 1. Diffusion Model
	✗ 2. Transformer Model
	✗ 3. Generative Adversarial Network (GAN)
	✗ 4. Recurrent Neural Network (RNN)

Q.78	A dealer purchased a ceiling fan for ₹66,000. He allows a discount of 56% on its marked price and still gains 69%. Find the marked price of the ceiling fan.
Ans	✗ 1. ₹2,53,597
	✗ 2. ₹2,53,394
	✗ 3. ₹2,53,426
	✓ 4. ₹2,53,500

Q.79	Which of the following acts of the East India Company formally separated the Legislative and Executive functions of Governor-General's Council?
Ans	✗ 1. Charter Act of 1813
	✗ 2. Charter Act of 1793
	✓ 3. Charter Act of 1853
	✗ 4. Charter Act of 1833

Q.80	Sujay ranked 29th from the top and 59th from the bottom in his class. How many students are there in his class?
Ans	✔ 1. 87
	✘ 2. 88
	✘ 3. 85
	✘ 4. 86

Q.81	What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '–' and '×' and '÷' are interchanged? 66 ÷ 2 + 6 × 1 + 9 = ?
Ans	✔ 1. 117
	✘ 2. 120
	✘ 3. 110
	✘ 4. 105

Q.82	Let $\Delta ABC \sim \Delta QPR$ and $\frac{(ar(\Delta ABC))}{(ar(\Delta PQR))} = \frac{64}{121}$. If AB = 11 cm, BC = 7 cm and AC = 8 cm, then QR (in cm) is equal to:
Ans	✔ 1. 11
	✘ 2. 9
	✘ 3. 10
	✘ 4. 8

Q.83	Most of the Thar Desert lies in which direction with respect to the Aravalli Hills?
Ans	✔ 1. North-West
	✘ 2. North-East
	✘ 3. South
	✘ 4. East

Q.84	What is the default name given to a folder on Windows systems?
Ans	✘ 1. Folder
	✔ 2. New Folder
	✘ 3. Untitled Folder
	✘ 4. Default Folder

Q.85	In January 2025, for the first time, the Government of India has decided to provide financial assistance to the Indian contingent participating in the 9th Asian Winter Games 2025 under which of the following schemes?
Ans	✔ 1. Assistance to National Sports Federations
	✘ 2. Khelo India Scheme
	✘ 3. Target Olympic Podium Scheme
	✘ 4. Fit India Movement

Q.86	**This question is based on the five, three-digit numbers given below.** **(Left) 870 165 207 893 753 (Right)** **(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)** **(Note: All operations to be done from left to right.)** **What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?**
Ans	✗ 1. −2
	✓ 2. −3
	✗ 3. −4
	✗ 4. 0

Q.87	**The present cost of a plot area is ₹1,12,079. After a year, its cost increased to ₹1,89,297. The percentage increase (rounded off to the nearest integer) in the cost of the plot area is:**
Ans	✗ 1. 73%
	✗ 2. 67%
	✓ 3. 69%
	✗ 4. 57%

Q.88	**Which of the following statements is NOT correct regarding India after its adoption of new economic reforms in 1991?**
Ans	✗ 1. After the economic reforms, the growth of agriculture sector declined in the country.
	✗ 2. The industrial sector does not show an enormous increase in the GDP contribution of India post 1991.
	✓ 3. The 1991 reforms have caused a huge increase in public investment in the agriculture sector and increased its share in India's GDP.
	✗ 4. Liberalisation of trade and investment regime was initiated in India post 1991 to increase international competitiveness of industrial production.

Q.89	What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of patients	22	20	23	15	36	17	14

Ans	✗ 1. 49.91
	✗ 2. 59.42
	✓ 3. 55.25
	✗ 4. 56.88

Q.90	**Rakesh's salary is ₹12,000 per month. He spends ₹6,000 on house rent, ₹3,000 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly savings for the birthday celebration.**
Ans	✓ 1. 33,000
	✗ 2. 36,000
	✗ 3. 27,000
	✗ 4. 30,000

Q.91	**India initiated structural reforms in 1991 to address a severe balance of payments crisis. Which global institution played a key role in supporting India's 1991 reforms?**
Ans	✗ 1. World Health Organization
	✓ 2. International Monetary Fund
	✗ 3. World Trade Organization
	✗ 4. United Nations

Q.92	Each of the digits in the number 24765389 is arranged in ascending order from left to right. Which of the following digits will be fourth from the left in the new number thus formed?
Ans	✗ 1. 6
	✗ 2. 4
	✗ 3. 7
	✓ 4. 5

Q.93	When was the discovery of salvarsan recognised with a Nobel Prize in Medicine?
Ans	✗ 1. 1915
	✓ 2. 1908
	✗ 3. 1929
	✗ 4. 1905

Q.94	The least number which, when diminished by 8, is divisible by 15, 12, 18 and 29 is:
Ans	✗ 1. 5263
	✗ 2. 5275
	✓ 3. 5228
	✗ 4. 5187

Q.95	In Warli painting, what is the process called where cow dung and water are spread for background preparation?
Ans	✗ 1. Lihane
	✗ 2. Saravane
	✗ 3. Rangoli
	✓ 4. Lipane

Q.96	In $\triangle ABC$, $DE \parallel AC$, where D and E are the points on sides AB and BC, respectively. If BD = 2 cm and AD = 19 cm, then what is the ratio of the area of $\triangle BDE$ to the trapezium ADEC?
Ans	✗ 1. 12 : 435
	✗ 2. 10 : 11
	✓ 3. 4 : 437
	✗ 4. 13 : 8

Q.97	A boat takes 90 minutes to go 49.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 3 : 2. How much total time (in hours) will the boat take to go 44.8 km upstream and 71.2 km downstream?
Ans	✗ 1. 5.4
	✗ 2. 0.1
	✓ 3. 1.8
	✗ 4. 3.8

Q.98	What is the purpose of the Urban Infrastructure Development Fund (UIDF) announced in the Union Budget 2023-24?
Ans	✗ 1. To increase healthcare facilities
	✗ 2. To finance rural infrastructure
	✓ 3. To utilise priority sector lending shortfall
	✗ 4. To promote agricultural exports

Q.99	Yashika buys 6 apples and 6 mangoes for ₹216. When the cost of an apple is decreased by 30% and that of a mango remains the same, then the cost of 5 apples and 8 mangoes is ₹162. What is the original cost of 7 apples and 2 mangoes?
Ans	✗ 1. ₹211
	✗ 2. ₹217
	✓ 3. ₹212
	✗ 4. ₹214

Q.100	Which key event in the life cycle of Plasmodium causes rupture of red blood cells?
Ans	✓ 1. Maturation and multiplication of merozoites inside the RBCs
	✗ 2. Sexual reproduction inside mosquitoes in the erythrocytes
	✗ 3. Conversion into sporozoites
	✗ 4. Multiplication inside liver cells

Test Date	19/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Harit starts from Point Y and drives 47 km towards the east. He then takes a right turn, drives 23 km, turns right and drives 26 km. He then takes a right turn and drives 52 km. He takes a left turn, drives 21 km. He then turns left, drives 11 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)**

Ans
✗ 1. 19 km towards the north
✓ 2. 18 km towards the south
✗ 3. 20 km towards the south
✗ 4. 24 km towards the east

Q.2 **Three numbers are in the ratio 1 : 11 : 19, and their LCM is 8778. Their HCF is _____.**

Ans
✓ 1. 42
✗ 2. 36
✗ 3. 54
✗ 4. 50

Q.3 **The mode of the observations 35, 27, 27, 32, 25, 24, 27, 24, 32, 20, 31, 21, 29, 22, 27, 20 and 26 is:**

Ans
✗ 1. 35
✗ 2. 25
✓ 3. 27
✗ 4. 32

Q.4 **Deficiency of which nutrient is most directly linked to reduced oxygen-carrying capacity of blood?**

Ans
✗ 1. Iodine
✗ 2. Vitamin A
✗ 3. Calcium
✓ 4. Iron

Q.5 **One-third of a journey is covered at a speed of 31 km/hr, the next one-third of the journey is covered at a speed of 4 km/hr, and the remaining journey is covered at a speed of 34 km/hr. The average speed (in km/hr, rounded off to one decimal place) for the entire journey is:**

Ans
✗ 1. 3.1
✗ 2. 7.1
✗ 3. 6.3
✓ 4. 9.6

Q.6 **A sound wave with a period of 0.01 seconds has a frequency of:**

Ans

✗ 1. 1000 Hz

✗ 2. 10 Hz

✗ 3. 0.1 Hz

✓ 4. 100 Hz

Q.7 In ΔABC, $DE \parallel AC$, where D and E are the points on sides AB and BC, respectively. If $BD = 10$ cm and $AD = 17$ cm, then what is the ratio of the area of ΔBDE to the trapezium ADEC?

Ans

✗ 1. 344 : 415

✗ 2. 629 : 100

✗ 3. 406 : 383

✓ 4. 100 : 629

Q.8 **A sum, when invested at 20% simple interest per annum, amounts to ₹8,640 after 3 years. What is the simple interest (in ₹) on the same sum at the same rate in 2 years?**

Ans

✗ 1. 4,320

✓ 2. 2,160

✗ 3. 8,640

✗ 4. 1,080

Q.9 **When appointing judges to the Supreme Court, the President must consult which of the following?**

Ans

✗ 1. The Union Public Service Commission

✓ 2. The Chief Justice of India

✗ 3. The Law Minister exclusively

✗ 4. The Prime Minister only

Q.10 **Who among the following has been appointed as the Chairperson of National Commission for Women (NCW), in October 2024?**

Ans

✗ 1. Arti Sarin

✓ 2. Vijaya Kishore Rahatkar

✗ 3. Anju Rathi Rana

✗ 4. Amit Kumar

Q.11 **What is the dual role of the highest judicial officer in a district?**

Ans

✓ 1. District Judge for civil cases and Sessions Judge for criminal cases

✗ 2. Chief Judicial Magistrate for civil cases and Munsiff for criminal cases

✗ 3. Subordinate Judge for civil cases and Metropolitan Magistrate for criminal cases

✗ 4. Nyaya Panchayat head for civil cases and Gram Kutchery head for criminal cases

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Q.12 **Which of the following is the war dance of the Nagas?**

Ans

✗ 1. Danda-Jatra

✗ 2. Thang Ta

✓ 3. Rangma

✗ 4. Alkap

Q.13 A, B, C, D, E, F, and G are sitting around a circular table facing the centre.
B sits third to the left of F. C sits second to the left of D. Only F sits between A and C. G is not an immediate neighbour of B.
How many people sit between A and D when counted from the left of D?

Ans
✗ 1. One
✗ 2. Four
✗ 3. Two
✓ 4. Three

Q.14 Which of the following options is a final good in the context of Indian economy?

Ans
✗ 1. Flour
✓ 2. Biscuits
✗ 3. Sugar
✗ 4. Wheat

Q.15 Which Article of the Constitution of India mentions the Fundamental Duty of defending the country and rendering national service when called upon to do so?

Ans
✓ 1. Article 51A (d)
✗ 2. Article 51A (e)
✗ 3. Article 51A (a)
✗ 4. Article 51A (c)

Q.16 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: KSB :: NVE : %

Ans
✗ 1. # = FUW, % = SAJ
✓ 2. # = FNW, % = SAJ
✗ 3. # = FNW, % = SAI
✗ 4. # = FNW, % = SUY

Q.17 According to Airports Authority of India, which Indian airport was the busiest in terms of passenger traffic in Financial Year 2023-2024?

Ans
✗ 1. Kempegowda International Airport, Bengaluru
✗ 2. Rajiv Gandhi International Airport, Hyderabad
✗ 3. Chhatrapati Shivaji Maharaj International Airport, Mumbai
✓ 4. Indira Gandhi International Airport, Delhi

Q.18 Refer to the following number and symbol series and answer the question that follows.
Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 7 € 2 5 3 © 8 © 4 € 9 3 € 5 # % * 3 4 7 $ 1 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

Ans
✗ 1. 8
✗ 2. 5
✓ 3. 6
✗ 4. 7

Q.19 In a certain code language,

'A + B' means 'A is the sister of B'
'A – B' means 'A is the father of B'
'A x B' means 'A is the daughter of B'
'A ÷ B' means 'A is the son of B'

Based on the above, how is P related to T if 'P + Q – R ÷ S x T'?

Ans

✔ 1. Daughter's husband's sister

✘ 2. Father's sister

✘ 3. Daughter-in-law

✘ 4. Sister's husband's mother

Q.20 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✔ 1. MP - LK

✘ 2. NP - KM

✘ 3. KM - HJ

✘ 4. HJ - EG

Q.21 In March 2025, what important decision did the Supreme Court of India make regarding disability rights?

Ans

✘ 1. It removed reservations for persons with disabilities.

✘ 2. It banned all exams for persons with disabilities.

✘ 3. It allowed only private companies to hire persons with disabilities.

✔ 4. It said disability rights are a part of fundamental rights.

Q.22 This question is based on the five, three-digit numbers given below.

(Left) 617 335 930 459 571 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

Ans

✘ 1. 13

✘ 2. 15

✘ 3. 17

✔ 4. 14

Q.23 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: QSO :: XZV : %

Ans

✘ 1. # = SFR, % = POS

✔ 2. # = TVR, % = UWS

✘ 3. # = SVR, % = UWU

✘ 4. # = TUR, % = UET

Q.24 **Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.**

HMP : KON
USQ : XUO

Ans
✗ 1. KWZ : GSC
✓ 2. DLV : GNT
✗ 3. DWP : JZI
✗ 4. BIO : FNK

Q.25 Ramesh purchased $(4x - 3y)$ dolls from a shop at the rate of ₹$(x + y)$ per doll. Find the total money paid by Ramesh to the shopkeeper.

Ans
✗ 1. ₹$(x^2 - xy + 3y^2)$
✓ 2. ₹$(4x^2 + xy - 3y^2)$
✗ 3. ₹$(4x^2 - xy + y^2)$
✗ 4. ₹$(x^2 - xy + y^2)$

Q.26 **What should come in place of the question mark (?) in the given series?**

428, 405, 372, ?, 276, 213

Ans
✓ 1. 329
✗ 2. 229
✗ 3. 339
✗ 4. 319

Q.27 **A shopkeeper sold a book for ₹225 at a loss of 10%. At what price (in ₹) should he have to sell it to gain 24% on it?**

Ans
✓ 1. 310
✗ 2. 307
✗ 3. 311
✗ 4. 308

Q.28 **Foreign Direct Investment (FDI) is a key aspect of globalisation. What is a major benefit of FDI for developing countries like India?**

Ans
✗ 1. Currency depreciation
✗ 2. Increase in taxation
✗ 3. Trade deficits
✓ 4. Access to technology and employment

Q.29 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	5	2	3	4	$	&	6	@	#	%	+	8	9	7
Code	A	D	F	G	H	J	K	L	Z	X	C	V	B	M

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
What will be the code for the following group?

3 4 9 7

Ans
- ✗ 1. MGBF
- ✗ 2. FGBM
- ✓ 3. FGGM
- ✗ 4. FBBM

Q.30 Harappan trade relations extended to:

Ans
- ✗ 1. Rome
- ✗ 2. Persia
- ✓ 3. Mesopotamia
- ✗ 4. Greece

Q.31 Find the volume (in cm^3) of a sphere having a diameter of 4.2 cm, giving your answer correct to two places of decimal.

Take $\pi = \frac{22}{7}$

Ans
- ✗ 1. 18.8
- ✗ 2. 188.8
- ✓ 3. 38.8
- ✗ 4. 168.8

Q.32 What is the expected investment target under the Tamil Nadu Space Industrial Policy 2025?

Ans
- ✓ 1. ₹10,000 crore
- ✗ 2. ₹20,000 crore
- ✗ 3. ₹15,000 crore
- ✗ 4. ₹5,000 crore

Q.33 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

QK15 OI26 MG37 KE48 ?

Ans
- ✓ 1. IC59
- ✗ 2. ID58
- ✗ 3. IC58
- ✗ 4. ID59

Q.34 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. TR – YP
- ✗ 2. VT – AR
- ✓ 3. YW – DV
- ✗ 4. GE – LC

Q.35 Which Indian state had the highest Human Development Index (HDI) in 2017?

Ans
- ✓ 1. Kerala
- ✗ 2. Maharashtra
- ✗ 3. Gujarat
- ✗ 4. Tamil Nadu

Q.36 What is the correct method to save a new workbook in MS Excel?

Ans
- ✗ 1. Go to the 'Home' tab and click 'Save'
- ✓ 2. Click the 'File' tab and choose 'Save As'
- ✗ 3. Press 'Ctrl + P'
- ✗ 4. Press 'Ctrl + Enter'

Q.37 What is the mascot of Expo 2025 in Osaka?

Ans
- ✗ 1. Sora-Sora
- ✗ 2. Kiko-Kiko
- ✓ 3. Myaku-Myaku
- ✗ 4. Mira-Mira

Q.38 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Q has an exam on Saturday. Only 4 people have exams between T and U, neither of whom has an exam on Monday. P has an exam immediately after V, and R has an exam immediately before V. U has an exam after P. How many people have exams after R?

Ans
- ✗ 1. 2
- ✗ 2. 3
- ✗ 3. 1
- ✓ 4. 4

Q.39 A group of people consists of men, women and children. Among them, 20% are men, 30% are women and the rest are children, and their average weights are 50 kg, 40 kg and 40 kg, respectively. The average weight of the group (in kg) is:

Ans
- ✗ 1. 39
- ✗ 2. 37
- ✓ 3. 42
- ✗ 4. 38

Q.40 What is the dominant soil type in the Great Plains of India?

Ans
- ✗ 1. Laterite soil
- ✗ 2. Black cotton soil
- ✓ 3. Alluvial soil
- ✗ 4. Red soil

Q.41 Till which year has the term of Chief Economic Adviser V Anantha Nageswaran been extended?

Ans
- ✔ 1. March 2027
- ✘ 2. March 2028
- ✘ 3. March 2029
- ✘ 4. March 2026

Q.42 Which of the following statements is NOT correct with reference to the main group elements?

Ans
- ✔ 1. Their reactivity does not follow any periodic trend.
- ✘ 2. They include both s-block and p-block elements.
- ✘ 3. Their valence shell configurations help predict chemical behaviour.
- ✘ 4. They are also called representative elements.

Q.43 Simplify: $\left[(24 \times 6) \times \left\{2 \div 2 \times \left(18 - \frac{12}{2}\right)\right\}\right]$

Ans
- ✘ 1. 432
- ✘ 2. 1435
- ✘ 3. 872
- ✔ 4. 1728

Q.44 Which of the following statements is/are correct with reference to the Supreme Court judgement in 'The State Of Tamil Nadu vs The Governor Of Tamil Nadu' on 8 April 2025?
The Supreme Court held that the Governor cannot withhold assent after a bill is re-passed by the legislature.
The Court used its powers under Article 142 to deem 10 pending Bills as having received assent.
The judgement laid down that the Governor may reserve a re-enacted Bill for Presidential consideration.

Ans
- ✘ 1. Only 2
- ✘ 2. 1, 2 and 3
- ✔ 3. Only 1 and 2
- ✘ 4. Only 1 and 3

Q.45 A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. Only one person sits between D and T when counted from the left of T. S sits third to the right of R. C sits third to the left of A. S sits to the immediate right of C. B is not an immediate neighbour of C. How many people sit between B and T when counted from the right of B?

Ans
- ✘ 1. Two
- ✘ 2. Four
- ✔ 3. Three
- ✘ 4. One

Q.46 What will come in place of the question mark (?) in the following equation if '÷' and '–' are interchanged and '×' and '+' are interchanged?

612 ÷ 45 + 13 × 936 – 78 = ?

Ans
- ✔ 1. 39
- ✘ 2. 15
- ✘ 3. 106
- ✘ 4. 112

Q.47 What major event did The Washington Post cover to win the 2025 Pulitzer for Breaking News Reporting?

Ans
- ✗ 1. Texas school shooting
- ✓ 2. Donald Trump assassination attempt
- ✗ 3. Sudanese civil war
- ✗ 4. Russian invasion of Ukraine

Q.48 Kanpur, a city in the Indian state of Uttar Pradesh, is an example of which type of town?

Ans
- ✓ 1. Industrial Town
- ✗ 2. Transfer and Distribution Town
- ✗ 3. Administrative Town
- ✗ 4. Recreational Town

Q.49 Three numbers are in the ratio 4 : 5 : 6 and their average is 40. The largest number is:

Ans
- ✗ 1. 42
- ✗ 2. 44
- ✓ 3. 48
- ✗ 4. 32

Q.50 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1836547, what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

Ans
- ✗ 1. 12
- ✓ 2. 8
- ✗ 3. 10
- ✗ 4. 14

Q.51 In Windows 11, why might you receive an 'Access is denied' error when trying to rename a file?

Ans
- ✗ 1. You are renaming from the Recycle Bin.
- ✗ 2. You are using the wrong drive letter.
- ✗ 3. The file has no extension.
- ✓ 4. The file ownership has changed.

Q.52 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(15, 18.2, 21.4)
(19, 22.2, 25.4)

Ans
- ✗ 1. (43, 46.2, 48.4)
- ✗ 2. (28, 30.2, 32.4)
- ✗ 3. (36, 39.2, 41.4)
- ✓ 4. (24, 27.2, 30.4)

Q.53 If $a + b = 50$, and $a - b = 42$, find the value of $a^2 + b^2$.

Ans
- ✗ 1. 2578
- ✗ 2. 2503
- ✗ 3. 2500
- ✓ 4. 2132

Q.54 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some protein are carbs.
Some protein are vitamin.
Some carbs are sugar.

Conclusions:
(I) Some protein are sugar.
(II) Some carbs are vitamin.

Ans
✗ 1. Only conclusion (II) follows
✗ 2. Only conclusion (I) follows
✓ 3. Neither conclusion (I) nor (II) follows
✗ 4. Both conclusions (I) and (II) follow

Q.55 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : LNR :: MOS : %

Ans
✗ 1. # = GIM , % = RTY
✓ 2. # = GIM , % = RTX
✗ 3. # = HIM , % = RTX
✗ 4. # = GIM , % = STX

Q.56 What was the purpose of the Imperial Service Scheme (1885)?

Ans
✓ 1. To raise troops for British defence, paid by princely states
✗ 2. To abolish princely privileges
✗ 3. To educate royal families
✗ 4. To facilitate trade among states

Q.57 Which of the following statements is true regarding ASCII, LAN, and CD in computer terminology?

Ans
✗ 1. LAN refers to a wide geographical network like the internet.
✗ 2. CD is a rewritable magnetic storage medium.
✗ 3. ASCII is used for formatting disks in a LAN network.
✓ 4. ASCII represents characters using numeric codes in binary.

Q.58 What is the keyboard shortcut to remove paragraph indentation in MS Word 365?

Ans
✗ 1. Ctrl + Tab
✗ 2. Ctrl + M
✓ 3. Ctrl + Shift + M
✗ 4. Ctrl + Shift + I

Q.59 If the median of a data is 46.36 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula)

Ans
✗ 1. 20.83
✓ 2. 23.18
✗ 3. 19.14
✗ 4. 18.76

Q.60 Which region was merged in 1948 to form the initial territory of Himachal Pradesh?

Ans

✗ 1. Chhattisgarh

✗ 2. Rajputana

✗ 3. Patiala and East Punjab States Union

✓ 4. Shimla Hill States

Q.61 If 18% of a number is equal to $\frac{4}{5}$ of another number, then what is the ratio of the first number to the second number?

Ans

✗ 1. $42 : 13$

✗ 2. $41 : 6$

✓ 3. $40 : 9$

✗ 4. $43 : 5$

Q.62 The population of a town in the year 1921 was 3,47,900. If its population increased in two successive decades by 50% in each decade, the population of the town in the year 1941 was:

Ans

✗ 1. 7,82,777

✓ 2. 7,82,775

✗ 3. 7,82,778

✗ 4. 7,82,776

Q.63 Which of the following organisations won the Pulitzer Prize for Public Service in 2025?

Ans

✗ 1. The Washington Post

✓ 2. ProPublica

✗ 3. The New York Times

✗ 4. Reuters

Q.64 The fourth proportion to 7, 5 and 14 is the same as the third proportion to A and 10. What is the value of A?

Ans

✗ 1. 11

✗ 2. 8

✗ 3. 13

✓ 4. 10

Q.65 If $\sin B = \frac{\sqrt{3}}{2}$, then find the value of $(\sqrt{3}\ \text{cosec}B + \sec B - 4)$.

Ans

✗ 1. 3

✗ 2. $\sqrt{3}$

✓ 3. 0

✗ 4. 2

Q.66 At which session of the Indian National Congress was the resolution for Poorna Swaraj (complete independence) passed?

Ans

✗ 1. Lucknow Session, 1916

✗ 2. Calcutta Session, 1920

✓ 3. Lahore Session, 1929

✗ 4. Karachi Session, 1931

Q.67 Simplify the following:

$$\left(\frac{2}{9}\right) \times \left(\frac{27}{10}\right) + \left(\frac{6}{5} - 5\right)$$

Ans

✗ 1. $-\frac{17}{4}$

✓ 2. $-\frac{16}{5}$

✗ 3. $-\frac{9}{8}$

✗ 4. $-\frac{7}{9}$

Q.68 If 425 bananas were distributed among three monkeys in the ratio $\frac{8}{3} : \frac{7}{5} : \frac{8}{5}$ in the mentioned order, how many bananas did the third monkey get?

Ans

✗ 1. 118

✗ 2. 119

✗ 3. 121

✓ 4. 120

Q.69 A train is 1495 m and it crosses a platform in 2.8 minutes running at the speed of 54 km/hr. Find the difference between the length of the train and the platform.

Ans

✓ 1. 470 m

✗ 2. 467 m

✗ 3. 461 m

✗ 4. 472 m

Q.70 The sum of 6 times the present age of A and 4 times the present age of B is 156 years. 2 times the present age of B exceeds 9 times the present age of A by 30 years. What will be the sum of the ages (in years) of A and B, 9 years from now?

Ans

✗ 1. 50

✗ 2. 51

✗ 3. 46

✓ 4. 55

Q.71 What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 2,60,000 is increasing at a rate of 25% every year?

Ans

✓ 1. 33,280

✗ 2. 32,530

✗ 3. 33,630

✗ 4. 32,730

Q.72 Which of the following statements regarding the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan launched in 2024 is/are correct?
The scheme aims for the holistic development of tribal areas through 25 interventions in health, education and livelihood.
The scheme benefits only 10 states with scheduled areas, excluding other tribal areas.
It was launched by Vice President Jagdeep Dhankhar in Jharkhand on 2nd October 2024.

Ans

✗ 1. 1, 2 and 3

✓ 2. Only 1

✗ 3. Only 1 and 3

✗ 4. Only 2

Q.73 Which of the following states is famous for its ingenious water conservation methods, 'taanka' or 'kunds'?

Ans
- ✗ 1. Karnataka
- ✗ 2. Madhya Pradesh
- ✓ 3. Rajasthan
- ✗ 4. Uttar Pradesh

Q.74 In a certain code language, 'COIL' is coded as '3457' and 'OPEN' is coded as '1246'. What is the code for 'O' in the given code language?

Ans
- ✓ 1. 4
- ✗ 2. 2
- ✗ 3. 1
- ✗ 4. 3

Q.75 A person who spends 52% of his monthly income is able to save ₹7,740 per month. His monthly expenses (in ₹) are:

Ans
- ✗ 1. 8,348
- ✓ 2. 8,385
- ✗ 3. 8,344
- ✗ 4. 8,460

Q.76 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
RLN PKP NJR ? JHV

Ans
- ✗ 1. LIS
- ✓ 2. LIT
- ✗ 3. LJS
- ✗ 4. LHP

Q.77 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has an exam on Thursday. Exactly 4 people have their exam between U and T, neither of whom has an exam on Sunday. S has an exam immediately before Q. P does not have an exam on Friday. U does not have an exam after Q. How many people have an exam after Q?

Ans
- ✗ 1. 1
- ✗ 2. 3
- ✓ 3. 4
- ✗ 4. 2

Q.78 Mr. Filix starts from Point A and drives 19 km towards the South. He then takes a left turn, drives 5 km, turns left and drives 33 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 14 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
- ✗ 1. 1 km to the West
- ✗ 2. 8 km to the North
- ✓ 3. 4 km to the East
- ✗ 4. 2 km to the South

Q.79 Which of the following Directive Principles is mentioned in Article 44 of the Constitution of India?

Ans
- ✗ 1. Equal justice and free legal aid
- ✗ 2. Organisation of agriculture and animal husbandry
- ✗ 3. Promotion of co-operative societies
- ✓ 4. Uniform civil code for the citizens

Q.80 Which of the following materials was not used for making ornaments during the Harappan civilisation?

Ans
- ✗ 1. Steatite
- ✗ 2. Ivory
- ✓ 3. Diamond
- ✗ 4. Carnelian

Q.81 What is the name of the team that lost to Rajnigandha Achievers in the Aditya Birla Memorial Polo final Cup 2025?

Ans
- ✓ 1. Jindal Panther
- ✗ 2. New Delhi Polo Team
- ✗ 3. Rajnigandha Polo Team
- ✗ 4. Aditya Birla Group

Q.82 What should come in place of the question mark (?) in the given series?

512 520 510 522 ? 524 506

Ans
- ✗ 1. 520
- ✗ 2. 505
- ✗ 3. 521
- ✓ 4. 508

Q.83 Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between T and G. Only three boxes are kept between T and S. S is kept at some place above G. E is kept immediately below S. F is kept at one of the places above D. U is not kept immediately above or below T. Which box is kept at the lowermost position?

Ans
- ✗ 1. F
- ✗ 2. U
- ✗ 3. T
- ✓ 4. D

Q.84 An electric pump can fill a tank in 8 hours. Due to a leakage in the tank, it takes $9\frac{1}{3}$ hours to fill the tank.

How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

Ans
- ✗ 1. 50 hours
- ✓ 2. 56 hours
- ✗ 3. 52 hours
- ✗ 4. 39 hours

Q.85 The curved surface area of a cylinder is half of its total surface area. If its height is 10 cm, then find the volume of the cylinder (in cm^3).

Ans
- ✗ 1. 1005π
- ✓ 2. 1000π
- ✗ 3. 993π
- ✗ 4. 992π

Q.86 In a certain code language, 'JAIL' is coded as '3457' and 'ARCS' is coded as '1265'. What is the code for 'A' in the given code language?

Ans
- ✗ 1. 4
- ✗ 2. 1
- ✓ 3. 5
- ✗ 4. 6

Q.87 In which year was the demonetisation of 500- and 1000-rupees notes announced in India?

Ans
- ✗ 1. 2014
- ✗ 2. 2018
- ✓ 3. 2016
- ✗ 4. 2020

Q.88 Find the effective price percentage of the marked price after three consecutive discounts of 18%, 24% and 18%. (Rounded up to two decimal places.)

Ans
- ✓ 1. 51.10%
- ✗ 2. 54.41%
- ✗ 3. 48.56%
- ✗ 4. 53.54%

Q.89 The Indo-Greek king who issued coins with bilingual inscriptions was:

Ans
- ✗ 1. Apollodotus
- ✗ 2. Antialcidas
- ✗ 3. Menander I
- ✓ 4. Demetrius

Q.90 What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '–' and '×' and '÷' are interchanged?

55 ÷ 7 + 9 × 3 + 1 = ?

Ans
- ✗ 1. 385
- ✗ 2. 378
- ✓ 3. 381
- ✗ 4. 390

Q.91 This question is based on the five, three-digit numbers given below.

(Left) 103 678 217 111 537 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

Ans
- ✗ 1. 9
- ✓ 2. 8
- ✗ 3. 11
- ✗ 4. 7

Q.92 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7418536, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. Two
- ✓ 2. Three
- ✗ 3. None
- ✗ 4. One

Q.93 As per the Union Budget 2025-26, the start-up incorporation deadline was extended for how many years to avail tax benefits?

Ans
- ✗ 1. 4
- ✗ 2. 6
- ✗ 3. 7
- ✓ 4. 5

Q.94 According to the Regulating Act 1773, which of the following options is INCORRECT about the powers and responsibilities of the Governor General?

Ans

✗ 1. Can make rules and regulations for the civil government of Fort William

✓ 2. Can override the decision of his council

✗ 3. Powered to superintendent the presidencies of Madras and Bombay in war and peace

✗ 4. Can control the presidencies of Madras and Bombay in war and peace

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Q.95 The roots of the quadratic equation $3x^2 - 7x + 1 = 0$ are:

Ans

✗ 1. $\frac{(7 + \sqrt{37})}{1.5}$ & $\frac{(7 - \sqrt{37})}{1.5}$

✓ 2. $\frac{(7 + \sqrt{37})}{6}$ & $\frac{(7 - \sqrt{37})}{6}$

✗ 3. $\frac{(-7 + \sqrt{37})}{3}$ & $\frac{(-7 - \sqrt{37})}{3}$

✗ 4. $\frac{(-7 + \sqrt{37})}{3}$ & $\frac{(7 + \sqrt{37})}{1.5}$

Q.96 A dishonest shopkeeper claims that he sells rock salt at ₹17/kg, which costs him ₹20/kg. But he gives 567 g instead of 1134 g. What is his profit percentage?

Ans

✗ 1. Profit of 68%

✗ 2. Profit of 73%

✓ 3. Profit of 70%

✗ 4. Profit of 69%

Q.97 A and B complete a work in 14 days. If A alone can do it in 56 days, then B alone can do three-fourth of the same work in _____ days.

Ans

✓ 1. 14

✗ 2. 42

✗ 3. 56

✗ 4. 28

Q.98 Find the area of the sector when the radius of the circle is 16.2 units and the length of the arc is 5 units.

Ans

✗ 1. 42.5 units^2

✓ 2. 40.5 units^2

✗ 3. 46.5 units^2

✗ 4. 44.5 units^2

Q.99 What is the primary purpose of defining a 'Named Range' in MS Excel?

Ans

✗ 1. To create a visual chart or graph from the selected data

✓ 2. To refer to a cell or range of cells using a more descriptive and easier-to-understand name in formulas

✗ 3. To encrypt the data within a selected range of cells

✗ 4. To apply specific formatting to a group of cells

Q.100 **Which of the following banking facilities is/are operated by National Payments Corporation of India?**

1. National Electronic Funds Transfer (NEFT)
2. Aadhaar Enabled Payment System
3. UPI Lite

Ans

✗ 1. Only 1 and 3

✗ 2. 1, 2 and 3

✓ 3. Only 2 and 3

✗ 4. Only 1 and 2

Test Date	19/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Which of the following is a unit of the dimension 'length'?**

Ans
✗ 1. Joule
✓ 2. Metre
✗ 3. Ampere
✗ 4. Kilogram

Q.2 **KX 3 is related to OV -9 in a certain way. In the same way, IR 11 is related to MP -1. To which of the given options is JG -2 related, following the same logic?**

Ans
✓ 1. NE -14
✗ 2. OE -14
✗ 3. OF -13
✗ 4. NF -15

Q.3 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(36, 27, 41)
(45, 36, 50)

Ans
✗ 1. (74, 65, 89)
✗ 2. (61, 52, 56)
✗ 3. (28, 19, 43)
✓ 4. (53, 44, 58)

Q.4 **Which of the following features is NOT typical of the Thar Desert?**

Ans
✗ 1. Shifting dunes
✗ 2. Inland drainage
✗ 3. Oases
✓ 4. Dense evergreen forests

Q.5 **The Red Shirt Movement, also known as Khudai Khidmatgar, was led by which Indian freedom fighter in the North-West Frontier Province?**

Ans
✗ 1. Subhas Chandra Bose
✓ 2. Khan Abdul Ghaffar Khan
✗ 3. Maulana Abul Kalam Azad
✗ 4. Madan Mohan Malviya

Q.6 How does the writ jurisdiction of the High Courts differ from that of the Supreme Court?

Ans

✗ 1. High Courts can issue writs only against state governments, not the Centre.

✓ 2. High Courts can issue writs for purposes beyond Fundamental Rights, unlike the Supreme Court.

✗ 3. High Courts can issue writs only in appellate cases, not in original jurisdiction.

✗ 4. High Courts require prior approval from the Supreme Court before issuing writs.

Q.7 Q, R, S, T, U, V and Y are sitting around a circular table facing the centre of the table. Y sits fourth to the left of S. R sits fourth to the right of T. Only two people sit between S and T when counted from the left of S. V is not an immediate neighbour of R or T. U is not an immediate neighbour of V. Who sits third to the right of Q?

Ans

✗ 1. Y

✗ 2. T

✗ 3. U

✓ 4. R

Q.8 Which keyboard shortcut is used to copy selected text in MS Word 365?

Ans

✗ 1. Ctrl + V

✓ 2. Ctrl + C

✗ 3. Ctrl + X

✗ 4. Ctrl + Z

Q.9 If the third proportional of 40 and Z is 10, then what is the positive value of Z?

Ans

✗ 1. 21

✗ 2. 19

✓ 3. 20

✗ 4. 17

Q.10 In a certain code language, 'LOST' is coded as '6832' and 'SALT' is coded as '2136'. What is the code for 'A' in the given code language?

Ans

✗ 1. 3

✗ 2. 6

✓ 3. 1

✗ 4. 2

Q.11 What should come in place of the question mark (?) in the given series?

1514 1513 1517 1508 1524 ?

Ans

✗ 1. 1478

✓ 2. 1499

✗ 3. 1476

✗ 4. 1474

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All pulse are rice.
All rice are wheat.
All wheat are corn.

Conclusions:
(I) All pulse are corn.
(II) Some corn are rice.

Ans
✗ 1. Neither conclusion (I) nor (II) follows
✓ 2. Both conclusions (I) and (II) follow
✗ 3. Only conclusion (II) follows
✗ 4. Only conclusion (I) follows

Q.13 If 3 is added to each even digit and 2 is added to each odd digit in the number 413257, what will be the sum of the first and last digits in the new number thus formed?

Ans
✗ 1. 14
✗ 2. 12
✗ 3. 10
✓ 4. 16

Q.14 If the selling price of a bed is 2-times of initial, then the profit is 8-times of initial. Find the initial profit percentage (in %).

Ans
✗ 1. 300
✗ 2. 400
✗ 3. 25
✓ 4. 16.67

Q.15 Simplify: $\left[\left(26 \div \frac{4}{2}\right) \times \left\{8 \div 2 \times \frac{12-2}{5}\right\} \div \{4 \times 4 \div 3\}\right]$

Ans
✗ 1. 16.5
✓ 2. 19.5
✗ 3. 30
✗ 4. 13

Q.16 Mr. Becks starts from Point A and drives 9 km towards the East. He then takes a right turn, drives 16 km, turns right and drives 28 km. He then takes a right turn and drives 21 km. He takes a final right turn, drives 19 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
✓ 1. 5 km to the South
✗ 2. 3 km to the North
✗ 3. 7 km to the South
✗ 4. 1 km to the North

Q.17 Who were the 'Rajukas' during the Mauryan period?

Ans
✓ 1. Provincial officials
✗ 2. Militias
✗ 3. Craftsmen
✗ 4. Army administrators

Q.18 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
HKP22 ILQ31 JMR40 KNS49 ?

Ans
✗ 1. LOT59
✓ 2. LOT58
✗ 3. LOS59
✗ 4. LOS58

Q.19 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on an odd numbered floor but not 3. The sum of floors on which B and D live is 7. E lives immediately below F. C lives on the top floor. How many people live above E?

Ans
✗ 1. 2
✗ 2. 4
✓ 3. 3
✗ 4. 1

Q.20 Consider the following statements regarding Operation Brahma, launched in March 2025.
The operation was launched by the Government of India to assist Myanmar and Thailand after a major earthquake.
Indian Navy ships Satpura and Savitri from the Eastern Naval Command sailed for Yangon with relief material.
The Indian Army deployed a 118-member medical task force from the Shatrujeet Brigade as part of the relief efforts.
A 60-bed Medical Treatment Centre was set up by the Indian Army in Thailand for trauma and emergency care.
Which of the above statements are correct?

Ans
✗ 1. Only 1 and 4
✗ 2. Only 2 and 3
✗ 3. 1, 2, 3 and 4
✓ 4. Only 1, 2 and 3

Q.21 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

SPM 8, TQN 14, URO 20, VSP 26, ?

Ans
✗ 1. WQM 30
✗ 2. XPM 30
✓ 3. WTQ 32
✗ 4. XRN 32

Q.22 Which two numbers should be interchanged to make the following equation correct? (Note: The entire number should be interchanged and not individual digits of a given number.)

$24 \times 3 + (32 \div 4) - 10 \times 8 + 26 = 196$

Ans
✗ 1. 4 and 8
✗ 2. 26 and 24
✓ 3. 3 and 8
✗ 4. 24 and 32

Q.23 A group of people consists of men, women and children. Among them, 20% are men, 30% are women and the rest are children, and their average weights are 50 kg, 40 kg and 30 kg, respectively. The average weight of the group (in kg) is:

Ans
✓ 1. 37
✗ 2. 36
✗ 3. 34
✗ 4. 35

Q.24 Hiromi Kawakami's speculative fiction novel, shortlisted for the 2025 International Booker Prize, is titled:

Ans
- ✔ 1. Under the Eye of the Big Bird
- ✘ 2. The Nakano Thrift Shop
- ✘ 3. Strange Weather in Tokyo
- ✘ 4. The Ten Loves of Nishino

Q.25 Which of the following numbers is divisible by 44?

Ans
- ✘ 1. 3379
- ✘ 2. 2967
- ✘ 3. 3550
- ✔ 4. 3344

Q.26 A water tank can be filled in 19 minutes by using 39 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 23 pipes of the same capacity as above?

Ans
- ✘ 1. 24.73
- ✔ 2. 32.22
- ✘ 3. 27.49
- ✘ 4. 37.03

Q.27 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 4 $ 4 2 2 7 4 1 8 € 6 9 3 £ 3 £ 9 @ % 9 # £ (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✘ 1. 3
- ✘ 2. 1
- ✔ 3. 2
- ✘ 4. 4

Q.28 Kalpana and Sudha got 656 and 697 marks, respectively, in the same examination. If Kalpana scored 32% marks, then what is the percentage of marks scored by Sudha?

Ans
- ✘ 1. 32%
- ✘ 2. 35%
- ✔ 3. 34%
- ✘ 4. 37%

Q.29 The sides of a triangle are 109 cm, 171 cm, and 100 cm. What is the length (in cm) of its altitude corresponding to the side with a length of 171 cm?

Ans
- ✘ 1. 94
- ✘ 2. 49
- ✔ 3. 60
- ✘ 4. 82

Q.30 According to World Bank's State of Social Protection Report 2025, as of 2022, how many people in low- and middle-income countries lacked adequate social protection coverage?

Ans
- ✘ 1. 04 billion
- ✔ 2. 02 billion
- ✘ 3. 05 billion
- ✘ 4. 03 billion

Q.31 What is the median of the following data?

15, 70, 34, 37, 25, 36, 74, 36, 54, 78, 33

Ans

✗ 1. 37

✓ 2. 36

✗ 3. 35.5

✗ 4. 36.5

Q.32 The average of first 17 multiples of 13 is:

Ans

✗ 1. 127

✗ 2. 137

✓ 3. 117

✗ 4. 128

Q.33 If a + b = 50, and a − b = 21, find the value of $(a + b)^2$.

Ans

✗ 1. 2466

✓ 2. 2500

✗ 3. 2504

✗ 4. 2456

Q.34 At STP, the number of molecules present in 5.6 L of O_2 gas is:

Ans

✗ 1. 2.24×10^{23}

✗ 2. 1.5055×10^{23}

✗ 3. 6.022×10^{23}

✓ 4. 3.011×10^{23}

Q.35 Privatisation can be partial, involving minority shareholding by the private sector. What is the government's shareholding threshold in a PSU for it to be considered privatised?

Ans

✗ 1. 51%

✗ 2. More than 50%

✗ 3. 75%

✓ 4. Less than 51%

Q.36 Skill development became crucial in aligning the workforce with economic needs. Which flagship program was launched in 2015 to improve employability through skill training?

Ans

✗ 1. Kaushal Bharat

✓ 2. Skill India Mission

✗ 3. Digital Literacy Program

✗ 4. Ujjwala Yojana

Q.37 What does PCB stand for in electronics?

Ans

✗ 1. Power Circuit Board

✗ 2. Personal Control Board

✗ 3. Portable Control Base

✓ 4. Printed Circuit Board

Q.38 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: OSR :: JNM : %

Ans

✗ 1. # = ROU, % = GKQ

✗ 2. # = IUU, % = GBQ

✗ 3. # = UQU, % = GOZ

✓ 4. # = RVU, % = GKJ

Q.39 What is the range of the Hansa NG trainer aircraft launched in 2025?

Ans

✗ 1. 1,000 nautical miles

✗ 2. 800 nautical miles

✗ 3. 400 nautical miles

✓ 4. 620 nautical miles

Q.40 The Ajanta caves have been mentioned in the accounts of which of the following travellers?

Ans

✗ 1. Ibn-Battuta

✓ 2. Hiuen Tsang

✗ 3. Domingo Paes

✗ 4. Megasthenes

Q.41 Which of the following is the greatest number that divides 137 and 198 and leaves 7 and 3 as respective remainders?

Ans

✗ 1. 67

✗ 2. 68

✓ 3. 65

✗ 4. 71

Q.42 An article's cost price is ₹300, and the marked price is mentioned as ₹1,032. What is the profit percentage of the seller if he sells it by allowing a discount of 50% on the marked price?

Ans

✗ 1. 69%

✗ 2. 73%

✗ 3. 70%

✓ 4. 72%

Q.43 This question is based on the five, three-digit numbers given below.

(Left) 514 414 422 875 167 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

Ans

✗ 1. −2

✗ 2. 2

✓ 3. −1

✗ 4. 0

Q.44 If 14, 7, 12, and y are in proportion, then the value of y is:

Ans
- ✗ 1. 10
- ✓ 2. 6
- ✗ 3. 16
- ✗ 4. 2

Q.45 In Carnatic music, the concluding part of 'Pallavi' is usually known as:

Ans
- ✓ 1. Ragamalika
- ✗ 2. Varnam
- ✗ 3. Anu Pallavi
- ✗ 4. Thanam

Q.46 Who was 'Young Raja' in the context of Khond Uprising in Odisha?

Ans
- ✗ 1. Maganlal Bhukhan
- ✓ 2. Chakra Bisoi
- ✗ 3. U Tirot Singh
- ✗ 4. Jetha Madhavji

Q.47 Which group gained increased importance in the post-Gupta society due to land grants?

Ans
- ✗ 1. Shudras
- ✗ 2. Kshatriyas
- ✗ 3. Vaishyas
- ✓ 4. Brahmins

Q.48 The length of a rectangular field is $\left(\frac{2a+2\sqrt{5}}{4}\right)$ m and breadth is $\left(\frac{a-\sqrt{5}}{2}\right)$ m. Find the area of the rectangular field.

Ans
- ✗ 1. $\left(\frac{a^2-5}{2}\right)m^2$
- ✓ 2. $\left(\frac{a^2-5}{4}\right)m^2$
- ✗ 3. $\left(\frac{a^2+5}{2}\right)m^2$
- ✗ 4. $\left(\frac{a^2+5}{4}\right)m^2$

Q.49 Under whose administration was the practice of Sati officially abolished in British India?

Ans
- ✗ 1. Lord Cornwallis
- ✗ 2. Lord Canning
- ✗ 3. Lord Dalhousie
- ✓ 4. Lord William Bentinck

Q.50 In MS Word, when a user wants to move a block of text from one part of a document to another, which of the following sequences of actions should be performed?

Ans
- ✗ 1. Type the text → Save it → Retype it at the new location
- ✗ 2. Copy the text → Paste the text at the desired location
- ✓ 3. Cut the text → Paste the text at the desired location
- ✗ 4. Highlight the text → Save it → Open it in another document

Q.51 The ratio of three numbers is 10 : 15 : 13. If 10 percent of the first number is 66, what would be 50 percent of the difference of the third and second number?

Ans
✗ 1. 65
✓ 2. 66
✗ 3. 64
✗ 4. 68

Q.52 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbols	4	@	7	#	3	&	8	*	2	^	9
Code	H	A	J	B	K	C	L	D	M	E	N

Conditions:
i) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.
ii) If the first element is an even number and the last an odd number, the first and last elements are to be coded as .
iii) If both the second and third elements are perfect cubes, then the code of the second element will be the code of the third element.

What will be the code for the following group?

348@

Ans
✗ 1. KHLA
✗ 2. KLHA
✗ 3. ALHK
✓ 4. AHLK

Q.53 Each of the digits in the number 7234169 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
✗ 1. 2
✗ 2. 1
✓ 3. 4
✗ 4. 3

Q.54 Chemical fertilisers were used intensively during the Green Revolution. What was the result of their overuse?

Ans
✗ 1. Higher pest resistance
✗ 2. Crop diversification
✗ 3. Flooding
✓ 4. Soil salinity

Q.55 This question is based on the five, three-digit numbers given below.

(Left) 307 485 194 237 937 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans
✗ 1. −7
✗ 2. −3
✓ 3. −6
✗ 4. −5

Q.56 From 10 to 12 April 2025, the 9th edition of the Global Technology Summit (GTS) was held in which city?

Ans
- ✗ 1. Lucknow
- ✗ 2. Jaipur
- ✗ 3. Chandigarh
- ✓ 4. New Delhi

Q.57 As of April 2025, what growth percentage of Gross Domestic Product (GDP) for 2025-26 is projected by the Reserve Bank of India?

Ans
- ✓ 1. 6.5%
- ✗ 2. 5%
- ✗ 3. 6.3%
- ✗ 4. 4.5%

Q.58 If $\Delta ABC \cong \Delta PQR$, such that $\angle ABC = 77°$, $\angle BCA = (x - y)°$, $AC = 48$ cm, $\angle PQR = (3x - 4)°$, $PR = x + 3y$, then find the value of $\angle QRP$.

Ans
- ✗ 1. $28°$
- ✗ 2. $32°$
- ✗ 3. $23°$
- ✓ 4. $20°$

Q.59 Find the median from the following data.

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	11	18	22	30	40	16	33

Ans
- ✗ 1. 45 years
- ✗ 2. 74 years
- ✓ 3. 56 years
- ✗ 4. 58 years

Q.60 Z is the wife of S. M and C are daughters of S. T is the daughter of C. How is M related to T?

Ans
- ✓ 1. Mother's sister
- ✗ 2. Mother's mother
- ✗ 3. Bother's wife
- ✗ 4. Mother

Q.61 If at the same rate of interest, in 2 years, the simple interest is ₹40 and compound interest, compounded annually, is ₹41, then what is the principal (in ₹)?

Ans
- ✓ 1. 400
- ✗ 2. 395
- ✗ 3. 393
- ✗ 4. 404

Q.62 NKGO is related to LIEM in a certain way based on the English alphabetical order. In the same way, QNJR is related to OLHP. To which of the given options is TQMU related, following the same logic?

Ans
- ✗ 1. ORSK
- ✗ 2. ROSK
- ✓ 3. ROKS
- ✗ 4. ORKS

Q.63 Find the simple interest (in ₹) on ₹2,000 at 5.75% per annum rate of interest for the period from 15 February 2023 to 29 April 2023.

Ans

✗ 1. 24

✗ 2. 21

✗ 3. 22

✓ 4. 23

Q.64 What is the primary objective of the 'Sahkar' taxi service, launched by the Indian government in March 2025?

Ans

✗ 1. To establish a government-owned ride-hailing monopoly

✗ 2. To empower drivers through a cooperative, profit-sharing model

✗ 3. To provide free taxi services to senior citizens

✓ 4. To replace all existing private taxi services in India

Q.65 Mr. Z starts from Point Y and drives 12 km towards the north. He then takes a left turn, drives 2 km, turns right and drives 1 km. He then takes a left turn and drives 14 km. He takes a final left turn, drives 13 km and stops at Point X. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

Ans

✗ 1. 14 km towards the west

✗ 2. 13 km towards the north

✗ 3. 11 km towards the south

✓ 4. 16 km towards the east

Q.66 Which of the following statements about Printed Circuit Boards (PCBs) is INCORRECT?

Ans

✓ 1. PCBs serve only desktop computers and not portable devices.

✗ 2. PCBs hold and connect electronic components using conductive tracks.

✗ 3. PCBs provide a base to support and organize hardware parts.

✗ 4. Complex devices may use multilayer PCBs to fit more circuitry.

Q.67 A and B complete a work in 18 days. If A alone can do it in 24 days, then B alone can do one-fourth of the same work in _____ days.

Ans

✓ 1. 18

✗ 2. 72

✗ 3. 36

✗ 4. 54

Q.68 Which of the following events was part of the 15th National Voters' Day celebrations held in January 2025?

Ans

✓ 1. Presentation of best electoral practices awards

✗ 2. Launch of digital voting machines

✗ 3. Introduction of online voter ID application

✗ 4. Announcement of new electoral boundaries

Q.69 Financial inclusion has been a major goal of post-1991 economic reforms in India. Which of the following flagship schemes was launched in 2014 to promote financial inclusion through universal access to banking facilities?

Ans

✗ 1. National Rural Livelihood Mission (NRLM)

✓ 2. Pradhan Mantri Jan Dhan Yojana (PMJDY)

✗ 3. Atal Pension Yojana (APY)

✗ 4. Pradhan Mantri MUDRA Yojana (PMMY)

Q.70 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has the exam on Wednesday. Only one person has the exam after T. P has the exam immediately after R, but not on Tuesday. S has the exam immediately before U.

How many people have exams between P and Q?

Ans

✗ 1. Two

✗ 2. Three

✓ 3. One

✗ 4. Four

Q.71 The Northern Plains of India have been primarily formed by which of the following processes?

Ans

✓ 1. Deposition of alluvium

✗ 2. Volcanic eruption

✗ 3. Glacial erosion

✗ 4. Tectonic uplift

Q.72 The speed of a boat in still water is 17 km/hr and the speed of the stream is 16 km/hr. A man rows to a place at a distance of 26.4 km and comes back to the starting point. Find the total time (in hours) taken by him.

Ans

✗ 1. 23.4

✗ 2. 17.8

✗ 3. 25.4

✓ 4. 27.2

Q.73 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1845637, what will be the sum of the digits that are second from the left and second from the right?

Ans

✗ 1. 6

✓ 2. 10

✗ 3. 12

✗ 4. 8

Q.74 What powers and responsibilities were granted to Panchayati Raj Institutions through the 73rd Constitutional Amendment Act of 1992?

Ans

✗ 1. Full autonomy from State

✓ 2. Constitutional status and protection

✗ 3. Direct control over the armed forces in rural areas

✗ 4. Power to override state legislations in matters of local importance

Q.75 If $3\ \text{cotA} = 2$, then find the value of $\sqrt{\frac{3(\text{cosec}^2\text{A}-1)}{(\sec^2\text{A}-1)}}$.

Ans

✗ 1. $\frac{2\sqrt{3}}{9}$

✗ 2. $\frac{2\sqrt{3}}{3}$

✓ 3. $\frac{4\sqrt{3}}{9}$

✗ 4. $\frac{4\sqrt{3}}{3}$

Q.76 An award made by a Lok Adalat has the same status as a _____.

Ans
- ✗ 1. Supreme Court order
- ✗ 2. High Court judgement
- ✗ 3. Magistrate's order
- ✓ 4. Civil Court decree

Q.77 Find the effective price percentage of the marked price after three consecutive discounts of 8%, 17% and 17%. (Rounded up to two decimal places.)

Ans
- ✗ 1. 64.53%
- ✗ 2. 64.71%
- ✓ 3. 63.38%
- ✗ 4. 64.51%

Q.78 UQNV is related to SOLT in a certain way based on the English alphabetical order. In the same way, XTQY is related to VROW. To which of the given options is RNKS related, following the same logic?

Ans
- ✓ 1. PLIQ
- ✗ 2. PLQI
- ✗ 3. LPIQ
- ✗ 4. LPQI

Q.79 Which of the following is the most effective method for organizing files and folders in a computer's operating system?

Ans
- ✓ 1. Creating a logical folder structure that reflects the content, using clear, descriptive names
- ✗ 2. Naming files and folders with random characters to avoid confusion
- ✗ 3. Renaming folders frequently to prevent them from becoming cluttered
- ✗ 4. Storing all files and folders in one directory to save space

Q.80 As of February 2025, how many Khelo India Centres have been established across India for training athletes?

Ans
- ✗ 1. 1511
- ✗ 2. 1205
- ✓ 3. 1041
- ✗ 4. 2021

Q.81 Which transport initiative aims to link India with Thailand and Myanmar under India's Act East Policy?

Ans
- ✗ 1. Mekong–Ganga Corridor
- ✗ 2. East Coast Economic Corridor
- ✓ 3. IMT Trilateral Highway
- ✗ 4. Kaladan Project

Q.82 What should come in place of the question mark (?) in the given series?

277, 254, 221, ?, 125, 62

Ans
- ✗ 1. 188
- ✗ 2. 158
- ✓ 3. 178
- ✗ 4. 168

Q.83 What was the cutoff date for migrants to be eligible under the Citizenship (Amendment) Act, 2019 (CAA)?

Ans
- ✗ 1. January 26, 1950
- ✓ 2. December 31, 2014
- ✗ 3. March 31, 2020
- ✗ 4. August 15, 1947

Q.84 Convectional rainfall is common in which part of India during the pre-monsoon period?

Ans
- ✗ 1. Western Ghats
- ✗ 2. Kerala coast
- ✓ 3. Chhota Nagpur Plateau
- ✗ 4. Eastern Himalayas

Q.85 In January 2025, India mourned the loss of Dr K.S. Manilal, a pioneering scientist in which of the following fields?

Ans
- ✓ 1. Botany
- ✗ 2. Environmental Engineering
- ✗ 3. Astronomy
- ✗ 4. Marine Biology

Q.86 In lipid biochemistry, why do unsaturated fatty acids tend to be liquid at room temperature?

Ans
- ✓ 1. The cis-double bonds introduce kinks, reducing van der Waals interactions.
- ✗ 2. They have lower molecular weights than saturated fatty acids.
- ✗ 3. They form ionic bonds that prevent solidification.
- ✗ 4. Their double bonds increase molecular symmetry leading to less crystal packing.

Q.87 In a certain code language, 'CURE' is coded as '3527' and 'EATS' is coded as '1246'. What is the code for 'E' in the given code language?

Ans
- ✗ 1. 1
- ✓ 2. 2
- ✗ 3. 6
- ✗ 4. 7

Q.88 A, B, C, D, E, F, and G are sitting around a circular table facing the centre. D sits to the immediate right of B. Only three people sit between D and E when counted from the left of D. Only three people sit between B and C. F sits to the immediate right of A.
How many people sit between A and B when counted from the left of A?

Ans
- ✗ 1. One
- ✗ 2. Two
- ✗ 3. Three
- ✓ 4. Four

Q.89 What is the maximum time limit for a co-operative society to conduct its annual general meeting after the close of the financial year?

Ans
- ✓ 1. 6 months
- ✗ 2. 9 months
- ✗ 3. 3 months
- ✗ 4. 12 months

Q.90 15 chairs and 3 tables cost ₹7,800 and 14 chairs and 6 tables cost ₹9,200. What is the cost of 17 chairs and 18 tables?

Ans

✗ 1. ₹17,598

✗ 2. ₹17,604

✓ 3. ₹17,600

✗ 4. ₹17,596

Q.91 A man receives ₹7,915 per month as salary. He saves 20% of his salary every month. His expenditure per month is:

Ans

✗ 1. ₹6,420

✓ 2. ₹6,332

✗ 3. ₹6,270

✗ 4. ₹6,346

Q.92 Which novel by Chimamanda Ngozi Adichie portrays the interconnected lives of four African women?

Ans

✗ 1. Americanah

✗ 2. Purple Hibiscus

✗ 3. Half of a Yellow Sun

✓ 4. Dream Count

Q.93 A man takes 13 hours to swim 91 km downstream. He swims 39 km upstream in the same time. What is the speed (in km/hr) of the boat in still water?

Ans

✓ 1. 5

✗ 2. 8

✗ 3. 1

✗ 4. 9

Q.94 Let a be an odd positive integer. If the roots of a quadratic equation $x^2 - (a - 1)x + 4a + 7 = 0$ are integers, then the least value of a is:

Ans

✗ 1. 25

✗ 2. 19

✓ 3. 21

✗ 4. 23

Q.95 The volume of a right circular cylinder is 4851 cm^3 and its curved surface area is 462 cm^2. If this cylinder is generated by rotating a rectangle about its length by 360°, what will be the perimeter (in cm) of this rectangle?

$$Use\ \pi = \frac{22}{7}$$

Ans

✗ 1. 53

✓ 2. 49

✗ 3. 43

✗ 4. 47

Q.96 N, I, G, H, T and S live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only H lives below G. Only I lives above S. T lives immediately below S. Who lives on floor numbered 3?

Ans

✗ 1. T

✓ 2. N

✗ 3. H

✗ 4. S

Q.97 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. BURM
- ✗ 2. QJGB
- ✗ 3. HAXS
- ✓ 4. TMJF

Q.98 Which latitude passes through the Rann of Kutch?

Ans
- ✓ 1. 23.5°N
- ✗ 2. 25°N
- ✗ 3. 20°N
- ✗ 4. 18°N

Q.99 In a circle, two chords, AB and CD, measuring 14 cm and 6 cm, respectively, are parallel to each other on the same side of the centre. If the distance between them is 4 cm, find the length (in cm) of the diameter of the circle.

Ans
- ✗ 1. $2\sqrt{29}$
- ✓ 2. $2\sqrt{58}$
- ✗ 3. $\sqrt{58}$
- ✗ 4. $\sqrt{29}$

Q.100 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. UP – CW
- ✗ 2. JE – RL
- ✗ 3. BW – JD
- ✓ 4. DY – LE

Test Date	20/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **What was the theme for the Republic Day 2025 celebrations in India?**

Ans
✔ 1. Swarnim Bharat: Virasat Aur Vikas
✘ 2. Celebrating the Constitution
✘ 3. Unity in Diversity
✘ 4. India@75: A Nation Marching Forward

Q.2 **According to the World Bank 2021 data, what was the poverty rate at $2.15 a day (2017 PPP) for India?**

Ans
✔ 1. 12.92%
✘ 2. 8.9%
✘ 3. 15%
✘ 4. 10.5%

Q.3 **Who is known as the 'Mother of Indian Revolution' for her pioneering role in the early Indian independence movement and for unfurling the first version of the Indian national flag abroad?**

Ans
✘ 1. Vijaya Lakshmi Pandit
✘ 2. Annie Besant
✔ 3. Madam Bhikaji Cama
✘ 4. Sarojini Naidu

Q.4 **The crescent-shaped sand dunes found in the Thar Desert are called:**

Ans
✘ 1. Inselbergs
✘ 2. Ergs
✔ 3. Barchans
✘ 4. Yardangs

Q.5 The sum of the area of two squares whose sides are p cm and q cm, respectively, is 317 cm^2 and the sum of their perimeters is 100 cm. Find the product of p and q.

Ans
✔ 1. 154 cm^2
✘ 2. 108 cm^2
✘ 3. 135 cm^2
✘ 4. 147 cm^2

Q.6 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has an exam on Wednesday. Exactly 3 people have an exam between P and S. V has an exam immediately after T, and Q has an exam immediately before T. Only 3 people have an exam between U and T. How many people have an exam after Q?

Ans
- ✔ 1. 3
- ✘ 2. 4
- ✘ 3. 1
- ✘ 4. 2

Q.7 Find the simple interest (in closest integral ₹) on ₹3,000 at 8% per annum rate of interest for the period from 14 February 2024 to 15 April 2024.

Ans
- ✘ 1. 39
- ✔ 2. 40
- ✘ 3. 38
- ✘ 4. 41

Q.8 The ratio between the length and the breadth of a rectangular park is 3 : 8, and the perimeter of the park is 264 m. Find the area (in m^2) of the park.

Ans
- ✘ 1. 3460
- ✘ 2. 3455
- ✘ 3. 3451
- ✔ 4. 3456

Q.9 This question is based on the five, three-digit numbers given below.
(Left) 190 735 494 761 781 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

Ans
- ✘ 1. −1
- ✘ 2. 2
- ✘ 3. −2
- ✔ 4. 1

Q.10 For the quadratic equation $7x^2 - 28x + 21 = 0$, what is the sum of the roots?

Ans
- ✔ 1. 4
- ✘ 2. 5
- ✘ 3. 2
- ✘ 4. 3

Q.11 Which of the following was the famous ruler of the Satavahana dynasty?

Ans
- ✔ 1. Gautamiputra Satakarni
- ✘ 2. Kanishka
- ✘ 3. Bhagabhadra
- ✘ 4. Vasumitra Satakarni

Q.12 A class of 30 students appeared in a test. The average score of 12 students is 70, and that of the rest is 62. What is the average score of the class?

Ans
- ✘ 1. 64.2
- ✘ 2. 66.2
- ✔ 3. 65.2
- ✘ 4. 63.2

Q.13 An article is sold for ₹x. If it is sold at 25% of this price, there is a loss of 50%. What is the percentage profit when it is sold for ₹x?

Ans

✔ 1. 100%

✘ 2. 101%

✘ 3. 97%

✘ 4. 98%

Q.14 ZRVY is related to TLPS in a certain way based on the English alphabetical order. In the same way, WOSV is related to QIMP. To which of the given options is UMQT related, following the same logic?

Ans

✘ 1. OGNK

✔ 2. OGKN

✘ 3. GONK

✘ 4. GOKN

Q.15 Which soil is deficient in nitrogen and phosphorus but rich in iron and aluminium?

Ans

✘ 1. Alluvial soil

✘ 2. Black soil

✘ 3. Desert soil

✔ 4. Laterite soil

Q.16 The sum of the lengths of the edges of a cube is equal to the sum of the lengths of the edges of a cuboid whose length, breadth and height are in the ratio 4 : 3 : 1. Find the volume (in cm^3) of the cuboid if the volume of the cube is 512 cm^3.

Ans

✘ 1. 299

✘ 2. 340

✔ 3. 324

✘ 4. 315

Q.17 In the Indian parliamentary system, who has the authority to dissolve the Lok Sabha before its term expires?

Ans

✘ 1. The Speaker of Lok Sabha takes the decision.

✘ 2. The Council of Ministers passes a resolution.

✔ 3. The Prime Minister advises the President to dissolve it.

✘ 4. The Chief Justice of India orders dissolution.

Q.18 In the 2024 Jharkhand Assembly elections, how many seats did the Jharkhand Mukti Morcha (JMM) secure out of the total constituencies?

Ans

✘ 1. 30 out of 81

✘ 2. 38 out of 90

✔ 3. 34 out of 81

✘ 4. 36 out of 90

Q.19 In a certain code language, 'LINK' is coded as '9236' and 'SINK' is coded as '6349'. What is the code for 'S' in the given code language?

Ans

✘ 1. 3

✘ 2. 6

✘ 3. 9

✔ 4. 4

Q.20 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5637482, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. 5
- ✗ 2. 4
- ✓ 3. 2
- ✗ 4. 3

Q.21 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(29, 41, 53)
(37, 49, 61)

Ans
- ✓ 1. (53, 65, 77)
- ✗ 2. (67, 79, 101)
- ✗ 3. (36, 48, 50)
- ✗ 4. (40, 52, 74)

Q.22 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PK23 OJ34 NI45 MH56 ?

Ans
- ✗ 1. LH67
- ✗ 2. LG68
- ✓ 3. LG67
- ✗ 4. LH68

Q.23 The famous dance form 'Kuchipudi' derives its name from the village Kuchelapuram, which is located in _____.

Ans
- ✗ 1. Karnataka
- ✓ 2. Andhra Pradesh
- ✗ 3. Tamil Nadu
- ✗ 4. Kerala

Q.24 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has an exam on Wednesday. Exactly 4 people have exams between S and R, neither of whom has an exam on Monday. Q has an exam immediately before and V has an exam immediately after P. U has an exam immediately before S. Who has an exam on Sunday?

Ans
- ✗ 1. U
- ✗ 2. P
- ✓ 3. R
- ✗ 4. S

Q.25 What is the primary environmental impact of the release of freon from refrigeration plants on the atmosphere?

Ans
- ✗ 1. Increased nitrogen
- ✓ 2. Stratospheric ozone depletion
- ✗ 3. Increased oxygen level
- ✗ 4. Reduced greenhouse gas emissions

Q.26 As per the Goods and Services Tax (Period of Levy and Collection of Cess) Rules, 2022, notified by the Finance Ministry, up to which date will the GST compensation cess be levied in India?

Ans
- ✗ 1. 31 December 2026
- ✗ 2. 31 December 2025
- ✗ 3. 30 June 2025
- ✓ 4. 31 March 2026

Q.27 ASXZ is related to DVAC in a certain way based on the English alphabetical order. In the same way, MEJL is related to PHMO. To which of the following options is VNSU related, following the same logic?

Ans
- ✓ 1. YQVX
- ✗ 2. YQXV
- ✗ 3. YVXQ
- ✗ 4. YVQX

Q.28 During the 1886 session of the Indian National Congress in Calcutta, a major demand was raised for simultaneous Indian Civil Service examinations in England and India. Who presided over this session?

Ans
- ✗ 1. WC Bonnerjee
- ✗ 2. Surendranath Banerjee
- ✗ 3. Badruddin Tyabji
- ✓ 4. Dadabhai Naoroji

Q.29 Which of the following actions is essential for preserving changes made to an Excel workbook under a new file name?

Ans
- ✓ 1. Selecting 'Save As' and choosing a new name or location
- ✗ 2. Clicking 'Print' from the File tab
- ✗ 3. Pressing Ctrl + P
- ✗ 4. Closing the application without saving

Q.30 Refer to the number and symbol series given below and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ 2 % * 4 2 & £ % 1 £ & 9 7 & 9 7 $ 9 1 $ 2 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✗ 1. 2
- ✗ 2. 5
- ✓ 3. 3
- ✗ 4. 4

Q.31 By how much is 60% of 40 greater than $\frac{1}{5}$ of 15?

Ans
- ✗ 1. 19
- ✓ 2. 21
- ✗ 3. 18
- ✗ 4. 15

Q.32 What was the rate of increase in capital expenditure by the central government on major infrastructure sectors from 2019-20 to 2023-24?

Ans
- ✔ 1. 39%
- ✘ 2. 25%
- ✘ 3. 30%
- ✘ 4. 35%

Q.33 Seven friends, C, D, E, F, G, H and P, are sitting in a row facing north. Only three people sit between F and C. P sits to the immediate left of C. No one sits to the right of E. Only two people sit between E and P. H sits to the immediate right of D. How many people sit between G and H?

Ans
- ✘ 1. Three
- ✔ 2. Two
- ✘ 3. One
- ✘ 4. Four

Q.34 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✔ 1. MH - KJ
- ✘ 2. SV - PS
- ✘ 3. IL - FI
- ✘ 4. PS - MP

Q.35 Which of the following sessions of the INC passed a resolution opposing the Arms Act and the Vernacular Press Act?

Ans
- ✘ 1. 1895 Poona
- ✔ 2. 1885 Bombay
- ✘ 3. 1888 Allahabad
- ✘ 4. 1887 Madras

Q.36 This question is based on the five, three-digit numbers given below.

(Left) 497 581 452 460 775 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if second digit of the highest number is subtracted from the second digit of the lowest number?

Ans
- ✘ 1. 1
- ✘ 2. −3
- ✘ 3. −1
- ✔ 4. −2

Q.37 The mean of a data is 43 and its median is 78. The mode (using empirical relation) of the data is:

Ans
- ✘ 1. 80
- ✘ 2. 213
- ✔ 3. 148
- ✘ 4. 102

Q.38 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : UEQ :: VFR : %

Ans

✔ 1. # = KUG, % = FPB

✘ 2. # = LUG, % = FPB

✘ 3. # = KUG, % = FPU

✘ 4. # = KTG, % = FPB

Q.39 A man takes 6 hours to swim 66 km downstream. He swims 42 km upstream in the same time. What is the speed (in km/hr) of the boat in still water?

Ans

✘ 1. 13

✔ 2. 9

✘ 3. 16

✘ 4. 17

Q.40 The folk song of Kerala, which is sung to send away the evil ghosts and spirits, is called:

Ans

✘ 1. Bhakha

✔ 2. Bhuta

✘ 3. Baul

✘ 4. Wanawan

Q.41 Simplify: $\left[\left(26 \div \frac{2}{2}\right) \times \left\{6 \div 2 \times \frac{12-2}{2}\right\} \div \{5 \times 6 \div 3\}\right]$

Ans

✔ 1. 39

✘ 2. 78

✘ 3. 52

✘ 4. 65

Q.42 Why is decentralised planning considered advantageous in the Panchayati Raj system in India?

Ans

✘ 1. It centralises power in the hands of a few state officials.

✘ 2. It slows down the decision-making process, hindering development.

✔ 3. It allows local communities to tailor need-based development initiatives.

✘ 4. It limits community participation in development planning.

Q.43 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 248937615, what will be the sum of all the odd digits in the new number thus formed?

Ans

✘ 1. 20

✘ 2. 22

✘ 3. 26

✔ 4. 24

Q.44 On 15 April 2025, in which city of India STREE Summit 2025 on Women's Safety and Empowerment was held?

Ans

✘ 1. Patna

✘ 2. New Delhi

✘ 3. Ahmedabad

✔ 4. Hyderabad

Q.45 What should come in place of the question mark (?) in the given series?

912 910 920 918 928 ? 936

Ans

✗ 1. 924

✗ 2. 930

✓ 3. 926

✗ 4. 928

Q.46 The fourth proportion to 3, 9 and 4 is the same as the third proportion to A and 12. What is the value of A?

Ans

✓ 1. 12

✗ 2. 9

✗ 3. 15

✗ 4. 13

Q.47 A pipe can fill a tank in 12 hours. Another pipe can empty the filled tank in 14 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be filled is:

Ans

✗ 1. 86

✗ 2. 87

✗ 3. 85

✓ 4. 84

Q.48 Which city is set to host the Asia-Pacific Economic Cooperation (APEC) Summit in November 2025?

Ans

✗ 1. Incheon

✗ 2. Seoul

✓ 3. Gyeongju

✗ 4. Busan

Q.49 L, M, N, O, P and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only three people live between M and N, where M lives below N. O lives on an odd-numbered floor and immediately above M. W lives on one of the floors below P and on one of the floors above L. How many people live between P and L?

Ans

✗ 1. Two

✗ 2. One

✓ 3. Three

✗ 4. Four

Q.50 What is the primary purpose of the semi-cryogenic engine of ISRO in 2025?

Ans

✗ 1. To power the main stage of the Polar Satellite Launch Vehicle (PSLV)

✓ 2. To power the semi-cryogenic booster stage of the Launch Vehicle Mark-3 (LVM3)

✗ 3. To power the Geosynchronous Satellite Launch Vehicle (GSLV)

✗ 4. To power the upper stage of the Launch Vehicle Mark-3 (LVM3)

Q.51 What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 1,40,000 is increasing at a rate of 25% every year?

Ans

✗ 1. 17,170

✗ 2. 17,370

✗ 3. 18,270

✓ 4. 17,920

Q.52 In finding the HCF of two numbers by division method, the quotients are 1, 4, and 6, respectively, and the last divisor is 29. What is the LCM of the two numbers?

Ans
- ✔ 1. 22475
- ✘ 2. 22480
- ✘ 3. 22470
- ✘ 4. 22476

Q.53 Consider a scenario where a user interacts with a touch-sensitive display. Which of the following best describes the functional duality of this component within a computer system?

Ans
- ✘ 1. It acts solely as an output device, displaying visual feedback to the user's actions.
- ✘ 2. It functions exclusively as an input device, capturing the user's touch gestures and commands.
- ✔ 3. It serves as both an input device, detecting touch input, and an output device, displaying information and visual responses.
- ✘ 4. Its primary role is data storage, retaining user interactions for later processing.

Q.54 If $a + b = 46$ and $(a - b)^2 = 612$, find the value of product of a and b.

Ans
- ✘ 1. 460
- ✔ 2. 376
- ✘ 3. 405
- ✘ 4. 428

Q.55 SUZD is related to ACHL in a certain way based on the English alphabetical order. In the same way, YAFJ is related to GINR. To which of the following options is WYDH related, following the same logic?

Ans
- ✘ 1. EGPL
- ✘ 2. GPEL
- ✔ 3. EGLP
- ✘ 4. GPLE

Q.56 Keshav's salary is ₹13,000 per month. He spends ₹4,000 on house rent, ₹1,500 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly savings for the birthday celebration.

Ans
- ✘ 1. 75,000
- ✘ 2. 67,500
- ✔ 3. 82,500
- ✘ 4. 90,000

Q.57 According to the second law of reflection, all the incident ray, the normal to the mirror at the point of incidence and the reflected ray:

Ans
- ✔ 1. lie in the same plane
- ✘ 2. lie in different planes
- ✘ 3. are mutually perpendicular to each other
- ✘ 4. are parallel to each other

Q.58 In a dicot root, which tissue(s) is/are found between the xylem and phloem?

Ans
- ✘ 1. Trichomes
- ✘ 2. Subsidiary cells
- ✘ 3. Guard cells
- ✔ 4. Conjunctive tissue

Q.59 What is the median of the following data?

65, 67, 32, 16, 64, 27, 37, 16, 43, 85, 77

Ans

✗ 1. 44

✗ 2. 42.5

✓ 3. 43

✗ 4. 43.5

Q.60 What should come in place of the question mark (?) in the given series?

536, 513, 480, ?, 384, 321

Ans

✗ 1. 447

✓ 2. 437

✗ 3. 427

✗ 4. 457

Q.61 A dealer purchased a water cooler for ₹56,000. He allows a discount of 81% on its marked price and still gains 71%. Find the marked price of the water cooler.

Ans

✗ 1. ₹5,03,937

✗ 2. ₹5,03,908

✗ 3. ₹5,04,030

✓ 4. ₹5,04,000

Q.62 Mr. Plex starts from Point A and drives 22 km towards the East. He then takes a left turn, drives 31 km, turns left and drives 26 km. He then takes a left turn and drives 41 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans

✗ 1. 18 km to the West

✗ 2. 21 km to the West

✗ 3. 13 km to the South

✓ 4. 10 km to the North

Q.63 The Gini Coefficient is used to measure which of the following?

Ans

✗ 1. Unemployment rate

✗ 2. Consumption expenditure

✓ 3. Income inequality

✗ 4. Absolute poverty

Q.64 What happens when you apply a template to an existing MS PowerPoint presentation?

Ans

✗ 1. It only changes the background, without affecting text formatting.

✓ 2. It applies a new design while keeping the existing slide content.

✗ 3. It converts the PowerPoint presentation into a read-only format.

✗ 4. It completely replaces all slides and content.

Q.65 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7532168, what will be the difference of the digits which are third from the left and second from the right in the new number thus formed?

Ans

✗ 1. 1

✗ 2. 4

✗ 3. 3

✓ 4. 0

Q.66 Which of the following scenarios would most likely result in a 'page fault' error during typical computer operation?

Ans
- ✗ 1. Accessing data stored in the CPU cache
- ✗ 2. Writing data to a read-only memory location
- ✓ 3. Attempting to access a memory address that has been swapped out to the hard drive
- ✗ 4. Executing an instruction directly from the BIOS

Q.67 Which of the following statements is FALSE?

A) When a transversal cuts two lines such that the pair of corresponding angles are equal, then the lines have to be parallel.
B) When a transversal cuts two lines such that the pair of alternate interior angles are equal, then the lines have to be parallel.
C) When a transversal cuts two lines such that the pair of interior angles on the same sides of the transversal are complementary, then the lines have to be parallel.
D) When a transversal cuts two lines such that the pair of interior angles on the same sides of the transversal are supplementary, then the lines have to be parallel.

Ans
- ✗ 1. Only A
- ✗ 2. Only B
- ✗ 3. Only D
- ✓ 4. Only C

Q.68 2418.4 × 795.8 × 0.3735 is equal in value to:

Ans
- ✗ 1. 2.4184 × 7.958 × 373.5
- ✓ 2. 24.184 × 7958 × 3.735
- ✗ 3. 241.84 × 795.8 × 373.5
- ✗ 4. 2.4184 × 79.58 × 37.35

Q.69 As of March 2025, the National TB Elimination Programme (NTEP), under the aegis of National Health Mission (NHM), is implemented for how many days in India?

Ans
- ✓ 1. 100
- ✗ 2. 120
- ✗ 3. 150
- ✗ 4. 90

Q.70 A, B, L, M, S, T and Z are sitting around a circular table facing the centre. Z sits fourth to the right of B. Only two people sit between L and T when counted from the left of L. M sits third to the left of S. N is an immediate neighbour of S and T. How many people are there between Z and N when counted from the left of N?

Ans
- ✓ 1. 4
- ✗ 2. 2
- ✗ 3. 3
- ✗ 4. 1

Q.71 The average age of 4 people is 52 years. Another group has 6 people with an average age of 58 years. When both groups are combined, what is the average age of all the people?

Ans
- ✗ 1. 54.6 years
- ✓ 2. 55.6 years
- ✗ 3. 54.9 years
- ✗ 4. 54.2 years

Q.72 **Ashoka appointed special officers to spread Dhamma, known as:**

Ans
- ✗ 1. Purohits
- ✗ 2. Mahamatras
- ✗ 3. Rajukas
- ✓ 4. Dhamma Mahamatras

Q.73 **Who among the following was appointed as the Director General of CRPF in January 2025?**

Ans
- ✗ 1. Bahadur Singh Sagoo
- ✗ 2. Sanjiv Ranjan
- ✓ 3. Gyanendra Pratap Singh
- ✗ 4. Manish Singhal

Q.74 **The selling price of 30 books is equal to the cost price of 36 books. Find the loss or gain percentage.**

Ans
- ✗ 1. 20% loss
- ✗ 2. $\frac{50}{3}\%$ gain
- ✗ 3. $\frac{50}{3}\%$ loss
- ✓ 4. 20% gain

Q.75 **On 7 March 2025, Govind Ballabh Pant's death anniversary, tributes were paid for his leadership in India's early post-independence years. Which state did he serve as its first Chief Minister?**

Ans
- ✗ 1. Bihar
- ✓ 2. Uttar Pradesh
- ✗ 3. Madhya Pradesh
- ✗ 4. Uttarakhand

Q.76 **Which of the following statements is/are correct with reference to the Supreme Court judgement delivered in April 2025 in a case involving the use of Urdu on a municipal signboard in Maharashtra?**
The Supreme Court overturned the Bombay High Court's decision that forbade the use of Urdu on municipal signboards.
The Court held that language must reflect the religion of the majority in a particular region.
The bench recognised Urdu as part of India's Ganga-Jamuni tehzeeb and criticised prejudice against languages.

Ans
- ✗ 1. Only 2 and 3
- ✗ 2. Only 1 and 2
- ✗ 3. 1, 2 and 3
- ✓ 4. Only 3

Q.77 **According to the Charter Act of 1853, how many legislative members were there in the Council of the Governor General?**

Ans
- ✗ 1. 14
- ✓ 2. 4
- ✗ 3. 2
- ✗ 4. 12

Q.78 **Which of the following Articles of the Indian Constitution states about the formation of Union Public Service Commission of India?**

Ans
- ✔ 1. Article 315
- ✘ 2. Article 318
- ✘ 3. Article 316
- ✘ 4. Article 317

Q.79 **What was the key purpose of amending the Legal Services Authorities Act in 2002?**

Ans
- ✘ 1. To replace all regular courts with Lok Adalats
- ✔ 2. To establish permanent Lok Adalats for public utility service disputes
- ✘ 3. To allow Lok Adalats to handle criminal cases
- ✘ 4. To merge Lok Adalats with High Courts

Q.80 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:
All chain are bracelet.
All bracelet are ring.
Some ring are tops.

Conclusions:
(I) All chain are ring.
(II) Some tops are chain.

Ans
- ✔ 1. Only conclusion (I) follows
- ✘ 2. Neither conclusion (I) nor (II) follows
- ✘ 3. Both conclusions (I) and (II) follow
- ✘ 4. Only conclusion (II) follows

Q.81 **A total profit of ₹25,300 is to be distributed amongst P, Q, and R such that P : Q = 9 : 7 and Q : R = 3 : 12. The share (in ₹) of R in the profit is:**

Ans
- ✘ 1. 16,150
- ✔ 2. 16,100
- ✘ 3. 16,000
- ✘ 4. 16,050

Q.82 **If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6185742, then what will the sum of the highest and lowest digits in the new number thus formed be?**

Ans
- ✘ 1. 9
- ✔ 2. 8
- ✘ 3. 7
- ✘ 4. 6

Q.83 **Which of the following urban agglomerations has the highest population in India as per Census 2011?**

Ans
- ✘ 1. Delhi
- ✘ 2. Bengaluru
- ✘ 3. Kolkata
- ✔ 4. Mumbai

Q.84 In a certain code language, 'MAZE' is coded as '3647' and 'ZIPS' is coded as '1275'. What is the code for 'Z' in the given code language?

Ans
- ✗ 1. 2
- ✓ 2. 7
- ✗ 3. 1
- ✗ 4. 4

Q.85 In a certain code language, 'VEST' is coded as '3649' and 'SOAP' is coded as '1295'. What is the code for 'S' in the given code language?

Ans
- ✗ 1. 4
- ✗ 2. 2
- ✓ 3. 9
- ✗ 4. 1

Q.86 The area of a rectangle increases by 7 m^2 if its length is increased by 6 m and breadth is decreased by 5 m. If the length is decreased by 6 m and breadth is increased by 7 m, then its area increases by 31 m^2. What is the perimeter of the original rectangle (in m)?

Ans
- ✗ 1. 217
- ✗ 2. 215
- ✗ 3. 216
- ✓ 4. 214

Q.87 Mahesh withdrew ₹3,200 from a bank. He received a total of 33 notes of ₹50 and ₹100 denominations. The number of ₹50 notes received by him was:

Ans
- ✗ 1. 10
- ✗ 2. 9
- ✓ 3. 2
- ✗ 4. 12

Q.88 Which of the following methods is the simplest way to rename a file or folder in Windows?

Ans
- ✗ 1. Double-click the file to open it
- ✗ 2. Press Ctrl + R
- ✓ 3. Right-click the file/folder → Select Rename
- ✗ 4. Drag the file to the Recycle Bin

Q.89 In a certain code language,

A + B means 'A is the son of B',
A – B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E ÷ F − G x H + K'?

Ans
- ✗ 1. Wife's brother
- ✗ 2. Wife's father
- ✓ 3. Son's wife's father
- ✗ 4. Son's wife's brother

Q.90 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LOH 1, JMG 4, HKF 9, FIE 16, ?

Ans

✗ 1. EFD 36

✗ 2. EFG 25

✗ 3. DGD 36

✓ 4. DGD 25

Q.91 The speed of a boat in still water is 12 km/hr and the speed of the stream is 10 km/hr. A man rows to a place at a distance of 24.2 km and comes back to the starting point. Find the total time (in hours) taken by him.

Ans

✗ 1. 5.8

✗ 2. 7.8

✓ 3. 13.2

✗ 4. 4.1

Q.92 An electric pump can fill a tank in 6 hours. Due to a leakage in the tank, it takes $7\frac{1}{3}$ hours to fill the tank. How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

Ans

✗ 1. 28 hours

✗ 2. 16 hours

✗ 3. 22 hours

✓ 4. 33 hours

Q.93 Which major port is NOT located on the western coast of India?

Ans

✗ 1. Cochin

✗ 2. Mangalore

✓ 3. Visakhapatnam

✗ 4. Kandla

Q.94 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ 1. FHC

✓ 2. LNJ

✗ 3. HJE

✗ 4. JLG

Q.95 Find the value of $\frac{3}{\sin^2 A \sec A} \times 3\sqrt{\tan^2 A - \sin^2 A}$.

Ans

✗ 1. 3 sinA

✗ 2. 3

✗ 3. 9 tanA

✓ 4. 9

Q.96 In which of the following locations was the PHDCCI International Week scheduled to be held in March 2025, which is postponed now?

Ans

✓ 1. Greater Noida

✗ 2. New Delhi

✗ 3. Surat

✗ 4. Mumbai

Q.97 **B starts from Point U and drives 5 km towards the South. He then takes a right turn, drives 2 km, turns right and drives 16 km. He then takes a right turn and drives 3 km, turns left and drives 1 km. He then takes a right turn, drives 2 km. He takes a final right turn, drives 12 km and stops at Point X. How far (shortest distance) and towards which direction should he drive in order to reach Point U again? (All turns are 90 degrees turns only unless specified).**

Ans

✗ 1. 3 km towards the East

✓ 2. 3 km towards the West

✗ 3. 5 km towards the South

✗ 4. 7 km towards the North

Q.98 If 66% of a number is equal to $\frac{5}{7}$ of another number, then what is the ratio of the first number to the second number?

Ans

✗ 1. $246 : 229$

✗ 2. $249 : 235$

✓ 3. $250 : 231$

✗ 4. $252 : 233$

Q.99 **Which of the following countries is completely landlocked and shares an open border with India?**

Ans

✗ 1. Bangladesh

✗ 2. Myanmar

✓ 3. Nepal

✗ 4. Afghanistan

Q.100 **Which of the following tennis player captured the 2024 US Open Men's Singles title, marking his second Grand Slam win?**

Ans

✗ 1. Novak Djokovic

✗ 2. Carlos Alcaraz

✓ 3. Jannik Sinner

✗ 4. Daniil Medvedev

Test Date	20/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **According to the Global Risks Perception Survey (GRPS) 2025, what percentage of respondents believe the turbulence outlook over the next 2 years?**

Ans
✗ 1. 55%
✗ 2. 45%
✓ 3. 52%
✗ 4. 41%

Q.2 **Which of the following mountain passes is located in the Pir Panjal range?**

Ans
✗ 1. Shipki La
✗ 2. Nathu La
✓ 3. Banihal Pass
✗ 4. Zoji La

Q.3 **In which year was the provision for the free legal aid to the poor added to the Directive Principles of the State Policy of the Constitution of India?**

Ans
✗ 1. 2002
✗ 2. 2011
✗ 3. 1978
✓ 4. 1976

Q.4 **If 2 is added to each even digit and 2 is added to each odd digit in the number 4713562, what will be the sum of the last two and first two digits in the new number thus formed?**

Ans
✗ 1. 23
✓ 2. 27
✗ 3. 29
✗ 4. 25

Q.5 **Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.**
PNQ : QQO
UQR : VTP

Ans
✓ 1. OHM : PKK
✗ 2. VHQ : WKN
✗ 3. QSX : RUV
✗ 4. UCT : VFS

Q.6 Which positive number should replace both question marks in the following equation?

$$\frac{?}{56} = \frac{504}{?}$$

Ans
- ✗ 1. 183
- ✗ 2. 174
- ✓ 3. 168
- ✗ 4. 184

Q.7 **The shorter side of a rectangle is 21 cm less than the longer side. The numerical value of its area is equal to 5 times the numerical value of its perimeter. What is the length (in cm) of its longer side?**

Ans
- ✗ 1. 32
- ✗ 2. 47
- ✓ 3. 35
- ✗ 4. 38

Q.8 **Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.**

MWC : JYA
KUR : HWP

Ans
- ✗ 1. PAY : MGT
- ✗ 2. WTH : PUR
- ✓ 3. JVP : GXN
- ✗ 4. SLV : QPS

Q.9 **Who won the best actress award (critics) at the South Indian International Movie Awards (SIIMA) 2024?**

Ans
- ✗ 1. Alia Bhatt
- ✗ 2. Shraddha Kapoor
- ✓ 3. Aishwarya Rai Bachhan
- ✗ 4. Deepika Padukone

Q.10 An electric pump can fill a tank in 6 hours. Due to a leakage in the tank, it takes $7\frac{1}{2}$ hours to fill the tank. How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

Ans
- ✗ 1. 39 hours
- ✗ 2. 33 hours
- ✓ 3. 30 hours
- ✗ 4. 44 hours

Q.11 **The Union Council of Ministers in India, as the Chief Executive Organ, implicates which of the following?**

Ans
- ✗ 1. The abolition of the role of the Secretary
- ✗ 2. Ministers leave all work operations to be done by civil servants
- ✓ 3. Each minister is the political head of his/her ministry
- ✗ 4. Centralisation of power in local bodies

Q.12 **A and B complete a work in 15 days. If A alone can do it in 17 days, then B alone can do two-third of the same work in _____ days.**

Ans
- ✓ 1. 85
- ✗ 2. 340
- ✗ 3. 255
- ✗ 4. 170

Q.13 Kalpana and Sudha got 621 and 522 marks, respectively, in the same examination. If Kalpana scored 69% marks, then what is the percentage of marks scored by Sudha?

Ans
- ✔ 1. 58%
- ✘ 2. 59%
- ✘ 3. 60%
- ✘ 4. 55%

Q.14 Where is the headquarters of the National Turmeric Board, which was established in 2025?

Ans
- ✘ 1. Kolkata
- ✘ 2. Kochi
- ✘ 3. Guntur
- ✔ 4. Nizamabad

Q.15 Which body took suo motu cognisance of the news titled 'Experts are alarmed as 350 turtles was ashore dead till January 15', published on 16 January 2025?

Ans
- ✘ 1. High Court of Tamil Nadu
- ✔ 2. National Green Tribunal
- ✘ 3. Supreme Court of India
- ✘ 4. High Court of Odisha

Q.16 Which of the following numbers is divisible by 81?

Ans
- ✔ 1. 5265
- ✘ 2. 5854
- ✘ 3. 4678
- ✘ 4. 5232

Q.17 Which of the following statements about the Supreme Court's writ jurisdiction is correct?

Ans
- ✔ 1. It can only be invoked for enforcement of Fundamental Rights.
- ✘ 2. It allows the Court to issue writs only against the Central Government.
- ✘ 3. It is exclusive and cannot be exercised by the High Courts.
- ✘ 4. It extends to both Fundamental Rights and other legal rights.

Q.18 What role did the 'Dikus' play in igniting early tribal revolts of India?

Ans
- ✔ 1. They were outsiders like landlords, moneylenders and officials exploiting tribal community.
- ✘ 2. They were perceived Gods of the forests.
- ✘ 3. They were tribal priests encouraging the tribal rebellion.
- ✘ 4. They were British officials stationed in tribal areas.

Q.19 What should come in place of the question mark (?) in the given series?

8 13 20 29 40 ?

Ans
- ✘ 1. 65
- ✘ 2. 61
- ✔ 3. 53
- ✘ 4. 57

Q.20 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 & 9 ^ # 1 * 5 ≺ 2 6 ≡ 4 ∆ 3 $ @ 8 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

Ans

✗ 1. Three

✗ 2. One

✓ 3. More than three

✗ 4. Two

Q.21 The selling price of 20 books is equal to the cost price of 6 books. Find the loss or gain percentage.

Ans

✗ 1. 70% gain

✗ 2. $\frac{50}{7}\%$ gain

✗ 3. $\frac{50}{7}\%$ loss

✓ 4. 70% loss

Q.22 Which of the following input devices primarily translates physical, real-world movements into digital signals that can be interpreted by a computer system for tasks such as navigation and object manipulation in a graphical environment?

Ans

✗ 1. Keyboard

✗ 2. Microphone

✓ 3. Mouse

✗ 4. Scanner

Q.23 Five solid cubes, each of volume 1,09,41,048 cm^3, are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

Ans

✓ 1. 5,91,408

✗ 2. 5,91,310

✗ 3. 5,91,663

✗ 4. 5,91,312

Q.24 Find the roots of $x^{-4} - 10x^{-2} + 9 = 0$.

Ans

✗ 1. $\pm 1, \pm \frac{1}{4}$

✗ 2. $\pm 1, \pm \frac{2}{3}$

✗ 3. $\pm 1, \pm \frac{1}{5}$

✓ 4. $\pm 1, \pm \frac{1}{3}$

Q.25 Where did ISRO conduct the hot test of the semi-cryogenic engine in 2025?

Ans

✓ 1. ISRO Propulsion Complex, Mahendragiri, Tamil Nadu

✗ 2. Satish Dhawan Space Centre, Sriharikota, Andhra Pradesh

✗ 3. Liquid Propulsion Systems Centre, Mahendragiri, Tamil Nadu

✗ 4. Vikram Sarabhai Space Centre, Thiruvananthapuram, Kerala

Q.26 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: UEQ :: QAM : %

Ans

✗ 1. # = FMY, % = ISE

✗ 2. # = CMY, % = ISO

✓ 3. # = CMY, % = ISE

✗ 4. # = CMY, % = IUE

Q.27 If $\sqrt{3}\tan A = 3\sin A$, find the value of $\left(2\sqrt{3}\operatorname{cosec} A \times \tan A\right)$.

Ans

✓ 1. 6

✗ 2. $\sqrt{3}$

✗ 3. $2\sqrt{3}$

✗ 4. 2

Q.28 What is the title of Sarojini Naidu's first collection of poems, published in 1905?

Ans

✗ 1. The Captive Lady

✓ 2. The Golden Threshold

✗ 3. Songs of the Dawn

✗ 4. Urvasie

Q.29 The Green Revolution was introduced to counter food shortages. Which region(s) was/were the initial focus of the Green Revolution?

Ans

✗ 1. Tamil Nadu

✓ 2. Punjab and Haryana

✗ 3. Bihar

✗ 4. Odisha and Assam

Q.30 With reference to computer systems, what does CPU stand for?

Ans

✗ 1. Computer Processing Utility

✗ 2. Central Programming Unit

✓ 3. Central Processing Unit

✗ 4. Control Processing Unit

Q.31 A man sold an article at a gain of 57%. If he had sold it for ₹238 more, he would have gained 82%. The cost price (in ₹) of the article is:

Ans

✗ 1. 955

✓ 2. 952

✗ 3. 949

✗ 4. 950

Q.32 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YRU WPS UNQ SLO ?

Ans

✗ 1. QIM

✗ 2. QJN

✓ 3. QJM

✗ 4. QIN

Q.33 What is the total approximate latitudinal extent of India?

Ans
- ✗ 1. 35°
- ✗ 2. 40°
- ✓ 3. 30°
- ✗ 4. 25°

Q.34 Which of the following was formed in 1600 through a charter that granted it the exclusive privilege of trading with the area east of the Cape of Good Hope for 15 years?

Ans
- ✗ 1. Austrian East India Company
- ✗ 2. Spanish East India Company
- ✓ 3. English East India Company
- ✗ 4. Danish East India Company

Q.35 In January 2025, Wing Commander Akshay Saxena received the Vayu Sena Medal for his role in anti-piracy operations conducted in which of the following regions?

Ans
- ✗ 1. Bay of Bengal
- ✗ 2. Andaman Sea
- ✓ 3. Arabian Sea
- ✗ 4. Gulf of Thailand

Q.36 Which of the following is NOT a part of Carnatic style composition?

Ans
- ✗ 1. Varnam
- ✓ 2. Chaturang
- ✗ 3. Pallavi
- ✗ 4. Ragmalika

Q.37 Evaluate: 81 × 112

Ans
- ✓ 1. 9072
- ✗ 2. 9062
- ✗ 3. 9082
- ✗ 4. 9172

Q.38 _____ was crowned the Ranji Trophy champion for the 2024-25 season.

Ans
- ✓ 1. Vidarbha
- ✗ 2. Tamil Nadu
- ✗ 3. Kerala
- ✗ 4. Mumbai

Q.39 Mahesh withdrew ₹3,100 from a bank. He received a total of 34 notes of ₹50 and ₹100 denominations. The number of ₹50 notes received by him was:

Ans
- ✓ 1. 6
- ✗ 2. 16
- ✗ 3. 13
- ✗ 4. 4

Q.40 Which Article of the Constitution of India mentions the Fundamental Duty of safeguarding public property and abjuring violence?

Ans
- ✗ 1. Article 51A (j)
- ✗ 2. Article 51A (k)
- ✗ 3. Article 51A (h)
- ✓ 4. Article 51A (i)

Q.41 The mean of a data is 42 and its median is 53. The mode (using empirical relation) of the data is:

Ans
- ✗ 1. 169
- ✓ 2. 75
- ✗ 3. 24
- ✗ 4. 100

Q.42 What is the median of the following data?

19, 98, 77, 24, 99, 71, 70, 56, 80, 12, 88

Ans
- ✓ 1. 71
- ✗ 2. 70.5
- ✗ 3. 72
- ✗ 4. 71.5

Q.43 What makes DNA the most abundant genetic material?

Ans
- ✗ 1. Its high mutation rate
- ✓ 2. Its stable double-helical structure
- ✗ 3. Its enzymatic roles
- ✗ 4. Its interaction with proteins

Q.44 What is the function of the keyboard shortcut Ctrl + F in Windows OS?

Ans
- ✗ 1. It forwards an email message to another recipient.
- ✗ 2. It checks and corrects spelling errors in text.
- ✗ 3. It formats content in a document or application.
- ✓ 4. It opens a search or find feature to locate text or items in files, webpages or applications.

Q.45 The product of two numbers x and y is 45 and their sum is 14. Find the sum of their cubes.

Ans
- ✗ 1. 675
- ✗ 2. 586
- ✓ 3. 854
- ✗ 4. 759

Q.46 A boat takes 39 minutes to go 27.9 km upstream. The ratio of the speed of the boat in still water to that of the stream is 9 : 4. How much total time (in hours) will the boat take to go 18.9 km upstream and 51.3 km downstream?

Ans
- ✗ 1. 4.3
- ✓ 2. 0.9
- ✗ 3. 2.6
- ✗ 4. 1.9

Q.47 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. RV – XE
- ✓ 2. DH – IQ
- ✗ 3. NR – TA
- ✗ 4. XB – DK

Q.48 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	$	%	&	*	2	4	6	@	#	3	+	8	9	7
Code	T	U	P	S	D	F	J	K	Z	C	V	B	N	M

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect cubes, the third element is to be coded as the code for the second element.
What will be the code for the following group?

3 9 8 *

Ans
✗ 1. CNNS
✓ 2. CNBS
✗ 3. SNBC
✗ 4. CBBS

Q.49 The McMahon Line separates India from which country?

Ans
✓ 1. China
✗ 2. Nepal
✗ 3. Pakistan
✗ 4. Bhutan

Q.50 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(19, 39, 44)
(13, 27, 32)

Ans
✗ 1. (29, 49, 54)
✗ 2. (24, 45, 50)
✓ 3. (11, 23, 28)
✗ 4. (35, 61, 66)

Q.51 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. D lives on an odd numbered floor but not 5. The sum of floors on which D and A live is 5. Only 3 people live between A and F. B lives immediately above E. How many people live above B?

Ans
✗ 1. 3
✗ 2. 4
✗ 3. 2
✓ 4. 1

Q.52 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All curtain are screen.
All curtain are blinder.
Some blinder are drape.

Conclusions:
(I) Some drape are curtain.
(II) Some blinder are screen.

Ans
✗ 1. Neither conclusion (I) nor (II) follows
✗ 2. Both conclusions (I) and (II) follow
✗ 3. Only conclusion (I) follows
✓ 4. Only conclusion (II) follows

Q.53 If the average of 6 consecutive odd numbers is 30, the difference between the largest and the smallest numbers is:

Ans
✗ 1. 15
✗ 2. 16
✓ 3. 10
✗ 4. 18

Q.54 A bag contains 50 Paisa, 25 Paisa and 10 Paisa coins in the ratio 16 : 8 : 20, amounting to ₹384. Find the number of 10 Paisa coins.

Ans
✗ 1. 660
✗ 2. 668
✓ 3. 640
✗ 4. 696

Q.55 What should come in place of the question mark (?) in the given series?

1012 1010 1000 998 988 ? 976

Ans
✗ 1. 985
✗ 2. 988
✗ 3. 987
✓ 4. 986

Q.56 Which of the following tribal uprisings did NOT take place in the 20th century?

Ans
✓ 1. Lushai Uprising
✗ 2. Naga Revolt
✗ 3. Kuki Uprising
✗ 4. Bastar Rebellion

Q.57 This question is based on the five, three-digit numbers given below.
(Left) 983 986 481 941 167 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans
✗ 1. −4
✗ 2. −2
✓ 3. −5
✗ 4. −3

Q.58 In ΔABC, $DE \parallel AC$, where D and E are the points on sides AB and BC, respectively. If $BD = 12$ cm and $AD = 11$ cm, then what is the ratio of the area of ΔBDE to that of the trapezium ADEC?

Ans
- ✗ 1. 623 : 199
- ✗ 2. 385 : 144
- ✗ 3. 390 : 413
- ✓ 4. 144 : 385

Q.59 **This question is based on the five, three-digit numbers given below.**
(Left) 951 474 717 497 127 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

Ans
- ✗ 1. −4
- ✗ 2. −3
- ✓ 3. −2
- ✗ 4. −1

Q.60 **If a sum of ₹6,70,000 is invested for a year at 2% per annum compounded half yearly, then find the compound interest.**

Ans
- ✗ 1. ₹12,805
- ✓ 2. ₹13,467
- ✗ 3. ₹11,545
- ✗ 4. ₹13,630

Q.61 **If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 9368547, what will be the sum of the digits which are third from the left and third from the right in the new number thus formed?**

Ans
- ✗ 1. 8
- ✓ 2. 10
- ✗ 3. 14
- ✗ 4. 12

Q.62 **In a certain code language, 'FIGS' is coded as '3648' and 'ICED' is coded as '1285'. What is the code for 'I' in the given code language?**

Ans
- ✗ 1. 1
- ✓ 2. 8
- ✗ 3. 6
- ✗ 4. 5

Q.63 **Which of the following Articles of the Indian Constitution states about the establishment of Election Commission in India?**

Ans
- ✗ 1. Article 325
- ✓ 2. Article 324
- ✗ 3. Article 327
- ✗ 4. Article 326

Q.64 Mr. KLM starts from Point A and drives 21 km towards the south. He then takes a left turn, drives 7 km, turns left and drives 26 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

Ans
- ✔ 1. 4 km to the east
- ✘ 2. 3 km to the west
- ✘ 3. 7 km to the east
- ✘ 4. 5 km to the west

Q.65 What is the primary advantage of using 'Section Breaks' in an MS Word document compared to simply using 'Page Breaks'?

Ans
- ✘ 1. Section breaks automatically create a table of contents based on the headings within each section, a feature not available with standard page breaks.
- ✔ 2. Section breaks allow for different page numbering schemes, headers, and footers within the same document, while page breaks only force content to the next page.
- ✘ 3. Section breaks are primarily used to optimise the document for printing on different paper sizes, which is not possible with page breaks.
- ✘ 4. Section breaks improve the document's file size and performance, especially in long documents with numerous formatting changes.

Q.66 Which country reported its first-ever presumptive human case of H5 bird flu in November 2024?

Ans
- ✘ 1. Australia
- ✘ 2. United Kingdom
- ✘ 3. United States
- ✔ 4. Canada

Q.67 The average of 10 observations is 40. It was realised later that an observation was misread as 32 in place of 43. Find the correct average.

Ans
- ✘ 1. 44.1
- ✔ 2. 41.1
- ✘ 3. 42.1
- ✘ 4. 40.1

Q.68 As per the Union Budget 2025-26, a Maritime Development Fund with corpus of how much will be established?

Ans
- ✘ 1. ₹10,000 crore
- ✘ 2. ₹15,000 crore
- ✔ 3. ₹25,000 crore
- ✘ 4. ₹20,000 crore

Q.69 If $a + b = 24$ and $(a - b)^2 = 268$, find the value of product of a and b.

Ans
- ✔ 1. 77
- ✘ 2. 110
- ✘ 3. 68
- ✘ 4. 140

Q.70 Consider the following statements regarding the MEDEVAC operation conducted by Indian maritime forces in March 2025.

1. The Indian Navy evacuated injured crew members from MV Heilan Star, located in west of Goa.
2. A Sea King helicopter from INS Vikrant airlifted three injured crew members, including two Chinese and one Indonesian national.
3. The Indian Navy and Indian Air Force jointly coordinated the operation.
4. The rescued crew were flown to INS Hansa, Goa, for onward transfer to a civil hospital.

Which of the above statements are correct?

Ans
- ✗ 1. Only 2 and 4
- ✗ 2. Only 1, 2 and 3
- ✓ 3. Only 1, 2 and 4
- ✗ 4. Only 1 and 3

Q.71 If a : b :: b : c; c = 4a and b = 18, find the positive value of c.

Ans
- ✓ 1. 36
- ✗ 2. 34
- ✗ 3. 38
- ✗ 4. 31

Q.72 Which of the following operating systems is most suitable for ethical hacking and cybersecurity tasks on laptops and desktops due to its pre-installed penetration testing tools?

Ans
- ✓ 1. Kali Linux
- ✗ 2. Ubuntu LTS
- ✗ 3. Windows 10
- ✗ 4. macOS Ventura

Q.73 Find the simple interest (in closest integral ₹) on ₹3,000 at 6% per annum rate of interest for the period from 9 February 2024 to 10 April 2024.

Ans
- ✗ 1. 29
- ✗ 2. 28
- ✓ 3. 30
- ✗ 4. 31

Q.74 The present cost of a house is ₹1,23,016. After a year, its cost will increase to ₹1,40,203. The percentage increase (rounded off to the nearest integer) in the cost of the house is:

Ans
- ✗ 1. 10%
- ✓ 2. 14%
- ✗ 3. 8%
- ✗ 4. 17%

Q.75 What percentage of households were classified as the poorest of the poor, as per SECC-2011?

Ans
- ✓ 1. 0.89%
- ✗ 2. 0.79%
- ✗ 3. 0.59%
- ✗ 4. 1%

Q.76 In February 2025, the Indian government announced a six-year program to boost the production of which agricultural commodity to reduce import dependence?

Ans
- ✗ 1. Rice
- ✗ 2. Wheat
- ✓ 3. Pulses
- ✗ 4. Sugar

Q.77 What was a unique feature of Harappan town planning?

Ans
- ✗ 1. Underground temples
- ✗ 2. Circular forts
- ✗ 3. Irregular housing layout
- ✓ 4. Grid pattern streets

Q.78 B is the father of C. Q is the sister of C. T is the only sister of Q. T is the child of S. M is the son of S's only son.

How is S related to B?

Ans
- ✗ 1. Father's sister
- ✓ 2. Wife
- ✗ 3. Father's brother
- ✗ 4. Wife's mother

Q.79 Mr. I starts from Point M and drives 1 km towards the south. He then takes a right turn, drives 3 km, turns left and drives 3 km. He then takes a left turn and drives 4 km. He takes a final left turn, drives 4 km and stops at Point N. How far (shortest distance) and towards which direction should he drive in order to reach Point M again? (All turns are 90-degree turns only unless specified.)

Ans
- ✓ 1. 1 km towards the west
- ✗ 2. 2 km towards the south
- ✗ 3. 4 km towards the east
- ✗ 4. 4 km towards the north

Q.80 Seven boxes D, E, F, G, S, T and U are kept one over the other but not necessarily in the same order. Only four boxes are kept between E and D. Only F is kept above E. Only two boxes are kept between T and U. G is kept immediately above S. U is not kept immediately above G. Which box is kept fourth from the top?

Ans
- ✗ 1. F
- ✓ 2. G
- ✗ 3. D
- ✗ 4. T

Q.81 Vinod ranked 36^{th} from the top and 18^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 54
- ✓ 2. 53
- ✗ 3. 51
- ✗ 4. 52

Q.82 Seven people, D, E, F, G, L, M and N, are sitting in a row, facing north. Only M sits to the left of N. Only four people sit between M and L. Only F sits between G and D, and G is not an immediate neighbour of L. Who sits at the extreme right of the line?

Ans
- ✗ 1. N
- ✗ 2. D
- ✓ 3. E
- ✗ 4. G

Q.83 **Dholavira is unique for which of the following?**

Ans

✗ 1. Scripted seals

✓ 2. Water conservation systems

✗ 3. Use of palm leaves

✗ 4. Rock-cut architecture

Q.84 **Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.**
ENU FLS GJQ ? IFM

Ans

✓ 1. HHO

✗ 2. HOP

✗ 3. HIO

✗ 4. HIP

Q.85 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✓ 1. WQNJ

✗ 2. KEBW

✗ 3. QKHC

✗ 4. FZWR

Q.86 **Which of the following countries DOES NOT share a land boundary with India?**

Ans

✗ 1. Bhutan

✗ 2. Afghanistan

✓ 3. Sri Lanka

✗ 4. Myanmar

Q.87 **Seven friends, I, J, K, L, M, N and R, are sitting in a row facing north. No one sits to the right of M. Only three people sit between M and R. Only two people sit between R and L. K sits third to the left of I. J sits to the immediate right of I. How many people sit between N and L?**

Ans

✗ 1. Two

✗ 2. One

✗ 3. Four

✓ 4. Three

Q.88 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	5	$	7	2	%	*	3	^	#	9	+
Code	A	F	L	B	G	M	C	H	N	D	J

Conditions:

i) If the first element is a number and the last a symbol, then the codes for these two (the first and the last elements) are to be interchanged.
ii) If the first and the last elements are odd numbers, then the first and last elements are to be coded as @.
iii) If both the second and third elements are perfect square roots, then the third element is to be coded as the code for the second element.

What will be the code for 5#64%?

Ans
✗ 1. ANPKG
✗ 2. AKPNG
✓ 3. GNPKA
✗ 4. GKPNA

Q.89 Which is the largest saline wetland in India?

Ans
✗ 1. Chilika Lake
✗ 2. Pulicat Lake
✓ 3. Sambhar Lake
✗ 4. Wular Lake

Q.90 The successive discounts of 28%, 20% and 10% are equivalent to a single discount of:

Ans
✗ 1. 50.59%
✓ 2. 48.16%
✗ 3. 46.1%
✗ 4. 46.69%

Q.91 What is the IMF's projected US GDP growth rate for 2025, as per the April 2025 forecast?

Ans
✗ 1. 3.7%
✗ 2. 2.5%
✗ 3. 3.4%
✓ 4. 1.8%

Q.92 According to the Economic survey 2024-25, what is the value of India's foreign exchange reserves, as of the end of December 2024?

Ans
✗ 1. $330.3 billion
✗ 2. $520.5 billion
✗ 3. $440.8 billion
✓ 4. $640.3 billion

Q.93 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 1865374, which of the following digits will be third from the left in the new number thus formed?

Ans
✗ 1. 7
✗ 2. 3
✓ 3. 5
✗ 4. 2

Q.94 Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?
: DZT :: QMG : %

Ans
- ✗ 1. # = OYV, % = PYT
- ✓ 2. # = YUO, % = VRL
- ✗ 3. # = YPG, % = KUL
- ✗ 4. # = ZTY, % = VMH

Q.95 Which of the following statements is NOT correct with reference to the modern periodic table?

Ans
- ✓ 1. The first period contains 8 elements.
- ✗ 2. Groups are the vertical columns, and periods are horizontal rows.
- ✗ 3. Lanthanoids and actinoids are placed in separate panels at the bottom.
- ✗ 4. The second and third periods each contain 8 elements.

Q.96 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1862547, then what will the difference between the highest and lowest digits in the new number thus formed be?

Ans
- ✗ 1. 7
- ✓ 2. 8
- ✗ 3. 9
- ✗ 4. 6

Q.97 A woman travelled at a speed of 20 m/min for 80 min, and at a speed of 65 m/min for 64 min. Her average speed (in m/min) is:

Ans
- ✓ 1. 40
- ✗ 2. 44
- ✗ 3. 46
- ✗ 4. 33

Q.98 The diagonals of a quadrilateral are perpendicular bisectors of each other. If the length of one diagonal is 3 cm and the area of the quadrilateral is 180 cm^2, find the length (in cm) of the other diagonal.

Ans
- ✗ 1. 128
- ✓ 2. 120
- ✗ 3. 115
- ✗ 4. 112

Q.99 In finding the HCF of two numbers by division method, the quotients are 4, 5, and 9, respectively, and the last divisor is 18. What is the LCM of the two numbers?

Ans
- ✗ 1. 159806
- ✗ 2. 159807
- ✓ 3. 159804
- ✗ 4. 159803

Q.100 Who discovered the antibacterial properties of a Penicillium fungus in 1929?

Ans
- ✗ 1. Antonie van Leeuwenhoek
- ✗ 2. Paul Ehrlich
- ✗ 3. Marie Curie
- ✓ 4. Alexander Fleming

Test Date	20/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **In January 2025, which veteran filmmaker received the Padmapani Lifetime Achievement Award for Indian cinema?**

Ans
✗ 1. Shyam Benegal
✓ 2. Sai Paranjpye
✗ 3. Vishal Bhardwaj
✗ 4. Mira Nair

Q.2 **Anand purchased an item and incurred ₹169 in repair expenses. Subsequently, he sold it to Bharath with a 25% profit. Eventually, Bharath sold the item for ₹4,480, making a 44% loss. What was the original cost (in ₹) of the item for Anand?**

Ans
✗ 1. 6,397
✓ 2. 6,231
✗ 3. 6,400
✗ 4. 6,403

Q.3 **In which year was English education formally introduced in India by the British?**

Ans
✗ 1. 1813
✓ 2. 1835
✗ 3. 1854
✗ 4. 1829

Q.4 **Who won the Album of the Year at the 67th Annual Grammy Awards in 2025?**

Ans
✗ 1. Billie Eilish – *Hit Me Hard and Soft*
✓ 2. Beyoncé – *Cowboy Carter*
✗ 3. Taylor Swift – *The Tortured Poets Department*
✗ 4. Sabrina Carpenter – *Short n' Sweet*

Q.5 **The average of five numbers is 56. Four of the numbers are 35, 42, 32, and 26. What is the fifth number?**

Ans
✓ 1. 145
✗ 2. 135
✗ 3. 68
✗ 4. 55

Q.6 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
AJK : BEG
JIL : KDH

Ans
✗ 1. RLO : SIK
✗ 2. BKK : CFH
✗ 3. OHF : PCC
✓ 4. KKQ : LFM

Q.7 Privatisation involves transferring the ownership of enterprises from the public to the private sector. What is the primary goal of privatisation?

Ans
✗ 1. Increase monopoly power
✓ 2. Improve efficiency and reduce government burden
✗ 3. Increase fiscal deficit
✗ 4. Enhance public employment

Q.8 Which body was established to control all matters of civil and military government of British territories in India?

Ans
✗ 1. Board of Legislature
✓ 2. Board of Control
✗ 3. Board of Executives
✗ 4. Board of Directors

Q.9 If the median of a data is 20.8 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula)

Ans
✗ 1. 6.32
✗ 2. 13.72
✗ 3. 12.43
✓ 4. 10.4

Q.10 Refer to the number and symbol series given below and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) £ € # 9 4 9 $ € * 9 @ * 6 6 5 © 5 6 3 8 7 6 (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a number?

Ans
✗ 1. 7
✗ 2. 5
✗ 3. 8
✓ 4. 6

Q.11 The length and breadth of a cuboid are 70 cm and 96 cm, respectively. If its surface area is 1488 cm^2, then what is the length (in cm) of its diagonal?

Ans
✗ 1. $\sqrt{15402}$
✗ 2. $\sqrt{15420}$
✗ 3. $\sqrt{15408}$
✓ 4. $\sqrt{15412}$

Q.12 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 26347591, what will be the sum of the second digit from left and third digit from right in the new number thus formed?

Ans
✗ 1. 14
✗ 2. 10
✗ 3. 8
✓ 4. 12

Q.13 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1847653, what will be the sum of the highest and lowest digits in the number thus formed?

Ans
✗ 1. 11
✗ 2. 14
✗ 3. 12
✓ 4. 10

Q.14 This question is based on the five, three-digit numbers given below.
(Left) 657 435 578 659 619 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

Ans
✓ 1. 10
✗ 2. 11
✗ 3. 12
✗ 4. 9

Q.15 An article is sold for ₹x. If it is sold at 40% of this price, there is a loss of 50%. What is the percentage profit when it is sold for ₹x?

Ans
✓ 1. 25%
✗ 2. 22%
✗ 3. 28%
✗ 4. 27%

Q.16 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ 1. SXBE
✗ 2. BGKN
✓ 3. FYUB
✗ 4. FKOR

Q.17 If $a + b = 32$ and $(a - b)^2 = 372$, find the value of product of a and b.

Ans
✗ 1. 145
✓ 2. 163
✗ 3. 161
✗ 4. 261

Q.18 P is any point inside the rectangle ABCD. If PA = 94 cm, PB = 61 cm and PC = 67 cm, then the length of PD (in cm) is:

Ans
- ✗ 1. 95
- ✗ 2. 96
- ✓ 3. 98
- ✗ 4. 102

Q.19 At what rate (in percentage) per annum simple interest will a sum of money triple itself in 8 years?

Ans
- ✗ 1. 24
- ✗ 2. 37.5
- ✓ 3. 25
- ✗ 4. 36.5

Q.20 Reena, Naveen and Arpita started a business in partnership, investing in the ratio of 5 : 6 : 13, respectively. At the end of the year, they earned a profit of ₹36,400, which is 14% of their total investment. How much did Naveen invest (in ₹)?

Ans
- ✓ 1. ₹65,000
- ✗ 2. ₹65,105
- ✗ 3. ₹64,769
- ✗ 4. ₹64,818

Q.21 The population of a town in the year 1956 was 2,07,300. If its population increased in two successive decades by 20% in each decade, the population of the town in the year 1976 was:

Ans
- ✗ 1. 2,98,513
- ✓ 2. 2,98,512
- ✗ 3. 2,98,511
- ✗ 4. 2,98,507

Q.22 Which component of Windows OS allows users to modify system settings such as display resolution, sound preferences and user accounts?

Ans
- ✗ 1. Command Prompt
- ✗ 2. Task Manager
- ✓ 3. Control Panel
- ✗ 4. File Explorer

Q.23 Nagara Uprising, a significant peasant rebellion that occurred in the Nagar province (present-day Shivamogga district) of the Mysore Kingdom, took place in:

Ans
- ✗ 1. 1710-11
- ✗ 2. 1798-99
- ✗ 3. 1856-57
- ✓ 4. 1830-31

Q.24 Which keyboard shortcut is used to save an MS PowerPoint presentation quickly?

Ans
- ✓ 1. Ctrl + S
- ✗ 2. Ctrl + N
- ✗ 3. Ctrl + O
- ✗ 4. Ctrl + P

Q.25 Seven friends, E, F, G, H, I, J and Q, are sitting in a row facing north. Only three people sit to the left of Q. Only H sits to the right of E. Only three people sit between E and J. I sits at some place to the left of F but at some place to the right of G. How many people sit between G and F?

Ans
- ✗ 1. Two
- ✓ 2. Three
- ✗ 3. Four
- ✗ 4. One

Q.26 The simplified value of 285 - 6 × (23 + 19) + 83 is:

Ans
- ✗ 1. 110
- ✗ 2. 106
- ✗ 3. 107
- ✓ 4. 116

Q.27 In November 2024, which Indian state conducted an Olympic-style school sports event with participation from Gulf-based Indian schools?

Ans
- ✗ 1. Tamil Nadu
- ✗ 2. Delhi
- ✗ 3. Maharashtra
- ✓ 4. Kerala

Q.28 What is one of the key advantages of the parliamentary system in ensuring smooth governance?

Ans
- ✗ 1. The executive has absolute power over the legislature.
- ✗ 2. The judiciary controls both the legislature and the executive.
- ✗ 3. The Prime Minister can dissolve the legislature at will.
- ✓ 4. It ensures harmony and cooperation between the legislature and the executive.

Q.29 Find the greatest number by which when the numbers 247 and 189 are divided, it leaves remainders 3 and 6, respectively.

Ans
- ✗ 1. 62
- ✗ 2. 63
- ✓ 3. 61
- ✗ 4. 64

Q.30 Two taps can fill a cistern in 3 hours and 36 hours, respectively. A third tap can empty it in 4 hours. How long (in hours) will it take to fill two-third of the empty cistern, if all of them are opened together?

Ans
- ✗ 1. 24
- ✗ 2. 18
- ✓ 3. 6
- ✗ 4. 12

Q.31 In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number pair in which the numbers are related in the same way as are the numbers of the following pairs.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
78, 91
94, 107

Ans
✗ 1. 82, 105
✓ 2. 86, 99
✗ 3. 71, 74
✗ 4. 99, 114

Q.32 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: OWF :: VDM : %

Ans
✗ 1. # = TBK, % = QYU
✗ 2. # = TBM, % = QYH
✓ 3. # = TBK, % = QYH
✗ 4. # = TYK, % = QYH

Q.33 A right circular cone is 6.7 cm high, and the radius of its base is 17.6 cm. It is melted and recast into a new right circular cone with a base radius of 8.8 cm. Find the height (in cm) of the new cone.

Ans
✗ 1. 34.5
✗ 2. 25.5
✗ 3. 37.5
✓ 4. 26.8

Q.34 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1385724, then how many digits will appear more than once in the new number thus formed?

Ans
✗ 1. 0
✓ 2. 2
✗ 3. 3
✗ 4. 1

Q.35 The Planning Commission used a technique called 'perspective planning' for formulating five year plans in India. Which of the following best describes 'perspective planning'?

Ans
✓ 1. Long-term strategic planning
✗ 2. Tactical planning for one year
✗ 3. Planning without time limits
✗ 4. Crisis management planning

Q.36 Where was the ISSF World Cup 2025 held, where Rudrankksh Patil and Arya Borse won silver in the 10 m Air Rifle Mixed Team event?

Ans
✗ 1. New Delhi, India
✓ 2. Lima, Peru
✗ 3. Cairo, Egypt
✗ 4. Munich, Germany

Q.37 The coordination number of atoms in a body-centered cubic (BCC) lattice is:

Ans
- ✔ 1. 8
- ✘ 2. 6
- ✘ 3. 4
- ✘ 4. 12

Q.38 N is the brother of E. E is the husband of P. L and G are sons of P. How is N related to G?

Ans
- ✘ 1. Husband's brother
- ✘ 2. Father
- ✔ 3. Father's brother
- ✘ 4. Father's father

Q.39 Which of the following statements regarding the 2024 Jharkhand Assembly elections is/are INCORRECT?

1. The Indian National Congress won more than 15 seats.
2. The Jharkhand Mukti Morcha won the highest vote share.
3. Rashtriya Janata Dal won 4 seats in the Assembly.

Ans
- ✘ 1. Only 3
- ✔ 2. Only 1 and 2
- ✘ 3. 1, 2 and 3
- ✘ 4. Only 2

Q.40 One-third of a journey is covered at a speed of 67 km/hr, the next one-third of the journey is covered at a speed of 66 km/hr, and the remaining journey is covered at a speed of 17 km/hr. The average speed (in km/hr, rounded off to one decimal place) for the entire journey is:

Ans
- ✘ 1. 43.7
- ✘ 2. 28.6
- ✔ 3. 33.7
- ✘ 4. 29.6

Q.41 'Reward for loyalty' as a factor for ministerial selection in India refers to:

Ans
- ✘ 1. ensuring each geographic region gets equal representation
- ✘ 2. verifying the educational background of candidates
- ✘ 3. granting monetary rewards to ministers
- ✔ 4. recognising and rewarding longstanding support

Q.42 Which state has the longest coastline in India, excluding islands?

Ans
- ✘ 1. Tamil Nadu
- ✔ 2. Gujarat
- ✘ 3. Maharashtra
- ✘ 4. Andhra Pradesh

Q.43 Find the area of the sector of a circle with diameter 14 cm, if the arc of the sector makes an angle of 120° at the centre of the circle. (Use $\pi = \frac{22}{7}$)

Ans
- ✔ 1. $51\frac{1}{3}\text{ cm}^2$
- ✘ 2. $51\frac{1}{2}\text{ cm}^2$
- ✘ 3. 150 cm^2
- ✘ 4. 154 cm^2

Q.44 What should come in place of the question mark (?) in the given series?

413, 390, 357, ?, 261, 198

Ans
- ✗ 1. 344
- ✗ 2. 324
- ✗ 3. 334
- ✓ 4. 314

Q.45 Which Union Territory of India has the longest coastline as per the 2022-23 Annual Report of the Ministry of Home Affairs?

Ans
- ✗ 1. Daman and Diu
- ✗ 2. Puducherry
- ✗ 3. Lakshadweep
- ✓ 4. Andaman and Nicobar Islands

Q.46 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KO29 JN41 IM53 HL65 ?

Ans
- ✓ 1. GK77
- ✗ 2. GL78
- ✗ 3. GK78
- ✗ 4. GL77

Q.47 The 9th Amendment Act, 1960, was enacted to give effect to which of the following agreements?

Ans
- ✓ 1. Indo-Pak Agreement, 1958
- ✗ 2. Shimla Agreement, 1972
- ✗ 3. Tashkent Agreement, 1966
- ✗ 4. Lahore Declaration, 1999

Q.48 What is the theme of the 2025 G20 Johannesburg Summit?

Ans
- ✗ 1. Climate Action Now
- ✓ 2. Solidarity, Equality, Sustainability
- ✗ 3. Digital Transformation
- ✗ 4. Global Economic Recovery

Q.49 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. WE – CJ
- ✗ 2. FN – LS
- ✓ 3. CK – JP
- ✗ 4. JR – PW

Q.50 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 1 5 & 3 * $ 4 @ % 2 7 # 9 ^ # ⩾ 6 8 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

Ans
- ✗ 1. One
- ✓ 2. Two
- ✗ 3. None
- ✗ 4. Three

Q.51 The Harsha inscription of 554 CE mentions the rise of Yajnavarman from which place?

Ans
- ✗ 1. Kannouj
- ✗ 2. Magadha
- ✓ 3. Gaya
- ✗ 4. Thanesar

Q.52 If a sum of ₹9,10,000 is invested for a year at 2% per annum compounded half yearly, then find the compound interest.

Ans
- ✓ 1. ₹18,291
- ✗ 2. ₹20,081
- ✗ 3. ₹17,125
- ✗ 4. ₹18,828

Q.53 Which type of cell reference in MS Excel modifies both, the column letter and row number automatically when a formula is copied to another location?

Ans
- ✗ 1. Mixed Reference
- ✗ 2. Static Reference
- ✗ 3. Absolute Reference
- ✓ 4. Relative Reference

Q.54 Which prominent Indian leader led the Bardoli Satyagraha of 1928, a major civil disobedience movement against increased land taxes?

Ans
- ✗ 1. Jawaharlal Nehru
- ✗ 2. Mahatma Gandhi
- ✗ 3. Bal Gangadhar Tilak
- ✓ 4. Vallabhbhai Patel

Q.55 The Indian government is set to implement the 'One State, One RRB' (Regional Rural Bank) policy to improve operational efficiency, reduce competition and consolidate the existing 43 RRBs into _____.

Ans
- ✗ 1. 26
- ✗ 2. 29
- ✓ 3. 28
- ✗ 4. 27

Q.56 What is the unit of measurement for frequency?

Ans
- ✓ 1. Hertz (Hz)
- ✗ 2. Joule
- ✗ 3. Pascal
- ✗ 4. Millisecond

Q.57 What specific provision concerning the President of India is outlined in Article 59(3) of the Constitution of India?

Ans
- ✗ 1. Powers of the President
- ✗ 2. Election of the President
- ✗ 3. Impeachment of the President
- ✓ 4. Salary and privileges of the President

Q.58 The mode of the observations 21, 27, 25, 31, 21, 35, 23, 25, 32, 27, 21, 29, 32, 29 and 31 is:

Ans
- ✗ 1. 27
- ✗ 2. 31
- ✗ 3. 25
- ✓ 4. 21

Q.59 In February 2025, India's External Affairs Minister and envoys from 61 countries visited which national park to experience its rich biodiversity and the iconic one-horned rhinos?

Ans
- ✗ 1. Periyar National Park
- ✗ 2. Jim Corbett National Park
- ✗ 3. Sundarbans National Park
- ✓ 4. Kaziranga National Park

Q.60 Which of the following numbers is divisible by 11?

Ans
- ✗ 1. 2118
- ✗ 2. 1440
- ✗ 3. 2652
- ✓ 4. 1749

Q.61 Find the possible value of x.

$x^4 - 17x^2 + 60 = 0$

Ans
- ✗ 1. $-\sqrt{6}$
- ✗ 2. $-\sqrt{2}$
- ✗ 3. $-\sqrt{3}$
- ✓ 4. $-\sqrt{12}$

Q.62 Mr. OPQ starts from Point A and drives 31 km towards the north. He then takes a left turn, drives 11 km, turns left and drives 51 km. He then takes a left turn and drives 16 km. He takes a final left turn, drives 20 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

Ans
- ✓ 1. 5 km to the west
- ✗ 2. 3 km to the south
- ✗ 3. 9 km to the east
- ✗ 4. 4 km to the north

Q.63 There are two sections A and B of a class, consisting of 22 and 44 students, respectively. If the average weight of section A is 40 kg and that of section B is 37 kg, find the average weight of the whole class (in kg).

Ans
- ✗ 1. 37.5
- ✓ 2. 38
- ✗ 3. 38.5
- ✗ 4. 39

Q.64 SGUL is related to XLZQ in a certain way based on the English alphabetical order. In the same way, MAOF is related to RFTK. To which of the following options is BPDU related, following the same logic?

Ans
- ✗ 1. GZIU
- ✗ 2. GZUI
- ✓ 3. GUIZ
- ✗ 4. GUZI

Q.65 Which Indian state was named the "Go-To Global Destination for 2025" by the Wall Street Journal, highlighting its rich heritage and diverse wildlife?

Ans
- ✗ 1. Rajasthan
- ✓ 2. Madhya Pradesh
- ✗ 3. Kerala
- ✗ 4. Odisha

Q.66 A woman travelled at a speed of 20 m/min for 80 min, and at a speed of 65 m/min for 70 min. Her average speed (in m/min) is:

Ans
- ✗ 1. 47
- ✗ 2. 45
- ✓ 3. 41
- ✗ 4. 34

Q.67 What was the Revised Estimate (RE) for the Department of Rural Development for the financial year 2024-25, as per the Annual Report 2024-25, published by Ministry of Rural Development, Government of India?

Ans
- ✓ 1. ₹173,912.11 crore
- ✗ 2. ₹180,878.11 crore
- ✗ 3. ₹160,069.46 crore
- ✗ 4. ₹155,964.23 crore

Q.68 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.
P has the exam on Tuesday. Only two people have exams after R. S has the exam immediately before Q but after R. U has the exam immediately after V.

How many people have exams between T and S?

Ans
- ✗ 1. One
- ✗ 2. Three
- ✓ 3. Four
- ✗ 4. Two

Q.69 The successive discounts of 24%, 18% and 20% are equivalent to a single discount of: (Rounded up to two decimal places.)

Ans
- ✗ 1. 51.51%
- ✗ 2. 52.84%
- ✗ 3. 49.27%
- ✓ 4. 50.14%

Q.70 Which of the following soils is most suitable for rice cultivation in India?

Ans
- ✗ 1. Saline soil
- ✓ 2. Alluvial soil
- ✗ 3. Desert soil
- ✗ 4. Red soil

Q.71 What should come in place of the question mark (?) in the given series?

911 910 920 919 929 ? 938

Ans
- ✗ 1. 926
- ✗ 2. 924
- ✓ 3. 928
- ✗ 4. 929

Q.72 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	9	%	2	5	*	$	3	^	#	4	+	6	7	8
Code	S	G	L	F	B	M	C	H	N	D	J	P	E	K

Conditions:
i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
ii) If the first element is an odd number and the last element is an even number, then the first and last elements are to be coded as @.
iii) If both the second and third elements are divisible by 2, the third element is to be coded as the code for the second element.

What will be the code for 768*%?

Ans
- ✓ 1. EPPBG
- ✗ 2. GPKBE
- ✗ 3. EPKBG
- ✗ 4. EKKBG

Q.73 RUYQ is related to KNRJ in a certain way based on the English alphabetical order. In the same way, ORVN is related to HKOG. To which of the given options is LOSK related, following the same logic?

Ans
- ✗ 1. HELD
- ✗ 2. HEDL
- ✓ 3. EHLD
- ✗ 4. EHDL

Q.74 Alluvial soil is mainly found in which region of India?

Ans
- ✗ 1. Peninsular Plateau
- ✓ 2. Indo-Gangetic Plain
- ✗ 3. Eastern Ghats
- ✗ 4. Western Ghats

Q.75 A booster pump can be used for filling as well as for emptying a tank. The capacity of the tank is 1800 m^3. The emptying capacity of the tank is 10 m^3/min higher than its filling capacity, and the pump needs 6 minutes lesser to empty the tank than it needs to fill it. What is the filling capacity of the pump in m^3/min?

Ans
- ✗ 1. 65
- ✗ 2. 27
- ✓ 3. 50
- ✗ 4. 18

Q.76 **Which of the following conditions will prevent a file from being renamed in a Windows-based operating system?**

Ans
- ✔ 1. The file is currently opened in another application.
- ✘ 2. The file is located in the Recycle Bin.
- ✘ 3. The file has a long name exceeding 255 characters.
- ✘ 4. The file has the 'Read-only' attribute enabled.

Q.77 **If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4568712, what will be the difference between the highest and lowest digits in the number thus formed?**

Ans
- ✘ 1. 7
- ✘ 2. 6
- ✘ 3. 9
- ✔ 4. 8

Q.78 **Which part of a Hindu temple serves as the innermost chamber for the primary deity?**

Ans
- ✔ 1. Garbhagriha
- ✘ 2. Shikhara
- ✘ 3. Jagati
- ✘ 4. Kalasha

Q.79 **Mr. Y starts from Point B and drives 1 km towards the south. He then takes a left turn, drives 9 km, turns right and drives 2 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 3 km and stops at Point A. How far (shortest distance) and towards which direction should he drive in order to reach Point B again? (All turns are 90-degree turns only unless specified.)**

Ans
- ✘ 1. 18 km towards the east
- ✘ 2. 9 km towards the south
- ✘ 3. 1 km towards the north
- ✔ 4. 22 km towards the west

Q.80 **In a certain code language, 'can you knock' is coded as 'mo nv sb' and 'knock the door' is coded as 'kx rg nv'. How is 'knock' coded in the given language?**

Ans
- ✘ 1. rg
- ✔ 2. nv
- ✘ 3. sb
- ✘ 4. kx

Q.81 **The population of a village was 1,10,000. It increased by 5% in the first year and increased by 30% in the second year. Its population after two years is _____.**

Ans
- ✔ 1. 1,50,150
- ✘ 2. 1,15,500
- ✘ 3. 1,48,500
- ✘ 4. 1,43,000

Q.82 **Kavita buys 2 apples and 5 mangoes for ₹239. When the cost of an apple is decreased by 50% and that of a mango remains the same, then the cost of 2 apples and 4 mangoes is ₹184. What is the original cost of 8 apples and 8 mangoes?**

Ans
- ✘ 1. ₹438
- ✔ 2. ₹440
- ✘ 3. ₹436
- ✘ 4. ₹441

Q.83 If 600 bananas were distributed among three monkeys in the ratio $\frac{1}{14} : \frac{1}{2} : \frac{9}{3}$ respectively, how many bananas did the third monkey get?

Ans
- ✗ 1. 506
- ✗ 2. 505
- ✗ 3. 503
- ✓ 4. 504

Q.84 **In March 2025, how many Light Combat Helicopters, Prachand, were ordered by the Ministry of Defence?**

Ans
- ✓ 1. 156
- ✗ 2. 126
- ✗ 3. 196
- ✗ 4. 136

Q.85 **Which of the following best describes the nature of the Northern Plain?**

Ans
- ✗ 1. Rocky and elevated
- ✗ 2. Arid and barren
- ✓ 3. Alluvial and fertile
- ✗ 4. Hilly and forested

Q.86 **Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.**

PTM NSJ LRG ? HPA

Ans
- ✓ 1. JQD
- ✗ 2. JQE
- ✗ 3. JPD
- ✗ 4. HPD

Q.87 **A, B, L, M, S, T and Z are sitting around a circular table facing the centre. M sits to the immediate right of T. Only three people sit between M and A when counted from the left of M. Only three people sit between T and Z. L sits to the immediate right of S. How many people sit between B and S when counted from the left of S?**

Ans
- ✗ 1. 1
- ✗ 2. 3
- ✗ 3. 4
- ✓ 4. 2

Q.88 **What is the purpose of the 'AutoFill' feature in MS Excel 365?**

Ans
- ✗ 1. To validate cell data
- ✗ 2. To split text into multiple cells
- ✓ 3. To copy cell content or continue a pattern
- ✗ 4. To automatically sum a range of values

Q.89 **The Great Bath is located at:**

Ans
- ✗ 1. Dholavira
- ✗ 2. Rakhigarhi
- ✗ 3. Harappa
- ✓ 4. Mohenjo-daro

Q.90 What was the total financial allocation for the Department of Rural Development for FY 2024-25, as per the Demand of Grants 2024-25 Analysis?

Ans

✗ 1. ₹1.26 lakh crore

✗ 2. ₹1.50 lakh crore

✗ 3. ₹2.58 lakh crore

✓ 4. ₹1.77 lakh crore

Q.91 Which of the following ratios is greatest?

Ans

✗ 1. 18 : 37

✗ 2. 23 : 25

✓ 3. 25 : 26

✗ 4. 13 : 32

Q.92 Seven boxes, F, G, H, I, L,M and N, are kept one over the other but not necessarily in the same order. Only three boxes are kept below I. Only two boxes are kept between I and F. Only H is kept above L. M is kept at some place below G and at some place above N. Which box is kept at second position from the bottom?

Ans

✗ 1. H

✓ 2. N

✗ 3. F

✗ 4. L

Q.93 The sum of the perimeter of two cubes, the length of whose edges are x cm and y cm, respectively, is 300 cm and the product of edges x and y is 156 cm^2. Find the sum of the volume of both cubes.

Ans

✗ 1. 2968 cm^3

✗ 2. 2178 cm^3

✗ 3. 1756 cm^3

✓ 4. 3925 cm^3

Q.94 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Q has an exam on Tuesday. Exactly 2 people have exams between Q and R. P has an exam immediately before T, and S has an exam immediately after V. Only 1 person has an exam between T and V. Who has an exam on Monday?

Ans

✗ 1. S

✓ 2. U

✗ 3. V

✗ 4. T

Q.95 The musical narration of the 'Battle of Khongjom' is a popular folk music of which State?

Ans

✓ 1. Manipur

✗ 2. Nagaland

✗ 3. Kerala

✗ 4. Arunachal Pradesh

Q.96 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:
All burger are pizza.
All burger are fries.
All burger are taco.

Conclusions:
(I) All pizza are taco.
(II) Some taco are fries.

Ans
✗ 1. Both conclusions (I) and (II) follow
✗ 2. Neither conclusion (I) nor (II) follows
✗ 3. Only conclusion (I) follows
✓ 4. Only conclusion (II) follows

Q.97 **The complete sequencing of the human genome has marked the beginning of:**

Ans
✗ 1. cytogenetics
✗ 2. immunology
✓ 3. genomics
✗ 4. structural biology

Q.98 If $3\ \tan A = 4$, then find the value of $\frac{(1-\sec A)(1+\sec A)}{(1-\operatorname{cosec} A)(1+\operatorname{cosec} A)}$.

Ans
✗ 1. $\frac{64}{9}$
✓ 2. $\frac{256}{81}$
✗ 3. $\frac{80}{27}$
✗ 4. $\frac{16}{9}$

Q.99 **A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.**

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	5	$	7	2	%	*	3	^	#	9	+	6	8	4
Code	A	F	L	B	G	M	C	H	N	D	J	P	E	K

Conditions:
i) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.
ii) If the first and last elements are odd numbers, then the first and last elements are to be coded as @.
iii) If both the second and third elements are perfect square roots, then the third element is to be coded as the code for the second element.

What will be the code for $94^8?

Ans
✗ 1. FDKHE
✗ 2. EDKHF
✓ 3. FDDHE
✗ 4. FKKHE

Q.100 In January 2025, which major tribute was part of the Armed Forces Veterans' Day celebration held at Akhnoor, Jammu?

Ans

✗ 1. Launch of One Rank One Pension Phase II Benefits

✓ 2. Award ceremony for Gallantry Medals to ex-servicemen families

✗ 3. Hoisting of a 108-feet National Flag and opening of a heritage museum

✗ 4. Inauguration of a National Veterans Memorial Park

Test Date	21/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **MJGT is related to QNKX in a certain way based on the English alphabetical order. In the same way, CZWJ is related to GDAN. To which of the following options is OLIV related, following the same logic?**

Ans
✗ 1. SMPZ
✓ 2. SPMZ
✗ 3. SPZM
✗ 4. SMZP

Q.2 **Seven boxes, A, B, C, D, E, F and Y, are kept one over the other but not necessarily in the same order. Only D is kept above F. Only three boxes are kept between D and A. Only B is kept below E. Y is not kept immediately above A. How many boxes are kept between C and B?**

Ans
✗ 1. Four
✗ 2. Three
✓ 3. Two
✗ 4. One

Q.3 **Which of the following pairs of reform organisations and their founders is correctly matched?**

Ans
✗ 1. Brahmo Samaj – Dayanand Saraswati
✗ 2. Arya Samaj – Raja Ram Mohan Roy
✓ 3. Satya Shodhak Samaj – Jyotiba Phule
✗ 4. Bahujan Samaj – BR Ambedkar

Q.4 **In November 2024, who was named Indian Film Personality of the Year at the International Film Festival of India (IFFI)?**

Ans
✓ 1. Vikrant Massey
✗ 2. Manoj Bajpayee
✗ 3. Nawazuddin Siddiqui
✗ 4. Ayushmann Khurrana

Q.5 **Govind invested some money in a bank at 4% per annum rate of interest. What would be the corresponding simple interest (in ₹) if after 2 years, Govind got ₹280.5 as compound interest, considering annual compounding?**

Ans
✓ 1. 275
✗ 2. 290
✗ 3. 270
✗ 4. 285

Q.6 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 4123957, what will be the difference between the greatest and smallest digits in the new number thus formed?

Ans

✗ 1. 6

✗ 2. 4

✗ 3. 2

✓ 4. 8

Q.7 The present cost of a hospital is ₹1,82,590. After a year, its cost increased to ₹1,95,382. The percentage increase (rounded off to the nearest integer) in the cost of the hospital is:

Ans

✗ 1. 5%

✗ 2. 16%

✗ 3. 3%

✓ 4. 7%

Q.8 When was the designation of the Governor General in India promoted as a Viceroy or Crown's representative?

Ans

✗ 1. Year 1935

✗ 2. Year 1919

✗ 3. Year 1833

✓ 4. Year 1858

Q.9 What does the horizontal row in the periodic table represent?

Ans

✗ 1. Groups

✗ 2. Columns

✓ 3. Periods

✗ 4. Blocks

Q.10 In the context of computer hardware components, what is the primary function of ROM?

Ans

✗ 1. It physically supports all internal hardware modules.

✓ 2. It holds essential firmware required for booting the system.

✗ 3. It stores temporary data used during system processing.

✗ 4. It executes programs and handles arithmetic operations.

Q.11 Where is the audit report of an apex co-operative society required to be presented?

Ans

✗ 1. District Office

✓ 2. State Legislature

✗ 3. High Court

✗ 4. State Secretariat

Q.12 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	14	32	39	38	10	36	22

Ans

✗ 1. 40.86

✗ 2. 60.47

✓ 3. 43.75

✗ 4. 36.08

Q.13 If 48, 96, 20, and y are in proportion, then the value of y is:

Ans
- ✗ 1. 38
- ✗ 2. 37
- ✗ 3. 34
- ✓ 4. 40

Q.14 Which of the following was the theme of National Science Day 2025, celebrated on the 28th of February?

Ans
- ✗ 1. Fostering Scientific Excellence through Youth-Driven Research and Innovation in India
- ✗ 2. Building a Developed Nation through Scientific Thinking and Modern Technology
- ✓ 3. Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat
- ✗ 4. Advancing Scientific Vision through Innovation and Collaborative Growth in Bharat

Q.15 The Mauryan period saw the development of which script for inscriptions?

Ans
- ✗ 1. Pali
- ✓ 2. Brahmi
- ✗ 3. Kharosthi
- ✗ 4. Grantha

Q.16 The Indus Valley Civilization flourished around:

Ans
- ✓ 1. 2500-1800 BCE
- ✗ 2. 5000–4000 BCE
- ✗ 3. 1000–500 BCE
- ✗ 4. 900–200 BCE

Q.17 In finding the HCF of two numbers by division method, the quotients are 1, 5, and 8, respectively, and the last divisor is 57. What is the LCM of the two numbers?

Ans
- ✗ 1. 114509
- ✗ 2. 114517
- ✗ 3. 114511
- ✓ 4. 114513

Q.18 Which country is developing the 'Gelephu Mindfulness City' to promote economic growth, wellness, and sustainability?

Ans
- ✗ 1. Cambodia
- ✓ 2. Bhutan
- ✗ 3. Nepal
- ✗ 4. Sri Lanka

Q.19 What should come in place of the question mark (?) in the given series?

356, 333, 300, ?, 204, 141

Ans
- ✗ 1. 237
- ✗ 2. 247
- ✓ 3. 257
- ✗ 4. 227

Q.20 A train P going at the speed of 30 km/hr completely passes train Q of length 296 m, going in the same direction on parallel tracks, at 21 km/hr, in 6.5 minutes. How much time (in seconds) will P take to cross completely train R of length 196 m, going at 96 km/hr in the opposite direction?

Ans
- ✗ 1. 42
- ✗ 2. 21
- ✓ 3. 25
- ✗ 4. 22

Q.21 An astronomical observation site, Jantar Mantar, which is also a UNESCO World Heritage Site, is located in which State?

Ans
- ✓ 1. Rajasthan
- ✗ 2. Gujarat
- ✗ 3. Bihar
- ✗ 4. Madhya Pradesh

Q.22 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

 # : XFL :: KSY : %

Ans
- ✗ 1. # = SAG, % = PID
- ✗ 2. # = TAG, % = PXD
- ✓ 3. # = SAG, % = PXD
- ✗ 4. # = SAG, % = PXO

Q.23 In a certain code language, 'CARD' is coded as '4681' and 'DOGS' is coded as '3219'. What is the code for 'D' in the given code language?

Ans
- ✓ 1. 1
- ✗ 2. 2
- ✗ 3. 4
- ✗ 4. 3

Q.24 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbols	4	#	$	7	9	2	6	@	3	&	5
Code	B	W	Q	C	A	T	J	N	P	D	G

Conditions:
(i) If the first element is a number and the last element is a symbol, then the codes for the first and last elements are to be interchanged.
(ii) If the first element is divisible by 2 and the last element is divisible by 3, then the first and last elements are to be coded as *
(iii) If the first element is a symbol and the last element is an even number, then their codes (i.e. first and last element) are to be changed to the code for 3.

Identify the code for the following.

56#4+

Ans
- ✓ 1. EJWBG
- ✗ 2. GJWBG
- ✗ 3. GJWBE
- ✗ 4. EJGBE

Q.25 18 chairs and 4 tables cost ₹7,100 and 18 chairs and 7 tables cost ₹7,700. What is the cost of 18 chairs and 5 tables?

Ans
- ✗ 1. ₹7,295
- ✗ 2. ₹7,298
- ✓ 3. ₹7,300
- ✗ 4. ₹7,296

Q.26 Amit's salary is ₹13,000 per month. He spends ₹4,000 on house rent, ₹2,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday he spent his complete monthly savings for a birthday celebration.

Ans
- ✗ 1. 70,000
- ✓ 2. 77,000
- ✗ 3. 84,000
- ✗ 4. 63,000

Q.27 A dealer purchased an oven for ₹605. After allowing a discount of 45% on its marked price, he still gains 37%. Find the marked price of the oven.

Ans
- ✗ 1. ₹1,421
- ✗ 2. ₹1,502
- ✗ 3. ₹1,537
- ✓ 4. ₹1,507

Q.28 The curved surface area of a right circular cone is 2684π cm^2, and the diameter of its base is 44 cm. Find the height (in cm) of the cone.

Ans
- ✗ 1. 123
- ✗ 2. 121
- ✗ 3. 124
- ✓ 4. 120

Q.29 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 1 5 & 3 * $ 4 @ % 2 7 # 9 ^ # ⩾ 6 8 (Right)

If all the symbols are dropped from the series, which of the following will be fourth from the right?

Ans
- ✗ 1. 2
- ✗ 2. 4
- ✗ 3. 9
- ✓ 4. 7

Q.30 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. RV – TB
- ✓ 2. GK – JQ
- ✗ 3. MQ – OW
- ✗ 4. EI – GO

Q.31 Which of the following rivers originates in the Western Ghats?

Ans
- ✓ 1. Krishna
- ✗ 2. Brahmaputra
- ✗ 3. Yamuna
- ✗ 4. Ganga

Q.32 Where was the Leadership Summit 2024, a two-day corporate-academia event centered around the theme 'Grooming Young Talents' held?

Ans

✗ 1. Indian Institute of Technology Roorkee

✗ 2. Indian Institute of Technology Kanpur

✗ 3. Indian Institute of Technology Mumbai

✓ 4. Indian Institute of Technology Guwahati

Q.33 This question is based on the five, three-digit numbers given below.
(Left) 411 559 916 247 769 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

Ans

✓ 1. 7

✗ 2. 11

✗ 3. 5

✗ 4. 9

Q.34 In ΔABC, $DE \parallel AC$, where D and E are the points on sides AB and BC, respectively.
If $BD = 17$ cm and $AD = 14$ cm, then what is the ratio of the area of ΔBDE to that of the trapezium ADEC?

Ans

✗ 1. 523 : 367

✓ 2. 289 : 672

✗ 3. 672 : 289

✗ 4. 475 : 326

Q.35 Seven friends, A, B, C, D, E, F and O, are sitting in a row facing north. Only two people sit to the left of F. Only three people sit between F and A. Only one person sits between A and O. D sits to the immediate left of C. E is not an immediate neighbour of A. How many people sit to the right of B?

Ans

✗ 1. Four

✓ 2. One

✗ 3. Two

✗ 4. Three

Q.36 What was the size of the special economic and comprehensive package launched by the Central Government to fight COVID-19 pandemic in India?

Ans

✗ 1. ₹2 lakh crore

✗ 2. ₹200 lakh crore

✗ 3. ₹120 lakh crore

✓ 4. ₹20 lakh crore

Q.37 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
GUR QEB AOL KYV ?

Ans

✗ 1. FIU

✗ 2. UFI

✗ 3. FUI

✓ 4. UIF

Q.38 SUZD is related to ZBGK in a certain way based on the English alphabetical order. In the same way, UWBF is related to BDIM. To which of the following options is PRWA related, following the same logic?

Ans
- ✗ 1. WDHY
- ✗ 2. WYHD
- ✗ 3. WDUH
- ✓ 4. WYDH

Q.39 Who won the women's singles title at the Indian Open 2025 Professional Squash Association (PSA) Copper event?

Ans
- ✗ 1. Joshna Chinappa
- ✓ 2. Anahat Singh
- ✗ 3. Rachael Grinham
- ✗ 4. Dipika Pallikal

Q.40 Taran ranked 28^{th} from the top and 64^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✗ 1. 90
- ✗ 2. 92
- ✗ 3. 93
- ✓ 4. 91

Q.41 In March 2025, Prime Minister Narendra Modi inaugurated 'Vantara' in Jamnagar, Gujarat. What is the primary purpose of this facility?

Ans
- ✓ 1. To act as an advanced animal rescue, conservation and rehabilitation centre
- ✗ 2. To operate as a research institute for agricultural development
- ✗ 3. To serve as a luxury wildlife safari resort
- ✗ 4. To function as a commercial zoo for tourism

Q.42 Which of the following numbers is divisible by 7?

Ans
- ✓ 1. 2436
- ✗ 2. 1454
- ✗ 3. 3366
- ✗ 4. 3344

Q.43 Which of the following Indian states shares an international boundary with three countries?

Ans
- ✓ 1. West Bengal
- ✗ 2. Uttarakhand
- ✗ 3. Himachal Pradesh
- ✗ 4. Bihar

Q.44 If $5x + 4y = 12$ and $xy = 2$, then find the value of $125x^3 + 64y^3$.

Ans
- ✓ 1. 288
- ✗ 2. 286
- ✗ 3. 268
- ✗ 4. 258

Q.45 How can we change the margins of a document in MS Word?

Ans
- ✗ 1. Insert tab -> Margins
- ✓ 2. Layout tab -> Margins
- ✗ 3. Review tab -> Margins
- ✗ 4. Design tab -> Margins

Q.46 In a certain code language,

A + B means 'A is the son of B',
A – B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E ÷ F x G + H – K'?

Ans

✗ 1. Sister's son's wife's brother

✗ 2. Brother's son's wife's father

✗ 3. Brother's son's wife's brother

✓ 4. Sister's son's wife's father

Q.47 Which of the following statements regarding the Theatre Level Operational Readiness Exercise (TROPEX-25) are correct?
TROPEX-25 is an annual exercise involving multiple Indian forces.
The exercise is being conducted in the Indian Ocean Region over a duration of three months.
The exercise includes participation from the Indian Army, Indian Air Force, and Indian Coast Guard.
The exercise focuses solely on cyber and electronic warfare operations.

Ans

✗ 1. 1 and 2 only

✗ 2. 2, 3 and 4 only

✓ 3. 2 and 3 only

✗ 4. 1, 3 and 4 only

Q.48 The percentage profit earned by selling a table lamp for ₹214 is equal to the percentage loss incurred by selling the same table lamp for ₹146. At what price (in ₹) should the table lamp be sold to make 55% profit?

Ans

✗ 1. 278

✗ 2. 282

✓ 3. 279

✗ 4. 276

Q.49 The curved surface area of a cone is 2970 cm^2, and its diameter is 70 cm. What is its total surface area (in cm^2)?

$$Use\ \pi = \frac{22}{7}$$

Ans

✓ 1. 6820

✗ 2. 6825

✗ 3. 6827

✗ 4. 6813

Q.50 Each of the digits in the number 31879452 is arranged in the ascending order from left to right. Which of the following digits will be third from the left in the new number thus formed?

Ans

✓ 1. 3

✗ 2. 7

✗ 3. 4

✗ 4. 2

Q.51 Which Princely State was ruled personally by the Nizam and had the 'Sarf Khas' estate?

Ans

✗ 1. Mysore

✗ 2. Kashmir

✓ 3. Hyderabad

✗ 4. Gwalior

Q.52 What should come in place of the question mark (?) in the given series?

982 980 988 986 994 992 ?

Ans
- ✗ 1. 996
- ✓ 2. 1000
- ✗ 3. 1002
- ✗ 4. 998

Q.53 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?

89 D 7 B 5 C (78 A 6) C 22 = ?

Ans
- ✗ 1. 105
- ✗ 2. 74
- ✓ 3. 89
- ✗ 4. 97

Q.54 Which summit is scheduled to be held at the Jio World Convention Centre, Mumbai, in May 2025?

Ans
- ✗ 1. World Global Business Forum
- ✗ 2. World Media India Expo
- ✗ 3. World Tech India Summit
- ✓ 4. World Audio Visual & Entertainment Summit

Q.55 Consider the statements with respect to the National Technical Textiles Mission in India.

1. The Union Government has launched a mission named National Technical Textiles Mission (NTTM) in 2025.
2. Technical textiles are fabrics made for specific functions and performance, rather than for looks.
3. They are used in products that help protect people, improve machinery and solve practical problems, such as in car parts, building materials, medical equipment and safety gear.

Which of the given statements is/are correct?

Ans
- ✗ 1. 1, 2 and 3
- ✗ 2. Only 1 and 2
- ✗ 3. Only 2
- ✓ 4. Only 2 and 3

Q.56 What is the estimated monthly per capita household consumption expenditure in rural India, as reported by Household Consumption Expenditure Survey: 2023-24?

Ans
- ✓ 1. ₹4,122
- ✗ 2. ₹5,000
- ✗ 3. ₹3,125
- ✗ 4. ₹6,996

Q.57 Which of the following operating systems provides the highest level of user control over system resources and is most commonly used for professional software development on desktops and laptops?

Ans
- ✗ 1. macOS
- ✗ 2. chromeOS
- ✗ 3. Windows 11
- ✓ 4. Linux (Ubuntu or Fedora)

Q.58 This question is based on the five, three-digit numbers given below.
(Left) 917 782 549 557 539 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

Ans
✗ 1. 13
✓ 2. 12
✗ 3. 11
✗ 4. 15

Q.59 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(57, 41, 32)
(65, 49, 40)

Ans
✗ 1. (51, 35, 16)
✓ 2. (72, 56, 47)
✗ 3. (89, 83, 74)
✗ 4. (96, 80, 61)

Q.60 A and B complete a work in 20 days. If A alone can do it in 45 days, then B alone can do one-third of the same work in _____ days.

Ans
✗ 1. 36
✓ 2. 12
✗ 3. 24
✗ 4. 48

Q.61 As per the NITI Aayog Report titled 'FAST TRACKING FREIGHT IN INDIA' of 2021, what was the share of road transport in the freight traffic?

Ans
✗ 1. 50%
✗ 2. 40%
✓ 3. 71%
✗ 4. 62%

Q.62 A, B, L, M, S, T and Z are sitting around a circular table facing the centre. Only four people sit between M and T when counted from the right of M. M sits third to the left of L. S sits third to the left of Z. B is an immediate neighbour of both T and L. How many people sit between A and B when counted from the right of A?

Ans
✓ 1. 2
✗ 2. 1
✗ 3. 3
✗ 4. 4

Q.63 In February 2025, which bank of India has announced $10 billion three-year dollar/rupee swap auction?

Ans
✗ 1. State Bank of India
✓ 2. Reserve Bank of India
✗ 3. Bank of India
✗ 4. Bank of Baroda

Q.64 **Which type of muscle fibres are primarily found in the gastrointestinal tract, and what is a key characteristic of their contraction?**

Ans

✗ 1. Striated muscle fibres; intermittent and forceful contraction

✓ 2. Smooth muscle fibres; slow and sustained involuntary contraction

✗ 3. Cardiac muscle fibres; rhythmic and involuntary contraction

✗ 4. Skeletal muscle fibres; rapid and voluntary contraction

Q.65 **Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?**
JCH34 KDI43 LEJ52 MFK61 ?

Ans

✗ 1. NGK71

✗ 2. NGK70

✗ 3. NGL71

✓ 4. NGL70

Q.66 **Mr. IJK starts from Point A and drives 23 km towards the south. He then takes a right turn, drives 3 km, turns right and drives 27 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)**

Ans

✗ 1. 2 km to the east

✓ 2. 4 km to the west

✗ 3. 1 km to the north

✗ 4. 3 km to the south

Q.67 **At what rate (in percentage) per annum will ₹1,300 give ₹650 as simple interest in 10 years?**

Ans

✗ 1. 8%

✗ 2. 4%

✗ 3. 7%

✓ 4. 5%

Q.68 **The term ‘judicial service’ under Articles 233-237 refers to:**

Ans

✗ 1. Only district judges

✗ 2. All magistrates, including executive magistrates

✗ 3. Only sessions judges and additional sessions judges

✓ 4. District judges and civil judicial posts below them

Q.69 **'Purvang' and 'Uttaranga' are two sections of which of the components of Carnatic Music?**

Ans

✓ 1. Varnam

✗ 2. Ragamalika

✗ 3. Anu Pallavi

✗ 4. Charanam

Q.70 **What is the median of the following data?**

75, 69, 45, 17, 22, 57, 79, 28, 18, 91, 32

Ans

✗ 1. 46

✗ 2. 45.5

✗ 3. 44.5

✓ 4. 45

Q.71 A sells a printer to B at a loss of 60% and B sells the printer to C at a profit of 25%. If C purchased the printer for ₹89,569 then what was the cost (in ₹) of the printer for A?

Ans
- ✗ 1. 1,79,141
- ✗ 2. 1,79,140
- ✓ 3. 1,79,138
- ✗ 4. 1,79,134

Q.72 Which of the following methods is the quickest way to open an existing MS PowerPoint presentation?

Ans
- ✗ 1. Press Ctrl + O
- ✓ 2. Double-click the .pptx file in File Explorer
- ✗ 3. Use the Alt + F4 shortcut
- ✗ 4. Open MS PowerPoint and click Blank Presentation

Q.73 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 72384596, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. Four
- ✗ 2. One
- ✓ 3. Three
- ✗ 4. Two

Q.74 If $a + b = 41$, and $a - b = 38$, find the value of $(a + b)^2$.

Ans
- ✗ 1. 1763
- ✗ 2. 1733
- ✗ 3. 1759
- ✓ 4. 1681

Q.75 What was the name of India's humanitarian mission to provide assistance to Myanmar after the earthquake in March 2025?

Ans
- ✗ 1. Operation Rahat
- ✓ 2. Operation Brahma
- ✗ 3. Operation Maitri
- ✗ 4. Operation Dost

Q.76 Which of the following statements is correct with reference to the representative elements?

Ans
- ✗ 1. They contain only metals.
- ✓ 2. They consist of both s- and p-block elements.
- ✗ 3. They only include p-block elements.
- ✗ 4. They are also called Transuranium elements.

Q.77 The Thar Desert is classified as which of the following?

Ans
- ✗ 1. Polar Desert
- ✗ 2. Tundra Desert
- ✓ 3. Subtropical Desert
- ✗ 4. Mediterranean Desert

Q.78 Two quadratic equations, $x^2 - 5x + 6 = 0$ and $2x^2 - kx + 6 = 0$, have one common root. What is the possible value of k?

Ans

✗ 1. 5

✗ 2. 11

✓ 3. 7

✗ 4. 9

Q.79 In a certain code language, 'BACK' is coded as '5314' and 'CARB' is coded as '1524'. What is the code for 'R' in the given code language?

Ans

✗ 1. 1

✓ 2. 2

✗ 3. 5

✗ 4. 4

Q.80 Evaluate: 86 × 104

Ans

✓ 1. 8944

✗ 2. 9044

✗ 3. 8954

✗ 4. 8934

Q.81 In covering a distance of 162 km, Abhay takes 6 hours more than Sameer. If Abhay doubles his speed, then he would take 3 hours less than Sameer. Abhay's initial speed is:

Ans

✗ 1. 8 km/hr

✗ 2. 4 km/hr

✗ 3. 18 km/hr

✓ 4. 9 km/hr

Q.82 ABCD is a quadrilateral in which AB ∥ DC, and E and F are the mid points of the diagonals AC and BD, respectively. If AB = 30 cm, BC = 20 cm, DC = 86 cm and AD = 84 cm, then what is the length (in cm) of EF?

Ans

✓ 1. 28

✗ 2. 31

✗ 3. 23

✗ 4. 24

Q.83 Three water pipes m, n and p, take 5, 6 and 12 hours, respectively, to fill a water tank. If all three pipes are opened at the same time, then the required time to fill the water tank will be:

Ans

✗ 1. $2\frac{2}{7}$ hours

✗ 2. $1\frac{1}{9}$ hours

✗ 3. $2\frac{1}{9}$ hours

✓ 4. $2\frac{2}{9}$ hours

Q.84 A pouch contains 50 Paisa, 25 Paisa and 10 Paisa coins in the ratio 18 : 12 : 10, amounting to ₹130. Find the number of 10 Paisa coins.

Ans

✗ 1. 149

✗ 2. 184

✓ 3. 100

✗ 4. 180

Q.85 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All terraces are lawns.
All lawns are grounds.
No ground is a field.

Conclusions:

(I) No terrace is a field.
(II) Some grounds are terraces.

Ans

✗ 1. Only conclusion (I) follows.

✓ 2. Both conclusions (I) and (II) follow.

✗ 3. Neither conclusion (I) nor (II) follows.

✗ 4. Only conclusion (II) follows.

Q.86 The concept of a mixed economy was central to India's early planning strategies. In the context of India's Five-Year Plans, what does the term 'mixed economy' refer to?

Ans

✗ 1. Balanced growth of rural and urban areas

✗ 2. Coexistence of agriculture and industry

✗ 3. Mix of socialism and communism

✓ 4. Coexistence of public and private sectors

Q.87 The average of fifty numbers is 34. If two numbers, namely 34 and 22 are discarded, the average of the remaining numbers is:

Ans

✗ 1. 32.25

✗ 2. 35.25

✓ 3. 34.25

✗ 4. 31.25

Q.88 Which of the following countries is closest to the Nicobar Islands?

Ans

✗ 1. Malaysia

✓ 2. Myanmar

✗ 3. China

✗ 4. Sri Lanka

Q.89 Who is responsible for preparing the inaugural speech of the President of India in Indian Parliament?

Ans

✓ 1. The Council of Ministers

✗ 2. Lok Sabha Speaker

✗ 3. The Leader of the Opposition

✗ 4. The President personally

Q.90 Mr. O starts from Point U and drives 1 km towards the west. He then takes a left turn, drives 2 km, turns right and drives 3 km. He then takes a left turn and drives 4 km. He then takes a left turn, drives 4 km. He takes a final left turn, drives 4 km and stops at Point V. How far (shortest distance) and towards which direction should he drive in order to reach Point U again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ 1. 2 km towards the west
- ✗ 2. 4 km towards the east
- ✗ 3. 4 km towards the south
- ✓ 4. 2 km towards the north

Q.91 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. T has an exam on Thursday. U has an exam immediately before T and P has an exam immediately after T. Only 3 people have exams between Q and V. R has an exam immediately after V. How many people have exams before Q?

Ans
- ✗ 1. 3
- ✗ 2. 4
- ✗ 3. 2
- ✓ 4. 1

Q.92 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: PZL :: AKW : %

Ans
- ✗ 1. # = URD, % = ISE
- ✗ 2. # = HRD, % = LSE
- ✓ 3. # = HRD, % = ISE
- ✗ 4. # = HRD, % = ISO

Q.93 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. GK - JN
- ✗ 2. EI - HL
- ✓ 3. ML - KJ
- ✗ 4. LP - OS

Q.94 Which of the following options in PowerPoint allows you to see all the slides at once as thumbnails?

Ans
- ✗ 1. Reading View
- ✓ 2. Slide Sorter View
- ✗ 3. Outline View
- ✗ 4. Slide Show View

Q.95 When did Expo 2025 Osaka officially open?

Ans
- ✗ 1. 15 May 2025
- ✗ 2. 1 March 2025
- ✓ 3. 13 April 2025
- ✗ 4. 10 June 2025

Q.96 Find the value of $\frac{(3+3\tan^2 A)\cot A}{(1+\cot^2 A)\sec A}$.

Ans
- ✗ 1. tanA
- ✗ 2. sinA
- ✓ 3. 3sinA
- ✗ 4. 3tanA

Q.97 **What was the main change introduced by the 2015 Amendment to the Citizenship Act?**

Ans
- ✗ 1. Created a new visa category for tourists
- ✓ 2. Merged PIO and OCI card schemes
- ✗ 3. Abolished Overseas Citizenship
- ✗ 4. Introduced Dual Citizenship

Q.98 **The average of 10 observations is 40. It was realised later that an observation was misread as 31 in place of 50. Find the correct average.**

Ans
- ✓ 1. 41.9
- ✗ 2. 44.9
- ✗ 3. 40.9
- ✗ 4. 42.9

Q.99 **The Ghadar Party, established in 1913 in San Francisco, aimed to overthrow the British rule in India through revolutionary means. Who was the key founder and ideological leader of the Ghadar Party?**

Ans
- ✓ 1. Lala Har Dayal
- ✗ 2. Lala Lajpat Rai
- ✗ 3. VD Savarkar
- ✗ 4. Sachindra Nath Sanyal

Q.100 Which positive number should replace both question marks in the following equation?

$\frac{?}{11} = \frac{275}{?}$

Ans
- ✓ 1. 55
- ✗ 2. 54
- ✗ 3. 49
- ✗ 4. 46

Test Date	21/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **According to the UNEP Emissions Gap Report 2024, what is the projected global temperature rise by the end of the century if current policies continue?**

Ans
✔ 1. 3.1%
✘ 2. 4.6%
✘ 3. 3.8%
✘ 4. 4.8%

Q.2 **A dealer purchased an oven for ₹54,000. He allows a discount of 10% on its marked price and still gains 75%. Find the marked price of the oven.**

Ans
✘ 1. ₹1,04,868
✘ 2. ₹1,04,968
✔ 3. ₹1,05,000
✘ 4. ₹1,04,961

Q.3 **Which of the following MS PowerPoint features allows you to record the timing for each slide and any narration or laser pointer movements to be replayed automatically during a slideshow?**

Ans
✘ 1. Presenter View
✘ 2. Set Up Slide Show
✔ 3. Record Slide Show
✘ 4. Rehearse Timings

Q.4 **Mr. Helux starts from Point A and drives 18 km towards the West. He then takes a left turn, drives 6 km, turns right and drives 21 km. He then takes a right turn and drives 18 km. He takes a final right turn, drives 39 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)**

Ans
✔ 1. 12 km to the South
✘ 2. 16 km to the East
✘ 3. 19 km to the North
✘ 4. 10 km to the West

Q.5 **The average weight of A, B and C is 45 kg. If the average weight of A and B is 37 kg and that of B and C is 47 kg, then the weight of B (in kg) is:**

Ans
✘ 1. 43
✘ 2. 23
✘ 3. 48
✔ 4. 33

Q.6 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:
All induction are stove.
Some stove are oven.
Some oven are tandoor.

Conclusions:
(I) Some tandoor are induction.
(II) Some oven are induction.

Ans
- ✔ 1. Neither conclusion (I) nor (II) follows
- ✘ 2. Both conclusions (I) and (II) follow
- ✘ 3. Only conclusion (I) follows
- ✘ 4. Only conclusion (II) follows

Q.7 **The Badami caves in Karnataka have been built by which of the following rulers?**

Ans
- ✘ 1. Mauryas
- ✘ 2. Pandyas
- ✘ 3. Pallavas
- ✔ 4. Chalukyas

Q.8 **The Himalayan High Altitude Atmospheric and Climate Research Centre was inaugurated on 8th April 2025 in which district?**

Ans
- ✘ 1. Pulwama
- ✘ 2. Anantnag
- ✔ 3. Udhampur
- ✘ 4. Srinagar

Q.9 **Prime Minister Narendra Modi interacted with the beneficiaries of the 'Lakhpati Didi' scheme in Gujarat in March 2025. In this context, which of the following statements is/are correct?**
The scheme aims to empower women by enabling SHG members to earn an annual household income of at least ₹1 lakh, sustained over agricultural seasons or business cycles.
It offers direct annual cash transfers of ₹1 lakh to selected SHG members to support their livelihoods.
The scheme is implemented by the Ministry of Rural Development under DAY-NRLM.

Ans
- ✘ 1. 1 and 2
- ✘ 2. Only 1
- ✔ 3. 1 and 3
- ✘ 4. 2 and 3

Q.10 **In an isosceles triangle, the vertex angle measures 124°. What is the measure of each of the base angles?**

Ans
- ✘ 1. 29° and 41°
- ✔ 2. 28° and 28°
- ✘ 3. 24° and 40°
- ✘ 4. 31° and 25°

Q.11 **What should come in place of the question mark (?) in the given series?**

6 13 25 42 64 ?

Ans
- ✘ 1. 86
- ✘ 2. 96
- ✔ 3. 91
- ✘ 4. 81

Q.12 In a certain code language,

'A + B' means 'A is the father of B'
'A – B' means 'A is the daughter of B'
'A x B' means 'A is the son of B'
'A ÷ B' means 'A is the wife of B'

Based on the above, how is P related to T if 'P + Q x R – S ÷ T'?

Ans
- ✔ 1. Daughter's husband
- ✘ 2. Son's wife's brother
- ✘ 3. Wife's brother's son
- ✘ 4. Daughter's son

Q.13 Prior to 1992, what was the status of Local Governments in India?

Ans
- ✘ 1. Autonomous self-governance
- ✘ 2. Directly controlled by the Central Government
- ✔ 3. Statutory status under State Law
- ✘ 4. Constitutional status

Q.14 In a certain code language, 'talk to him' is coded as 'yd hp mu' and 'when you talk' is coded as 'nc mu bt'. How is 'talk' coded in the given language?

Ans
- ✘ 1. yd
- ✘ 2. nc
- ✘ 3. bt
- ✔ 4. mu

Q.15 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JN28 IM40 HL52 GK64 ?

Ans
- ✘ 1. FI76
- ✘ 2. FJ77
- ✘ 3. FI77
- ✔ 4. FJ76

Q.16 What will come in place of the question mark (?) in the following equation if '÷' and '–' are interchanged and '×' and '+' are interchanged?

4320 − 96 × 37 + 21 ÷ 372 = ?

Ans
- ✘ 1. 822
- ✔ 2. 450
- ✘ 3. 1350
- ✘ 4. 733

Q.17 Which of the following is a mineral-based industry that uses ore or other minerals as raw materials?

Ans
- ✘ 1. Sugar
- ✔ 2. Iron and steel
- ✘ 3. Textile
- ✘ 4. Rubber

Q.18 Kalpana and Sudha got 624 and 720 marks, respectively, in the same examination. If Kalpana scored 26% marks, then what is the percentage of marks scored by Sudha?

Ans

✔ 1. 30%

✘ 2. 29%

✘ 3. 33%

✘ 4. 27%

Q.19 Labour reforms have remained a key agenda in the post-1991 economic policy landscape. How many labour codes were consolidated by the Indian government under the labour reforms enacted in 2019-2020?

Ans

✘ 1. Five

✘ 2. Three

✔ 3. Four

✘ 4. Two

Q.20 Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?
: QVS :: GLI : %

Ans

✘ 1. # = LPQ, % = LKP

✔ 2. # = LQN, % = LQN

✘ 3. # = PMN, % = PJY

✘ 4. # = KOJ, % = HGT

Q.21 Refer to the number and symbol series given below and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 9 # 2 6 7 © 6 8 & © $ & 3 9 1 7 $ 5 # @ * 4 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans

✘ 1. 0

✘ 2. 2

✘ 3. 3

✔ 4. 1

Q.22 Mr C starts from Point A and drives 5 km towards the West. He then takes a right turn, drives 11 km, turns right and drives 3 km. He then takes a left turn and drives 4 km. He then takes a right turn, drives 3 km. He then takes a final right turn drives 15 km and stops at Point B. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

Ans

✔ 1. 1 km towards the West

✘ 2. 1 km towards the East

✘ 3. 1 km towards the North

✘ 4. 3 km towards the South

Q.23 How can rivers contribute to the formation of a coastal plain?

Ans

✘ 1. By evaporating

✔ 2. By depositing sediments over time

✘ 3. By increasing sea levels

✘ 4. By creating fault lines

Q.24 If a sum of ₹8,20,000 is invested for a year at 6% per annum compounded half yearly, then find the compound interest.

Ans

✗ 1. ₹50,028

✓ 2. ₹49,938

✗ 3. ₹49,685

✗ 4. ₹48,444

Q.25 FBHP is related to JFLT in a certain way based on the English alphabetical order. In the same way, VRXF is related to ZVBJ. To which of the following options is HDJR related, following the same logic?

Ans

✗ 1. LVHN

✗ 2. LHVN

✓ 3. LHNV

✗ 4. LVNH

Q.26 Which of the following statements is/are correct regarding the recent Supreme Court developments on bail under the PMLA (Prevention of Money Laundering Act, 2002) in 2024-25?
The Supreme Court has clarified that prolonged incarceration without trial can be a valid ground for granting bail under PMLA-2002, despite the twin conditions under Section 45.
In Arvind Kejriwal's case, the Court ruled that the legality of arrest must also consider the "need and necessity" of arrest, in addition to the standard "reasons to believe" clause.
The Court has held that "bail is the exception, jail the rule", which remains applicable in money laundering cases.

Ans

✗ 1. Statement 1 only

✗ 2. Statements 2 and 3 only

✗ 3. Statements 1, 2 and 3

✓ 4. Statements 1 and 2 only

Q.27 If 1 is added to each even digit and each odd digit in the number 57831426, what will be the sum of the first two and the last two digits from the left in the new number thus formed?

Ans

✗ 1. 26

✗ 2. 20

✓ 3. 24

✗ 4. 22

Q.28 Simplify the following:

$$2\frac{2}{9} \times 2\frac{2}{3} \times 567 + 8\frac{3}{4}$$

Ans

✗ 1. 3347.25

✗ 2. 3364.35

✓ 3. 3368.75

✗ 4. 3372.15

Q.29 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	7	%	2	5	*	$	3	^	#	4	+	6	9	8
Code	U	G	L	F	B	M	C	H	N	D	J	P	E	K

Conditions:
I) If the first element is a symbol and the last a number, then the codes for these two (the first and the last elements) are to be interchanged.
II) If the first element is an odd number and the last element is an even number, then the first and last elements are to be coded as @.
III) If both the second and third elements are perfect square roots, the third element is to be coded as the code for the second element.

What will be the code for 536+8?

Ans
✔ 1. @CPJ@
✘ 2. @PCJ@
✘ 3. FCPJK
✘ 4. KCPJF

Q.30 An electric pump can fill a tank in 4 hours. Due to a leakage in the tank, it takes $9\frac{1}{3}$ hours to fill the tank. How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

Ans
✘ 1. 15 hours
✘ 2. 2 hours
✘ 3. 17 hours
✔ 4. 7 hours

Q.31 Which keyboard shortcut is typically used to paste copied content?

Ans
✘ 1. Ctrl + S
✔ 2. Ctrl + V
✘ 3. Ctrl + F
✘ 4. Ctrl + C

Q.32 A hollow spherical shell is made of a metal of density 28 g/cm^3. Its internal and external radii are 2 cm and 5 cm, respectively. What is the approximate weight (in kg) of the shell?

$\left(\text{Take } \pi = \frac{22}{7}, \text{Density} = \frac{\text{Mass}}{\text{Volume}}\right)$

Ans
✔ 1. 13.728
✘ 2. 15.12
✘ 3. 10.728
✘ 4. 15.49

Q.33 Hunger strike as a weapon was used for the first time by Mahatma Gandhi during which struggle?

Ans
✘ 1. Non-Cooperation Movement
✔ 2. Ahmedabad Mill Workers' Struggle
✘ 3. Kheda Satyagraha
✘ 4. Champaran Satyagraha

Q.34 If α and β are the roots of the equation $x^2 - x - 6 = 0$, find the value of $\alpha^4 + \beta^4$.

Ans

✗ 1. 100

✗ 2. 90

✗ 3. 95

✓ 4. 97

Q.35 The mode of the observations 24, 33, 32, 24, 28, 24, 29, 25, 25, 34, 27, 26, 22, 34, 27, 24 and 30 is:

Ans

✗ 1. 33

✗ 2. 28

✓ 3. 24

✗ 4. 32

Q.36 What is a key difference between the Indian Prime Minister and the American President regarding their accountability to the legislature?

Ans

✗ 1. The American President must seek a vote of confidence from Congress, unlike the Indian Prime Minister.

✓ 2. The American President and his cabinet are not members of Congress, whereas the Indian Prime Minister and his ministers must be part of Parliament.

✗ 3. The American President is collectively responsible to Congress, while the Indian Prime Minister is not.

✗ 4. The American President can be dismissed by a simple majority in Congress, while the Indian Prime Minister can be removed by a no-confidence motion.

Q.37 In a certain code language, 'KITE' is coded as '3641' and 'LACK' is coded as '1295'. What is the code for 'K' in the given code language?

Ans

✗ 1. 4

✓ 2. 1

✗ 3. 5

✗ 4. 2

Q.38 Which financial institution was established by the 74th Constitutional Amendment, 1992, to review the finances of Urban Local Government Bodies?

Ans

✗ 1. Municipal Treasury Board

✗ 2. Urban Taxation Authority

✓ 3. State Finance Commission

✗ 4. Reserve Bank of India

Q.39 If 56% of a number is equal to $\frac{5}{9}$ of another number, then what is the ratio of the first number to the second number?

Ans

✗ 1. 123 : 128

✗ 2. 128 : 125

✗ 3. 130 : 131

✓ 4. 125 : 126

Q.40 The simplified value of 81 - 4 × (5 + 2) + 54 is:

Ans

✗ 1. 108

✗ 2. 110

✓ 3. 107

✗ 4. 114

Q.41 During the Gupta Empire, the terms 'Chata' and 'Bhata' were used for _____.

Ans
- ✗ 1. elephant riders
- ✗ 2. military spies
- ✓ 3. regular and irregular troops
- ✗ 4. priestly warriors

Q.42 What happens when you press 'Enter' while working with a bullet or numbered list in MS Word 365?

Ans
- ✗ 1. It converts the list into plain text.
- ✗ 2. It deletes the previous bullet or number.
- ✓ 3. It creates a new list item with the same bullet or number.
- ✗ 4. It restarts numbering automatically.

Q.43 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. NQL
- ✓ 2. EHB
- ✗ 3. KNI
- ✗ 4. HKF

Q.44 A, B, C, D, E, F, and G are sitting around a circular table facing the centre.
Only one person sits between G and E when counted from the right of G. Only one person sits between E and B. Only one person sits between G and F. Only two people sit between C and B. Only one person sits between D and F.
How many people sit between A and D when counted from the right of D?

Ans
- ✗ 1. One
- ✗ 2. Three
- ✗ 3. Four
- ✓ 4. Two

Q.45 Which law permitted widow remarriage in India?

Ans
- ✗ 1. Equality Law Act, 1870
- ✗ 2. Women's Rights Act, 1859
- ✓ 3. Hindu Widow Remarriage Act, 1856
- ✗ 4. Female Protection Act, 1862

Q.46 Birjis Qadr, the son of the deposed Nawab Wajid Ali Shah, was proclaimed the new Nawab of a princely state in which place?

Ans
- ✓ 1. Lucknow
- ✗ 2. Delhi
- ✗ 3. Mysore
- ✗ 4. Madras

Q.47 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12 - 13 - 15 - 30; 14 - 15 - 17 - 34

Ans

✗ 1. 3 - 4 - 5 - 10

✗ 2. 4 - 5 - 7 - 10

✓ 3. 9 - 10 - 12 - 24

✗ 4. 1 - 2 - 4 - 16

Q.48 A car travels 60 km in the first hour, 80 km in the second hour, and 100 km in the third hour. What is the average speed of the car over the 3 hours?

Ans

✗ 1. 85 km/hr

✗ 2. 90 km/hr

✗ 3. 75 km/hr

✓ 4. 80 km/hr

Q.49 A sum of money is to be distributed among A, B, C, and D in the ratio of 14 : 7 : 11 : 10. If C gets ₹196 more than B, how much did A receive?

Ans

✗ 1. ₹684

✓ 2. ₹686

✗ 3. ₹688

✗ 4. ₹685

Q.50 Which of the following is a feature of contract farming in India?

Ans

✗ 1. No involvement of corporations

✓ 2. Fixed buy-back rate by companies

✗ 3. Use of only traditional seeds

✗ 4. Farmers grow food for self-use

Q.51 According to the Reserve Bank of India, as of October 2024, India became the fourth country whose foreign exchange (forex) reserves swelled to $_____ billion.

Ans

✗ 1. 901

✗ 2. 101

✓ 3. 701

✗ 4. 1,000

Q.52 Which country's interim president met with the Iraqi Prime Minister in Qatar in April 2025?

Ans

✗ 1. Lebanon

✗ 2. Jordan

✓ 3. Syria

✗ 4. Iran

Q.53 Let's denote Z as the number of atoms per unit cell, M as the molar mass of the substance, and N_A as Avogadro's number. Which formula is used to calculate the density (d) of a unit cell?

Ans

✓ 1. $d = (Z \times M) / (a^3 \times N_A)$

✗ 2. $d = (Z \times N_A) / (M \times a^3)$

✗ 3. $d = (a^3 \times N_A) / (Z \times M)$

✗ 4. $d = (M \times a^3) / (Z \times N_A)$

Q.54 Each of the digits in the number 63458791 is arranged in the descending order from left to right. The position(s) of how many digits will remain unchanged in the new number thus formed as compared to that in the original number?

Ans
- ✗ 1. Two
- ✗ 2. None
- ✓ 3. One
- ✗ 4. Three

Q.55 In which state of India is the Bhil tribal community found in large numbers?

Ans
- ✗ 1. Odisha
- ✗ 2. Tamil Nadu
- ✗ 3. Kerala
- ✓ 4. Madhya Pradesh

Q.56 If 674 bananas were distributed among three monkeys in the ratio $\frac{17}{2} : \frac{14}{6} : \frac{2}{5}$ respectively, how many bananas did the third monkey get?

Ans
- ✓ 1. 24
- ✗ 2. 23
- ✗ 3. 22
- ✗ 4. 25

Q.57 Nandan had some marbles. When he distributed the marbles equally among 32 children, he found that 4 marbles were left. Had he distributed the marbles equally among 41 children and 48 children, he still would have had 13 and 20 marbles, respectively, left with him. But when he distributed them equally among 53 children, no marble was left. The number of marbles that Nandan initially had may lie between _____.

Ans
- ✗ 1. 7814 and 7824
- ✗ 2. 7794 and 7804
- ✗ 3. 7864 and 7874
- ✓ 4. 7834 and 7854

Q.58 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. F lives on an even numbered floor but not 6. The sum of floors on which C and F live is 9. The sum of floors on which F and E live is 5. A lives immediately below B. How many people live below B?

Ans
- ✗ 1. 3
- ✗ 2. 1
- ✓ 3. 2
- ✗ 4. 4

Q.59 Which site is known for its elaborate dockyard structure?

Ans
- ✓ 1. Lothal
- ✗ 2. Dholavira
- ✗ 3. Harappa
- ✗ 4. Rakhigarhi

Q.60 What is used along with milk to distill the Pithora colours in Pithora painting?

Ans
- ✓ 1. Mahuda
- ✗ 2. Tamarind paste
- ✗ 3. Apple cider
- ✗ 4. Lime juice

Q.61 What was the theme of the 2024 G20 Summit in Brazil?

Ans
- ✗ 1. Inclusive Growth for All
- ✓ 2. Building a Just World and a Sustainable Planet
- ✗ 3. Global Recovery and Resilience
- ✗ 4. Solidarity, Equality, Sustainability

Q.62 Find the value of $7\sec A(1+\sin A)(\sec A-\tan A)-4$.

Ans
- ✗ 1. 7
- ✓ 2. 3
- ✗ 3. 10
- ✗ 4. 4

Q.63 What is the main function of MS PowerPoint?

Ans
- ✗ 1. Editing photos
- ✓ 2. Creating and presenting slideshows
- ✗ 3. Browsing the internet
- ✗ 4. Managing emails

Q.64 In which year was the Right to Property removed from the Fundamental Rights of the Constitution of India?

Ans
- ✓ 1. 1978
- ✗ 2. 1976
- ✗ 3. 1986
- ✗ 4. 1952

Q.65 What should come in place of the question mark (?) in the given series?

1112 1120 1130 1142 1156 ?

Ans
- ✗ 1. 1168
- ✓ 2. 1172
- ✗ 3. 1170
- ✗ 4. 1174

Q.66 Which industries commonly used Tetrachloromethane as a degreasing agent?

Ans
- ✗ 1. Textile industries
- ✗ 2. Food processing industries
- ✓ 3. Manufacturing and mechanical industries
- ✗ 4. Bottling industries

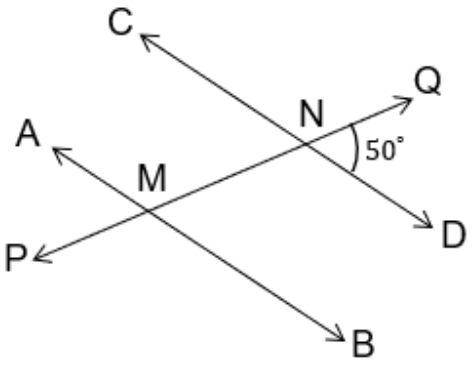
Q.67 In MS PowerPoint, which of the following keyboard combinations is used to create a new blank presentation?

Ans
- ✗ 1. Ctrl + O
- ✓ 2. Ctrl + N
- ✗ 3. Ctrl + E
- ✗ 4. Ctrl + B

Q.68 If the length of a cuboid is 33 cm, breadth is 4 cm and volume is 7524 cm^3, then find the height (in cm) of the cuboid.

Ans
- ✗ 1. 60
- ✓ 2. 57
- ✗ 3. 54
- ✗ 4. 67

Q.69 In the given figure, AB and CD are two parallel lines and PQ is a transversal line. Find the measure of ∠PMB.



Ans
- ✗ 1. 50°
- ✗ 2. 100°
- ✓ 3. 130°
- ✗ 4. 120°

Q.70 **A sells a smartphone to B at a loss of 60% and B sells the smartphone to C at a profit of 25%. If C purchased the smartphone for ₹42,206, then what was the cost (in ₹) of the smartphone for A?**

Ans
- ✓ 1. 84,412
- ✗ 2. 84,415
- ✗ 3. 84,407
- ✗ 4. 84,406

Q.71 **A pipe can fill a tank in 27 hours. Another pipe can empty the filled tank in 28 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be one-fourth filled, is:**

Ans
- ✗ 1. 567
- ✗ 2. 378
- ✗ 3. 756
- ✓ 4. 189

Q.72 **The population of a village was 1,20,000. It increased by 10% in the first year and increased by 30% in the second year. Its population after two years is _____.**

Ans
- ✗ 1. 1,68,000
- ✗ 2. 1,32,000
- ✓ 3. 1,71,600
- ✗ 4. 1,56,000

Q.73 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✓ 1. IPVX
- ✗ 2. SZEH
- ✗ 3. GNSV
- ✗ 4. NUZC

Q.74 **The percentage profit earned by selling a table lamp for ₹863 is equal to the percentage loss incurred by selling the same table lamp for ₹433. At what price (in ₹) should the table lamp be sold to make 25% profit?**

Ans
- ✗ 1. 812
- ✓ 2. 810
- ✗ 3. 811
- ✗ 4. 813

Q.75 The mean of a data is 76 and its median is 100. The mode (using empirical relation) of the data is:

Ans
- ✔ 1. 148
- ✘ 2. 60
- ✘ 3. 174
- ✘ 4. 77

Q.76 Dhordo, the venue of Rann Utsav (from December, 2024 to February, 2025), is located in which Indian state and near what geographical feature?

Ans
- ✘ 1. Rajasthan – Thar Desert
- ✘ 2. Punjab – Sutlej Basin
- ✘ 3. Maharashtra – Western Ghats
- ✔ 4. Gujarat – Rann of Kutch

Q.77 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Only five people have exams between Q and T. U has the exam on Thursday. S has the exam immediately before V. R has the exam immediately before Q.

How many people have exams between V and P?

Ans
- ✔ 1. One
- ✘ 2. Three
- ✘ 3. Four
- ✘ 4. Two

Q.78 $If\ \frac{x+1}{x} = 11\ then\ \frac{x^2+1}{x^2}\ is:$

Ans
- ✔ 1. 119
- ✘ 2. 129
- ✘ 3. 114
- ✘ 4. 112

Q.79 The sum of nine times the present age of A and eight times the present age of B is 29 years. Two times the present age of B exceeds two times the present age of A by 20 years. What will be the sum of the ages (in years) of A and B, 6 years from now?

Ans
- ✘ 1. 14
- ✘ 2. 10
- ✔ 3. 16
- ✘ 4. 12

Q.80 Which city hosted the 18th Pravasi Bharatiya Divas Convention in January 2025?

Ans
- ✘ 1. Hyderabad
- ✘ 2. Lucknow
- ✘ 3. New Delhi
- ✔ 4. Bhubaneswar

Q.81 Disinvestment was adopted as a tool for privatisation in India. Which of the following options best defines disinvestment?

Ans
- ✘ 1. Sale of public assets to foreign governments
- ✘ 2. Increase in public borrowing
- ✔ 3. Selling government stakes in public sector enterprises
- ✘ 4. Purchase of private companies by the gover

Q.82 **Which of the following best explains the functional diversity of RNA molecules in cells?**

Ans

✗ 1. Their ability to form double-stranded helical structures

✗ 2. Their linear sequence of deoxyribonucleotides

✓ 3. Their capability to act as adapter, structural and catalytic molecules

✗ 4. Their permanent role as genetic material

Q.83 **In January 2025, who was honoured with the Padma Shri for developing the HRMN-99 variety of apples?**

Ans

✓ 1. Hariman Sharma

✗ 2. GS Randhawa

✗ 3. Rajesh Rajan

✗ 4. Ramesh Pokhriyal

Q.84 **Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.**
QRH MPG INF ELE ?

Ans

✗ 1. AHE

✓ 2. AJD

✗ 3. BHD

✗ 4. AJE

Q.85 **What type of engine is used in the Hansa NG trainer aircraft launched in April 2025?**

Ans

✗ 1. Continental IO-360 engine

✓ 2. Rotax 912 iSc3 Sports engine

✗ 3. Lycoming O-320 engine

✗ 4. Pratt & Whitney PT6 engine

Q.86 **JROK is related to HPMI in a certain way based on the English alphabetical order. In the same way, GOLH is related to EMJF. To which of the given options is DLIE related, following the same logic?**

Ans

✗ 1. BJCG

✓ 2. BJGC

✗ 3. JBCG

✗ 4. JBGC

Q.87 **If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?**

37 S (28 Q 7) P 5 R 4 P 6 S 21 = ?

Ans

✗ 1. 43

✓ 2. 54

✗ 3. 69

✗ 4. 76

Q.88 **At what rate (in percentage) per annum will ₹1,250 give ₹500 as simple interest in 10 years?**

Ans

✗ 1. 6%

✓ 2. 4%

✗ 3. 3%

✗ 4. 7%

Q.89 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 & 9 ^ # 1 * 5 ≺ 2 6 ≡ 4 ∆ 3 $ @ 8 (Right)

If all the symbols are dropped from the series, which of the following will be fifth from the right?

Ans

✗ 1. 5

✓ 2. 2

✗ 3. 6

✗ 4. 1

Q.90 Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only two people sit to the left of S. Only three people sit between S and B. T sits second to the right of S. Only two people sit between T and M. L sits at some place to the right of A but at some place to the left of N.
How many people sit to the right of L?

Ans

✓ 1. Three

✗ 2. Two

✗ 3. One

✗ 4. Four

Q.91 Two trains having lengths of 100 m and 500 m are running at speeds of 100 km/hr and 110 km/hr, respectively, in the same direction. The time taken (in minutes) by the faster train, coming from behind, to completely cross the other train is:

Ans

✗ 1. 9.3

✗ 2. 1.4

✓ 3. 3.6

✗ 4. 6

Q.92 In covering a distance of 90 km, Anirudh takes 3 hours more than Burhan. If Anirudh doubles his speed, then he would take 2 hours less than Burhan. Anirudh's initial speed is:

Ans

✗ 1. 18 km/hr

✗ 2. 6 km/hr

✓ 3. 9 km/hr

✗ 4. 2 km/hr

Q.93 In which year did the government of India launch the Aatma Nirbhar Bharat Campaign?

Ans

✗ 1. 2019

✗ 2. 2022

✗ 3. 2021

✓ 4. 2020

Q.94 Who among the following was appointed as Ombudsman and Ethics Officer of the Board of Control for Cricket in India in January 2025?

Ans

✗ 1. Justice Joymalya Bagchi

✓ 2. Justice Arun Mishra

✗ 3. Justice Ashish Naithani

✗ 4. Justice Harish Tandon

Q.95 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. E is kept immediately above G. C is kept immediately above D. Only B is kept above F. Only two boxes are kept above E. C is not kept at the third position from the bottom. How many boxes are kept above C?

Ans

✗ 1. 3

✗ 2. 4

✗ 3. 2

✓ 4. 5

Q.96 Which of the following statements is INCORRECT about the Fundamental Rights of the Indian Constitution?

Ans

✗ 1. These may be enforced by the courts.

✓ 2. These are absolute.

✗ 3. Cultural and educational rights are fundamental rights.

✗ 4. These are subject to reasonable restriction.

Q.97 The Coromandel Coast is located along which part of India?

Ans

✓ 1. Southern East coast

✗ 2. Northern West coast

✗ 3. Northern East coast

✗ 4. Southern West coast

Q.98 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 4 2 1 6 9 & © 2 $ % 6 & $ $ * 5 @ £ 1 8 @ # (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans

✓ 1. 5

✗ 2. 4

✗ 3. 6

✗ 4. 7

Q.99 TLOS is related to NFIM in a certain way based on the English alphabetical order. In the same way, VNQU is related to PHKO. To which of the given options is XPSW related, following the same logic?

Ans

✗ 1. JRQM

✓ 2. RJMQ

✗ 3. RJQM

✗ 4. JRMQ

Q.100 If $x^2 + \frac{1}{x^2} = 83, x > 0$, then find the value of $x^3 - \frac{1}{x^3}$.

Ans

✗ 1. 656

✗ 2. 820

✗ 3. 720

✓ 4. 756

Test Date	21/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1	**Which river is associated with the Mohenjo-daro site?**
Ans	✗ 1. Saraswati
	✗ 2. Ganga
	✗ 3. Yamuna
	✓ 4. Indus

Q.2	**Under which provision can the Governor extend judicial service rules to certain magistrates?**
Ans	✗ 1. Article 234
	✗ 2. Article 142
	✗ 3. Article 233
	✓ 4. Article 237

Q.3	**Which moderate leader, often referred to as the 'Grand Old Man of India,' became the first Indian elected to the British House of Commons and helped shape the early nationalist movement?**
Ans	✓ 1. Dadabhai Naoroji
	✗ 2. Rash Behari Ghosh
	✗ 3. Gopal Krishna Gokhale
	✗ 4. Pherozeshah Mehta

Q.4	**Which of the following correctly differentiates between absolute poverty and relative poverty?**
Ans	✗ 1. There is no difference between the two.
	✗ 2. Absolute poverty is subjective; relative poverty is objective.
	✗ 3. Absolute poverty is based on income inequality; relative poverty is not.
	✓ 4. Absolute poverty uses a fixed threshold; relative poverty compares individuals within a society.

Q.5	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Left) 7 & 9 ^ # 1 * 5 ≺ 2 6 ≡ 4 ∆ 3 $ @ 8 (Right) How many such symbols are there, each of which is immediately preceded by an odd number but NOT immediately followed by an even number? (Note: a combination of three elements should be considered while answering this question.)
Ans	✗ 1. Two
	✗ 2. Three
	✗ 3. One
	✓ 4. More than three

Q.6	Which of the following mountain ranges contains the 'Valley of Flowers' National Park?
Ans	✗ 1. Pir Panjal
	✗ 2. Karakoram
	✗ 3. Dhauladhar
	✓ 4. West Himalaya

Q.7	Which Indian bank become the first to launch near-real-time, 24/7 programmable USD clearing capabilities using JP Morgan's Kinexys Digital Payments platform in March 2025?
Ans	✓ 1. Axis Bank
	✗ 2. Indian Bank
	✗ 3. Bandhan Bank
	✗ 4. State Bank of India

Q.8	During summer, the Thar Desert becomes a low-pressure zone due to which of the following?
Ans	✓ 1. Intense solar heating
	✗ 2. Frontal cyclones
	✗ 3. Western disturbances
	✗ 4. Coastal humidity

Q.9	What is the length of the hyperloop test track launched by IIT Madras in 2025?
Ans	✗ 1. 1 km
	✗ 2. 100 m
	✓ 3. 422 m
	✗ 4. 10 km

Q.10	Find the value of $\left[\frac{2\cos A}{(1-\sin A)}+\frac{2\cos A}{(1+\sin A)}\right]\times 3\sqrt{\sec^2 A-1}$.
Ans	✓ 1. 12 secAtanA
	✗ 2. 4 secA
	✗ 3. 18 secAtanA
	✗ 4. 12 tanA

Q.11	For which discovery was Paul Ehrlich awarded the Nobel Prize in Medicine in 1908?
Ans	✗ 1. Antibacterial effect of sulpha drugs
	✗ 2. Penicillin for treating infections
	✓ 3. Theoretical basis for immunology
	✗ 4. Use of azodyes in textiles

Q.12	**Which statement best explains why removing all desktop icons does NOT impact the functionality of the applications in Windows OS?**
Ans	✗ 1. The desktop is a virtual memory area where applications run in the background.
	✗ 2. Desktop icons are system-critical files required to run applications.
	✓ 3. Desktop icons are only visual shortcuts and not the actual application files.
	✗ 4. Windows OS duplicates all application files in the desktop directory.

Q.13	**Anand purchased an item and incurred ₹127 in repair expenses. Subsequently, he sold it to Bharath with a 52% profit. Eventually, Bharath sold the item for ₹4,788, making a 44% loss. What was the original cost (in ₹) of the item for Anand?**
Ans	✓ 1. 5,498
	✗ 2. 5,523
	✗ 3. 5,625
	✗ 4. 5,628

Q.14	**What is the longitudinal extent of India?**
Ans	✓ 1. 68°7′E to 97°25′E
	✗ 2. 66°30′E to 98°00′E
	✗ 3. 69°10′E to 96°15′E
	✗ 4. 70°00′E to 95°30′E

Q.15	**Which force acts without physical contact and governs celestial body motion in mechanics?**
Ans	✗ 1. Spring force
	✗ 2. Friction
	✓ 3. Gravitational force
	✗ 4. Tension

Q.16	**A man receives ₹6,150 per month as salary. He saves 46% of his salary every month. His expenditure per month is:**
Ans	✓ 1. ₹3,321
	✗ 2. ₹3,260
	✗ 3. ₹3,295
	✗ 4. ₹3,371

Q.17	**A right triangle with sides 9 cm, 12 cm and 15 cm is rotated about the side of 9 cm to form a cone. The volume (in cm^3) of the cone so formed is:**
Ans	✗ 1. 320π
	✗ 2. 421π
	✗ 3. 324π
	✓ 4. 432π

Q.18	**A class of 30 students appeared in a test. The average score of 12 students is 70, and that of the rest is 64. What is the average score of the class?**
Ans	✓ 1. 66.4
	✗ 2. 67.4
	✗ 3. 65.4
	✗ 4. 64.4

Q.19	If A's salary is 17% more than that of B, then by what percentage is B's salary less than that of A (rounded off to two decimal places)?
Ans	✗ 1. 16.39%
	✗ 2. 11.57%
	✓ 3. 14.53%
	✗ 4. 17.11%

Q.20	A dealer purchased a water heater for ₹2,107. After allowing a discount of 79% on its marked price, he still gains 89%. Find the marked price of the water heater.
Ans	✗ 1. ₹19,065
	✗ 2. ₹18,987
	✗ 3. ₹18,948
	✓ 4. ₹18,963

Q.21	If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation? 81 S 28 R 39 S (98 Q 7) = ?
Ans	✗ 1. 72
	✗ 2. 96
	✓ 3. 84
	✗ 4. 68

Q.22	In 2024, India hosted its first and largest multinational air combat exercise, marking a significant milestone in its defence diplomacy. What was the name of this exercise?
Ans	✗ 1. Exercise Shakti
	✗ 2. Exercise Yudh Abhyas
	✓ 3. Exercise Tarang Shakti
	✗ 4. Exercise Vayu Shakti

Q.23	What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	31	34	13	19	30	28	29

Ans	✗ 1. 23.58
	✗ 2. 17.36
	✗ 3. 39.33
	✓ 4. 26.25

Q.24	Who were the defending champions at the 15th Hockey India Senior Women National Championship 2025?
Ans	✗ 1. Hockey Maharashtra
	✗ 2. Hockey Punjab
	✗ 3. Hockey Haryana
	✓ 4. Hockey Jharkhand

Q.25	Jagoi and Cholom are the two main divisions of which of the following classical dance forms?
Ans	✗ 1. Odissi
	✓ 2. Manipuri
	✗ 3. Kuchipudi
	✗ 4. Kathak

Q.26	**Which of the following was NOT a provision of the Rowlatt Act, which was introduced by the British government to curb political dissent in India?**
Ans	✗ 1. Arrest without trial
	✗ 2. Censorship of press
	✓ 3. Restricitions on freedom of expression
	✗ 4. Arrest of political leaders without warrants

Q.27	**Why is the common cold rarely considered a lower respiratory tract infection?**
Ans	✗ 1. It requires a vector for lower tract transmission.
	✓ 2. Rhinoviruses only infect the upper respiratory tract.
	✗ 3. Antibodies prevent it from entering the lungs.
	✗ 4. The virus is destroyed in the alveoli.

Q.28	**Given the cubic equation: $x^3 - 3x^2 + 4x - 12 = 0$. Find the sum of the products of the roots taken two at a time.**
Ans	✗ 1. 12
	✗ 2. −3
	✓ 3. 4
	✗ 4. 3

Q.29	**F, G, H, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. J lives immediately above L. Only two people live between F and L. F lives on an odd numbered floor. H lives immediately below K. How many people live between G and K?**
Ans	✗ 1. Four
	✓ 2. Two
	✗ 3. One
	✗ 4. Three

Q.30	**Which of the following physical factors influences the compactness of rural settlements in dry regions like Rajasthan?**
Ans	✗ 1. Groundwater salinity
	✗ 2. Altitude
	✓ 3. Availability of water
	✗ 4. Soil fertility

Q.31	**Which of the following Acts allowed the Crown to take over governance from the East India Company?**
Ans	✗ 1. Charter Act, 1813
	✓ 2. Government of India Act, 1858
	✗ 3. Indian Councils Act, 1861
	✗ 4. Ilbert Bill, 1883

Q.32	The average of three numbers is 154. The first number is twice the second and the second number is twice the third. What is the first number?
Ans	✗ 1. 252
	✗ 2. 268
	✗ 3. 258
	✓ 4. 264

Q.33	In this question, a group of numbers/symbols are coded using letter codes as per the codes given below and the conditions that follow. The correct combination of codes (following only the condition/s that apply) is your answer. Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table. **Number/symbol**: 4 # $ 7 9 2 6 @ 3 & 5 + % 8 **Code**: B W Q C A T J N P D G E Y S Conditions: (i) If the first element is a number and the last element is a symbol, then the codes for the first and last element are interchanged. (ii) If the first element is divisible by 2 and the last element is divisible by 3, then the first and last elements are to be coded *. (iii) If the first element is a symbol and the last element is an even number, then their codes (i.e. first and last element) are to be changed to the code for 3. What is the code for the following? @&238
Ans	✗ 1. NDTPS
	✗ 2. NDTPP
	✓ 3. PDTPP
	✗ 4. PDTPS

Q.34	This question is based on the five, three-digit numbers given below. (Left) 325 503 158 391 144 (Right) (Example- 697 – First digit = 6, second digit = 9 and third digit = 7) (NOTE: All operations to be done from left to right.) What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?
Ans	✗ 1. 3
	✗ 2. 4
	✓ 3. 1
	✗ 4. 2

Q.35	There is a polygon of 10 sides. How many triangles can be drawn using the vertices of the polygon?
Ans	✗ 1. 125
	✗ 2. 115
	✓ 3. 120
	✗ 4. 150

Q.36	What subject does 'To the Success of Our Hopeless Cause' by Benjamin Nathans explore, which earned it the Pulitzer for General Nonfiction?
Ans	✗ 1. Rise of AI
	✗ 2. Environmental collapse
	✗ 3. American healthcare crisis
	✓ 4. Soviet dissident movement

Q.37	Which of the following Articles of the Indian Constitution states about the appointment of the Advocate General for the State?
Ans	✗ 1. Article 163
	✗ 2. Article 162
	✗ 3. Article 164
	✓ 4. Article 165

Q.38	**72 is related to 9 following a certain logic. Following the same logic, 24 is related to 3. To which of the following is 64 related, following the same logic?** **(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)**
Ans	✗ 1. 6
	✓ 2. 8
	✗ 3. 7
	✗ 4. 9

Q.39	**In one hour, a boat goes 47 km/hr in the direction of the stream and 19 km/hr against the direction of the stream. What will be the speed of the current?**
Ans	✓ 1. 14 km/hr
	✗ 2. 20 km/hr
	✗ 3. 19 km/hr
	✗ 4. 11 km/hr

Q.40	**The curved surface area of a cylinder is half of its total surface area. If its height is 53 cm, then find its radius (in cm).**
Ans	✓ 1. 53
	✗ 2. 49
	✗ 3. 47
	✗ 4. 59

Q.41	**If 2 is added to each even digit and 2 is subtracted from each odd digit in the number 6597423, what will be the sum of all the even digits in the new number thus formed?**
Ans	✗ 1. 20
	✗ 2. 14
	✗ 3. 16
	✓ 4. 18

Q.42	**What should come in place of the question mark (?) in the given series?** **135 123 109 93 75 ?**
Ans	✗ 1. 65
	✓ 2. 55
	✗ 3. 45
	✗ 4. 75

Q.43	**Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?** **# : PKN :: TOR : %**
Ans	✓ 1. # = KFI, % = YTW
	✗ 2. # = KFL, % = YPG
	✗ 3. # = KPJ, % = YOJ
	✗ 4. # = LJY, % = YVX

Q.44	If $x + \frac{1}{x} = \sqrt{5},\ x > 0,$ find the value of $x^4 + \frac{1}{x^4}$.
Ans	✓ 1. 7
	✗ 2. 3
	✗ 3. 10
	✗ 4. 9

Q.45	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	✗ 1. GLOS
	✓ 2. EJNQ
	✗ 3. ZEHL
	✗ 4. YDGK

Q.46	Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only five people sit between T and A. N sits to the immediate left of A. Only one person sits between N and L. M sits at some place to the left of S but at some place to the right of B. Who sits third from the left end of the line?
Ans	✗ 1. A
	✗ 2. T
	✓ 3. M
	✗ 4. B

Q.47	In a certain code language, 'please go down' is coded as 'ta wk vb' and 'down the drain' is coded as 'cm dg wk'. How is 'down' coded in the given language?
Ans	✗ 1. vb
	✗ 2. cm
	✗ 3. dg
	✓ 4. wk

Q.48	The mode of the observations 20, 20, 20, 35, 29, 34, 25, 33, 35, 32, 33, 27, 22, 31 and 31 is:
Ans	✓ 1. 20
	✗ 2. 29
	✗ 3. 34
	✗ 4. 35

Q.49	Two taps, X and Y, can fill a tank in 12 hours and 24 hours, respectively. If both the taps are open, then due to leakage, it takes 30 minutes more to fill the tank. If the tank is full, how long will it take for the leakage alone to empty the tank?
Ans	✗ 1. 100 hours
	✗ 2. 75 hours
	✗ 3. 36 hours
	✓ 4. 136 hours

Q.50	Who defeated Rudrankksh Patil and Arya Borse in the gold medal match of the 10 m Air Rifle Mixed Team event at ISSF World Cup 2025?
Ans	✗ 1. A team from China
	✓ 2. A team from Norway
	✗ 3. A team from the USA
	✗ 4. A team from Germany

Q.51	KORJ is related to DHKC in a certain way based on the English alphabetical order. In the same way, IMPH is related to BFIA. To which of the given options is NRUM related, following the same logic?
Ans	✗ 1. KGFN
	✓ 2. GKNF
	✗ 3. KGNF
	✗ 4. GKFN

Q.52	According to the Census of India, what was the approximate decadal growth rate of India's population during 2001-2011?
Ans	✗ 1. 21.3%
	✓ 2. 17.6%
	✗ 3. 25.6%
	✗ 4. 14.9%

Q.53	In the case of 'Ashwini Kumar Upadhyay vs Union of India (November 2024)', the Supreme Court dismissed a plea related to:
Ans	✗ 1. Uniform Civil Code for all Indian citizens
	✓ 2. constitutional validity of adding 'socialist' and 'secular' to the Preamble
	✗ 3. reservation for economically weaker sections (EWS) in jobs and education
	✗ 4. validity of Article 370 and special constitutional provisions

Q.54	If 1 is added to each even digit and each odd digit in the number 76341528, what will be the sum of all the odd digits in the new number thus formed?
Ans	✗ 1. 28
	✗ 2. 22
	✓ 3. 24
	✗ 4. 26

Q.55	What is the maximum strength of the Deputy Governors of Reserve Bank of India, according to the Reserve Bank of India Act, 1934?
Ans	✗ 1. Two Deputy Governors
	✓ 2. Four Deputy Governors
	✗ 3. Three Deputy Governors
	✗ 4. Five Deputy Governors

Q.56	Which of the following key combinations is used to paste copied content?
Ans	✗ 1. Ctrl + P
	✓ 2. Ctrl + V
	✗ 3. Ctrl + K
	✗ 4. Ctrl + B

Q.57	Which of the following films won the Best Picture award at the 2025 Oscars?
Ans	✓ 1. Anora
	✗ 2. Conclave
	✗ 3. Wicked
	✗ 4. The Brutalist

Q.58	Jyotiba Phule was remembered on his birth anniversary on 11th April 2025 for which of the following major contributions to Indian society?
Ans	✗ 1. Writing the Indian Constitution
	✗ 2. Launching India's first cooperative bank
	✗ 3. Leading the 1857 revolt
	✓ 4. Founding the first girls' school in India

Q.59	What should come in place of the question mark (?) in the given series? 1212 1220 1230 1242 1256 ?
Ans	✔ 1. 1272
	✘ 2. 1274
	✘ 3. 1268
	✘ 4. 1270

Q.60	Which of the following is the greatest number that divides 59 and 133 and leaves 5 and 7 as respective remainders?
Ans	✔ 1. 18
	✘ 2. 22
	✘ 3. 19
	✘ 4. 20

Q.61	A pipe can fill a tank in 12 hours. Another pipe can empty the filled tank in 21 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be half filled, is:
Ans	✘ 1. 28
	✔ 2. 14
	✘ 3. 15
	✘ 4. 29

Q.62	Mr. X starts from Point L and drives 5 km towards the east. He then takes a right turn, drives 6 km, turns right and drives 9 km. He then takes a right turn and drives 2 km, turns left, drives 4 km. He takes a final right turn, drives 4 km and stops at Point O. How far (shortest distance) and towards which direction should he drive in order to reach Point L again? (All turns are 90-degree turns only unless specified.)
Ans	✔ 1. 8 km towards the east
	✘ 2. 2 km towards the north
	✘ 3. 7 km towards the west
	✘ 4. 2 km towards the south

Q.63	In a certain code language, 'GATE' is coded as '3647' and 'WING' is coded as '1265'. What is the code for 'G' in the given code language?
Ans	✘ 1. 3
	✘ 2. 5
	✔ 3. 6
	✘ 4. 7

Q.64	A man walks to a viewpoint and returns to the starting point by his car and thus takes a total time of 8 hours 15 minutes. He would have gained 5 hours by driving both ways. How long would he have taken to walk both ways?
Ans	✘ 1. 13 hours 45 minutes
	✘ 2. 14 hours 30 minutes
	✘ 3. 12 hours 15 minutes
	✔ 4. 13 hours 15 minutes

Q.65	**In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.** **ARCE - CARE - ECRA** **POLE - LPOE - ELOP**
Ans	✔ 1. WORM - RWOM - MROW
	✘ 2. BING - IBNG - GINB
	✘ 3. ZEAP - AZEP - EAPZ
	✘ 4. SAFE - SFAE - EFAS

Q.66	**When one-third of a number is increased by 10, the result is 65. Find the sum of the digits of the original number.**
Ans	✘ 1. 9
	✘ 2. 14
	✘ 3. 11
	✔ 4. 12

Q.67	**On 24-25 February 2025, where did the International Conference on Carbon Markets Prakriti 2025 take place?**
Ans	✘ 1. Chennai
	✘ 2. Kolkata
	✔ 3. New Delhi
	✘ 4. Mumbai

Q.68	**Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?** **(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)**
Ans	✘ 1. NU – PX
	✔ 2. KR – NU
	✘ 3. EL – GO
	✘ 4. AH – CK

Q.69	**Which of the following is the equivalent ratio of 6 : 4?**
Ans	✔ 1. 60 : 40
	✘ 2. 66 : 56
	✘ 3. 61 : 41
	✘ 4. 62 : 46

Q.70	$Express\ 0.\overline{583}\ in\ the\ form\ \frac{p}{q}\ ,where\ p\ and\ q\ are\ integers\ and\ q\ \neq\ 0.$
Ans	✔ 1. $\frac{583}{999}$
	✘ 2. $\frac{141}{499}$
	✘ 3. $\frac{141}{256}$
	✘ 4. $\frac{277}{333}$

Q.71	How many national waterways have been declared for development under the National Waterways Act, 2016?
Ans	✔ 1. 111
	✘ 2. 100
	✘ 3. 150
	✘ 4. 122

Q.72	Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. U is kept immediately above T. S is kept immediately above D. Only E is kept above G. Only two boxes are kept above U. S is not kept at third position from the bottom. How many boxes are kept between F and E?
Ans	✔ 1. Three
	✘ 2. Two
	✘ 3. One
	✘ 4. Four

Q.73	What is the default file format for saving workbooks in newer versions of MS Excel (e.g., Excel 2019)?
Ans	✘ 1. .pdf
	✘ 2. .xls
	✔ 3. .xlsx
	✘ 4. .csv

Q.74	Where are files and folders typically stored in a computer?
Ans	✘ 1. Keyboard
	✘ 2. Printer
	✔ 3. Hard drive
	✘ 4. Monitor

Q.75	Which of the following correctly describes the composition of the selection committee for the Lokpal?
Ans	✘ 1. President, Prime Minister, Chief Election Commissioner, Lok Sabha Speaker, and a Jurist
	✘ 2. Prime Minister, Home Minister, Chief Justice of India, Attorney General, and Leader of the Opposition
	✔ 3. Prime Minister, Lok Sabha Speaker, Leader of the Opposition, Chief Justice of India, and an eminent jurist nominated by the President
	✘ 4. Prime Minister, Chief Justice of India, Leader of the Opposition, Vice-President, and a Cabinet Minister

Q.76	Which of the following is an example of an open-source desktop Operating System?
Ans	✘ 1. Android
	✔ 2. Linux Ubuntu
	✘ 3. macOS
	✘ 4. Windows 11

Q.77	Which of the following disputes is excluded from the original jurisdiction of the Supreme Court?
Ans	✘ 1. A commercial contract dispute between Gujarat and a private company
	✔ 2. A dispute between Karnataka and Tamil Nadu over water sharing
	✘ 3. A disagreement between Punjab and Haryana over territorial boundaries
	✘ 4. A dispute between Maharashtra and the Centre over a constitutional law issue

Q.78	Who defeated Harshavardhana on the Narmada frontier?
Ans	✗ 1. Rajaraja Chola
	✓ 2. Pulakesin II
	✗ 3. Mahendravarman II
	✗ 4. Narasimhavarman

Q.79	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Left) 6 @ $ 1 8 # 9 % ≺ 2 4 ⩾ 3 ^ 5 & 7 (Right) How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?
Ans	✗ 1. Three
	✗ 2. One
	✓ 3. More than three
	✗ 4. Two

Q.80	Which of the following is/are correct regarding the agricultural sector post the reform period of 1991? 1. Quantitative restrictions on imports of agricultural products to India were fully removed from April 2001. 2. There was a huge increase in the import duties on agricultural products to India after 1991. 3. Due to the export-oriented policy after 1991, there was a shift from production for the domestic market towards production for the export market, with more focus on cash crops than food grains.
Ans	✗ 1. Only 1
	✗ 2. Only 1 and 2
	✓ 3. Only 1 and 3
	✗ 4. Only 2 and 3

Q.81	What is the name of the 2025 tournament won by Vidarbha?
Ans	✓ 1. Ranji Trophy
	✗ 2. Vijay Hazare Trophy
	✗ 3. Indian Premier League
	✗ 4. Syed Mushtaq Ali Trophy

Q.82	What should come in place of the question mark (?) in the given series based on the English alphabetical order? FRO RDA DPM PBY ?
Ans	✗ 1. BKN
	✓ 2. BNK
	✗ 3. BHY
	✗ 4. HBU

Q.83	In a certain code language, A + B means 'A is the son of B', A – B means 'A is the sister of B', A x B means 'A is the wife of B' and A ÷ B means 'A is the father of B'. Based on the above, how is E related to K if 'E ÷ F + G – H x K'?
Ans	✗ 1. Wife's brother's son
	✓ 2. Wife's sister's husband
	✗ 3. Wife's sister's son
	✗ 4. Wife's brother's wife

Q.84	'Maand' is the popular folk music of which state?
Ans	✔ 1. Rajasthan
	✘ 2. Uttar Pradesh
	✘ 3. Maharashtra
	✘ 4. Jharkhand

Q.85	If a sum of ₹6,60,000 is invested for a year at 2% per annum compounded half yearly, then find the compound interest.
Ans	✘ 1. ₹11,987
	✘ 2. ₹12,824
	✔ 3. ₹13,266
	✘ 4. ₹12,931

Q.86	A, B, L, M, S, T and Z are sitting around a circular table facing the centre. Only one person sits between B and L when counted from the left of L. S sits third to the right of Z. M sits third to the left of T. S sits to the immediate right of M. A is not an immediate neighbour of M. How many people sit between A and L when counted from the right of A?
Ans	✘ 1. 2
	✘ 2. 4
	✔ 3. 3
	✘ 4. 1

Q.87	Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::? # : ZTW :: NHK : %
Ans	✘ 1. # = UGF, % = SPR
	✘ 2. # = UKH, % = OHY
	✔ 3. # = UOR, % = SMP
	✘ 4. # = UPL, % = TYF

Q.88	P, A, R, T, L and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. No one lives below R. Only A lives above T. Only two people live between R and P. Y lives on an even numbered floor. R lives on the lowermost floor. How many people live between L and A?
Ans	✘ 1. Zero
	✘ 2. Three
	✔ 3. Two
	✘ 4. One

Q.89	Mr. PQR starts from Point A and drives 9 km towards the north. He then takes a right turn, drives 11 km, turns right and drives 17 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 8 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)
Ans	✘ 1. 5 km to the west
	✘ 2. 7 km to the east
	✔ 3. 1 km to the east
	✘ 4. 3 km to the west

Q.90	Evaluate: 82 × 111
Ans	✗ 1. 9092
	✗ 2. 9202
	✓ 3. 9102
	✗ 4. 9112

Q.91	A total profit of ₹12,200 is to be distributed amongst P, Q, and R such that P : Q = 15 : 4 and Q : R = 3 : 1. The share (in ₹) of R in the profit is:
Ans	✗ 1. 700
	✓ 2. 800
	✗ 3. 650
	✗ 4. 750

Q.92	At what rate (in percentage) per annum on simple interest will a sum of money triple itself in 10 years?
Ans	✓ 1. 20%
	✗ 2. 30%
	✗ 3. 29%
	✗ 4. 19%

Q.93	If 20% of a number is equal to $\frac{3}{4}$ of another number, then what is the ratio of the first number to the second number?
Ans	✓ 1. $15 : 4$
	✗ 2. $13 : 5$
	✗ 3. $20 : 1$
	✗ 4. $10 : 7$

Q.94	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements. Statements: All letters are message. Some messages are emails. No email is a post. Conclusions: (I) No letter is a post. (II) Some emails are letters.
Ans	✗ 1. Both conclusions (I) and (II) follow
	✓ 2. Neither conclusion (I) nor (II) follows
	✗ 3. Only conclusion (II) follows
	✗ 4. Only conclusion (I) follows

Q.95	The Indian textile industry was subjected to discriminatory trade practices. Which of the following policies harmed the Indian textile industry under British rule?
Ans	✗ 1. Free trade within India
	✗ 2. Export subsidies
	✓ 3. Imposition of heavy duties on Indian exports to Britain
	✗ 4. Equal tariffs on imports and exports

Q.96	If $a + b = 70$ and $(a - b)^2 = 208$, find the value of the product of a and b.
Ans	✔ 1. 1173
	✘ 2. 1254
	✘ 3. 1223
	✘ 4. 1240

Q.97	In an isosceles triangle, the vertex angle measures 44°. What is the measure of each of the base angles?
Ans	✘ 1. 58° and 58°
	✘ 2. 65° and 65°
	✔ 3. 68° and 68°
	✘ 4. 64° and 64°

Q.98	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? NR25 MQ36 LP47 KO58 ?
Ans	✘ 1. JM68
	✔ 2. JN69
	✘ 3. JN68
	✘ 4. JM69

Q.99	A man sold an article at a gain of 39%. If he had sold it for ₹558 more, he would have gained 64%. The cost price (in ₹) of the article is:
Ans	✘ 1. 2,230
	✔ 2. 2,232
	✘ 3. 2,231
	✘ 4. 2,233

Q.100	If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 2637458, what will be the sum of the greatest and the smallest digits in the new number thus formed?
Ans	✔ 1. 9
	✘ 2. 8
	✘ 3. 11
	✘ 4. 10

Test Date	23/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **Which Edition of the European Political Community Summit was held in November 2024?**

Ans
✗ 1. 4th
✗ 2. 6th
✗ 3. 7th
✓ 4. 5th

Q.2 **British land revenue policies were deeply exploitative. Under which system were landlords required to pay a fixed revenue regardless of crop yield?**

Ans
✗ 1. Ryotwari
✓ 2. Zamindari
✗ 3. Mahalwari
✗ 4. Indian revenue system

Q.3 **Which prominent Indian freedom fighter was imprisoned in Mandalay Jail, Burma?**

Ans
✓ 1. Bal Gangadhar Tilak
✗ 2. Jawaharlal Nehru
✗ 3. Subhas Chandra Bose
✗ 4. Mahatma Gandhi

Q.4 **Which of the following tribal communities was primarily involved in the Chuar Rebellion in the Jungle Mahals region?**

Ans
✓ 1. Bhumji
✗ 2. Khasis
✗ 3. Bhils
✗ 4. Kols

Q.5 **The Chinese traveler who visited Harsha's court was:**

Ans
✗ 1. I-Tsing
✓ 2. Hiuen Tsang
✗ 3. Fa-Hien
✗ 4. Hao

Q.6 Regarding the 2024 Maharashtra Assembly elections, which of the following statements are correct?

1. The BJP won more than 100 seats.
2. The Congress improved its seat tally compared to 2019.
3. The Shiv Sena (Shinde faction) secured more seats than the Uddhav faction.
4. The Maha Vikas Aghadi (MVA) alliance was successful in forming the government.

Ans
- ✗ 1. Only 1, 2, and 4
- ✗ 2. Only 2 and 3
- ✓ 3. Only 1 and 3
- ✗ 4. Only 3 and 4

Q.7 Which of the following is a disproportionation reaction?

Ans
- ✗ 1. $2Na + Cl_2 \rightarrow 2NaCl$
- ✗ 2. $Zn + HCl \rightarrow ZnCl_2 + H_2$
- ✗ 3. $Cu + HNO_3 \rightarrow Cu(NO_3)_2 + NO_2 + H_2O$
- ✓ 4. $Cl_2 + H_2O \rightarrow HCl + HOCl$

Q.8 In a row of 37 students facing north, Vishesh is 13^{th} from the right end. If Namrata is 10^{th} to the left of Vishesh, what is Namrata's position from the left end of the line?

Ans
- ✗ 1. 11^{th}
- ✗ 2. 12^{th}
- ✓ 3. 15^{th}
- ✗ 4. 14^{th}

Q.9 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: VTP :: KIE : %

Ans
- ✓ 1. # = QOK, % = PNJ
- ✗ 2. # = QNK, % = PUY
- ✗ 3. # = RTK, % = PKJ
- ✗ 4. # = LOY, % = PKJ

Q.10 What is the purpose of Print Preview in MS Excel 365?

Ans
- ✓ 1. To check how the spreadsheet will appear on paper and adjust layout/formatting
- ✗ 2. To delete unnecessary rows/columns
- ✗ 3. To edit cell formulas before printing
- ✗ 4. To convert the spreadsheet into a PDF

Q.11 What should come in place of the question mark (?) in the given series?

1512 1520 1530 1542 1556 ?

Ans
- ✓ 1. 1572
- ✗ 2. 1576
- ✗ 3. 1574
- ✗ 4. 1570

Q.12 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✔ 1. YGIP
- ✘ 2. HPSY
- ✘ 3. AILR
- ✘ 4. NVYE

Q.13 **The famous building 'Qutub Minar' has been built under which style of architecture?**

Ans
- ✘ 1. Mughal Style
- ✔ 2. Mamulek Style
- ✘ 3. Sharqi Style
- ✘ 4. Seljuk Style

Q.14 **Which of the following organisms has the smallest DNA length listed?**

Ans
- ✘ 1. Human haploid cell
- ✔ 2. φ X174 phage
- ✘ 3. Escherichia coli
- ✘ 4. Bacteriophage λ

Q.15 **In December 2024, which government project won the SKOCH Award for excellence in forest management?**

Ans
- ✘ 1. Van Bandhu Kalyan Yojana
- ✘ 2. Green India Mission
- ✔ 3. Nagaland Forest Management Project
- ✘ 4. Social Forestry Schemes of Madhya Pradesh

Q.16 **In the 2024 Jharkhand Assembly elections, how many seats were won by the winning party/coalition and what is the name of the party/coalition?**

Ans
- ✘ 1. 56 seats, JMM-led NDA alliance
- ✔ 2. 56 seats, JMM-led alliance INDIA
- ✘ 3. 45 seats, Bharatiya Janata Party (BJP)
- ✘ 4. 50 seats, Indian National Congress (INC)

Q.17 **The Western Coastal Plains are narrower and lie between which features?**

Ans
- ✔ 1. Western Ghats and Arabian Sea
- ✘ 2. Himalayas and Indian Ocean
- ✘ 3. Vindhya Range and Arabian Sea
- ✘ 4. Eastern Ghats and Bay of Bengal

Q.18 **Mr. GHI starts from Point A and drives 16 km towards the east. He then takes a right turn, drives 18 km, turns right and drives 26 km. He then takes a right turn and drives 26 km. He takes a final right turn, drives 10 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)**

Ans
- ✔ 1. 8 km to the south
- ✘ 2. 4 km to the west
- ✘ 3. 6 km to the west
- ✘ 4. 5 km to the south

Q.19 Which of the given letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?
: GLO :: INQ : %

Ans
✗ 1. # = DFR, % = NPY
✓ 2. # = BGJ, % = NSV
✗ 3. # = BPU, % = MTG
✗ 4. # = EDG, % = MGV

Q.20 Five times the present age of Vashnavi is 18 years more than seven times the present age of Sooraj, and eight times the present age of Sooraj is 17 years less than five times the present age of Vashnavi. What is the sum of the present ages (in years) of Vashnavi and Sooraj?

Ans
✓ 1. 6
✗ 2. 10
✗ 3. 9
✗ 4. 4

Q.21 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

BACK - ABCK - BCKA
MINO - IMNO - MNOI

Ans
✗ 1. RANK - ARNK - ANKR
✗ 2. CLIP - LCIP - PLIC
✗ 3. CAGE - CGAE - EGAC
✓ 4. TEAR - ETAR - TARE

Q.22 The mean of data is 56, and its median is 76. The mode (using empirical relation) of the data is:

Ans
✗ 1. 105
✓ 2. 116
✗ 3. 93
✗ 4. 203

Q.23 Which of the following river basins supports the highest population concentration in India?

Ans
✗ 1. Narmada Basin
✗ 2. Brahmaputra Basin
✓ 3. Ganga Basin
✗ 4. Godavari Basin

Q.24 If $\sqrt{2}\ \text{cosec}A = 2\ \sec A$, find the value of $\tan A \sec A$.

Ans
✓ 1. $\frac{\sqrt{3}}{2}$
✗ 2. 4
✗ 3. $\sqrt{3}$
✗ 4. $\frac{1}{2}$

Q.25 In the three-tier structure of the Panchayati Raj system in India, which body is elected at the grassroots level?

Ans

✗ 1. Block Samiti

✗ 2. Zila Parishad

✓ 3. Gram Panchayat

✗ 4. Panchayat Samiti

Q.26 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	@	4	2	+	8	-	÷	6	7	%	5	$	#	&
Code	P	V	A	R	Z	I	E	H	L	O	J	C	B	Q

Conditions:
If the first and the last elements are symbols, then the codes for these two (the first and the last element) are to be interchanged.
If the third element is a prime number, then the third element is to be coded as γ.
If the fifth element is a multiple of 4, then the fifth element is to be coded as β.
What will be the code for the following group?

4 6 ÷ % 8

Ans

✗ 1. BHEOZ

✗ 2. VHEOZ

✓ 3. VHEOβ

✗ 4. γHYOβ

Q.27 Ashish, Lalita and Pranav started a business in partnership, investing in the ratio of 21 : 9 : 20, respectively. At the end of the year, they earned a profit of ₹84,700, which is 28% of their total investment. How much did Lalita invest (in ₹)?

Ans

✗ 1. ₹54,352

✗ 2. ₹54,498

✗ 3. ₹54,442

✓ 4. ₹54,450

Q.28 Which Article of the Constitution of India provides a right to profess, practice and propagate religion?

Ans

✗ 1. Article 23

✗ 2. Article 24

✗ 3. Article 26

✓ 4. Article 25

Q.29 Which of the following is/are correct with respect to the outcomes of globalisation in the Indian economy?

1. The opening of the economy has led to a rapid decrease in foreign direct investment and foreign exchange reserves.
2. The post-1991 India witnessed a steep decline in its GDP on a continual basis for two decades.
3. The growth of GDP increased from 5.6% during 1980-91 to 8.2% during 2007-12.

Ans

✓ 1. Only 3

✗ 2. Only 2

✗ 3. Only 1 and 2

✗ 4. Only 1 and 3

Q.30 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✔ 1. OSM
✘ 2. RVQ
✘ 3. UYT
✘ 4. JNI

Q.31 A pipe can fill a tank in 8 hours. Another pipe can empty the filled tank in 16 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be three-fourth filled, is:

Ans
✘ 1. 48
✘ 2. 36
✘ 3. 24
✔ 4. 12

Q.32 If 22% of a number is equal to $\frac{4}{9}$th of another number, what is the ratio of the first number to the second number?

Ans
✘ 1. 201 : 98
✘ 2. 198 : 97
✘ 3. 199 : 101
✔ 4. 200 : 99

Q.33 Which of the following caves contain rock cut paintings dating back to the stone age era?

Ans
✘ 1. Ajanta caves
✔ 2. Bhimbetka caves
✘ 3. Barabar caves
✘ 4. Ellora caves

Q.34 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statement:
All grapes are apples.
All apples are kiwis.
Some kiwis are bananas.

Conclusion:
(I) All apples are bananas.
(II) Some kiwis are grapes.

Ans
✘ 1. Neither conclusion (I) nor (II) follows.
✔ 2. Only conclusion (II) follows.
✘ 3. Only conclusion (I) follows.
✘ 4. Both conclusions I and II follow.

Q.35 If $a^2 + b^2 = 179$ and $a \times b = 14$, then find $\frac{(a - b)}{(a + b)}$, where $a > b$.

Ans
✗ 1. $\frac{411}{445}$

✗ 2. $\sqrt{\frac{171}{217}}$

✓ 3. $\sqrt{\frac{151}{207}}$

✗ 4. $\frac{240}{281}$

Q.36 **Which method allows you to create a new text file inside a specific folder in Windows?**

Ans
✓ 1. Open the folder and right-click → New → Text Document

✗ 2. Press Ctrl + F while in the folder.

✗ 3. Start a new task from Task Manager.

✗ 4. Restore a file from the Recycle Bin.

Q.37 **In Windows 11 OS, which command interpreter helps to manage computer's drives (disks, partitions, volumes, or virtual hard disks)?**

Ans
✗ 1. msconfig

✗ 2. regedit

✗ 3. gpedit.msc

✓ 4. diskpart

Q.38 **Which of the following materials is most suitable for making filaments in electric bulbs?**

Ans
✗ 1. Copper

✓ 2. Tungsten

✗ 3. Iron

✗ 4. Aluminium

Q.39 **Which Indian naval ship visited Port Louis, Mauritius, in March 2025 to participate in the 57th National Day celebrations?**

Ans
✗ 1. INS Vikrant

✓ 2. INS Imphal

✗ 3. INS Chennai

✗ 4. INS Kolkata

Q.40 **F, G, H, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only three people live between K and G, where K lives below G. H lives on an odd numbered floor and immediately above K. J lives on one of the floors below F and on one of the floors above L. Who lives on floor numbered 4?**

Ans
✗ 1. F

✗ 2. H

✗ 3. L

✓ 4. J

Q.41 Where was the 2024 G20 Summit held?

Ans
- ✗ 1. Johannesburg, South Africa
- ✓ 2. Rio de Janeiro, Brazil
- ✗ 3. New Delhi, India
- ✗ 4. Rome, Italy

Q.42 If at the same rate of interest, in 2 years, the simple interest is ₹40 and compound interest, compounded annually, is ₹42, then what is the principal (in ₹)?

Ans
- ✓ 1. 200
- ✗ 2. 193
- ✗ 3. 195
- ✗ 4. 204

Q.43 This question is based on the five, three-digit numbers given below.
(Left) 941 915 741 807 776 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

Ans
- ✓ 1. 8
- ✗ 2. 9
- ✗ 3. 11
- ✗ 4. 7

Q.44 Each of the digits in the number 73412968 is arranged in the descending order from left to right. Which of the following digits will be fifth from the right in the new number thus formed?

Ans
- ✓ 1. 6
- ✗ 2. 4
- ✗ 3. 7
- ✗ 4. 3

Q.45 Who among the following wrote the book 'Breaking Rocks and Barrier'?

Ans
- ✗ 1. Arun Shourie
- ✗ 2. Pankaj Mishra
- ✓ 3. Sudipta Sengupta
- ✗ 4. Soumitra Chatterjee

Q.46 Mr. C starts from Point D and drives 3 km towards the west. He then takes a left turn, drives 11 km, turns left and drives 9 km. He then takes a right turn and drives 5 km, turns left drives 7 km. He then takes left turn, drives 16 km. He takes a final left turn drives 9 km and stops at Point E. How far (shortest distance) and towards which direction should he drive in order to reach Point D again? (All turns are 90 degrees turns only unless specified.)

Ans
- ✗ 1. 2 km towards the East
- ✓ 2. 4 km towards the West
- ✗ 3. 2 km towards the West
- ✗ 4. 4 km towards the South

Q.47 The temperatures recorded over five consecutive days in a town were: 28°C, 30°C, 32°C, 31°C, and 29°C. What was the average temperature during these five days?

Ans
✗ 1. 29°C
✓ 2. 30°C
✗ 3. 31°C
✗ 4. 32°C

Q.48 By selling cloth at ₹483/m, a shopkeeper loses 31%. Find the rate (in ₹/m) at which it should be sold so as to earn a profit of 34%.

Ans
✗ 1. 939
✗ 2. 935
✗ 3. 937
✓ 4. 938

Q.49 This question is based on the five, three-digit numbers given below.
(Left) 441 317 999 155 444 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans
✗ 1. −6
✗ 2. −7
✗ 3. −5
✓ 4. −8

Q.50 In which year did the Dutch East India Company establish its factory at Petapuli on the North Coromandel Coast?

Ans
✓ 1. 1606
✗ 2. 1532
✗ 3. 1699
✗ 4. 1457

Q.51 Which ancient civilisations flourished in the Thar Desert area about 5000 years ago?

Ans
✗ 1. Greek Civilisation
✗ 2. Babylonian Civilisation
✗ 3. Egyptian Civilisation
✓ 4. Indus Valley Civilisation

Q.52 This question is based on the five, three-digit numbers given below.
(Left) 107 788 634 346 488 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

Ans
✗ 1. 7
✗ 2. 9
✗ 3. 12
✓ 4. 14

Q.53 **Who is the author of the 2025 novel Dream Count?**

Ans

✔ 1. Chimamanda Ngozi Adichie

✘ 2. Dan Brown

✘ 3. Ocean Vuong

✘ 4. Philip Pullman

Q.54 **In quadrilateral PQRS, the bisectors of ∠R and ∠S meet at point T (inside the quadrilateral), and ∠STR = 8°. If the ratio of ∠P to ∠Q is 7 : 9, then what is the difference between the measures of ∠Q and ∠P?**

Ans

✘ 1. 4°

✘ 2. 7°

✔ 3. 2°

✘ 4. 5°

Q.55 **Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?**

LOK 4, JMI 9, HKG 25, FIE 49, ?

Ans

✘ 1. DGC 169

✔ 2. DGC 121

✘ 3. DFC 121

✘ 4. DGC 81

Q.56 **When initiating a new presentation in MS PowerPoint, which of the following is the most accurate description of the 'Design Ideas' feature's primary function?**

Ans

✘ 1. To automatically populate slides with relevant content based on the presentation topic

✘ 2. To provide real-time collaboration tools for multiple users working on the same presentation simultaneously

✔ 3. To suggest various pre-designed templates and layouts based on the content on the current slide

✘ 4. To automatically translate the presentation content into multiple languages

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Q.57 $\frac{1}{20}$ is what percentage of $\frac{1}{30}$?

Ans

✔ 1. 150%

✘ 2. 300%

✘ 3. 165%

✘ 4. 160%

Q.58 **PSKO is related to ILDH in a certain way based on the English alphabetical order. In the same way, RUMQ is related to KNFJ. To which of the given options is TWOS related, following the same logic?**

Ans

✘ 1. PMLH

✘ 2. MPLH

✔ 3. MPHL

✘ 4. PMHL

Q.59 **Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?**

HL27 GK38 FJ49 EI60 ?

Ans

✘ 1. DG71

✔ 2. DH71

✘ 3. DH72

✘ 4. DG72

Q.60 यदि $\frac{x+1}{x} = 9$ है, तो $\frac{x^2+1}{x^2}$ का मान ज्ञात कीजिए।

Ans
- ✔ 1. 79
- ✘ 2. 72
- ✘ 3. 78
- ✘ 4. 85

Q.61 **In this question, a group of numbers/symbols are coded using letter codes as per the codes given below, and the conditions that follow. The correct combination of codes (following only the condition/s that apply) is your answer.**

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	7	@	6	2	#	%	&	8	9	=	$	3	4	+
Code	E	J	A	H	F	R	B	Y	L	H	Q	T	K	Z

Conditions:
(i) If the first element is an odd number and the last element is also an odd number then the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first and last elements are perfect squares then the code of the 1st and last element is to be that of the preceding number or symbol.
(iii) If the first and last element is a symbol then the first and last element is to be coded as >.

What is the code for the following?

9%+27

Ans
- ✘ 1. LRZHE
- ✘ 2. ERZHE
- ✘ 3. LRZHL
- ✔ 4. ERZHL

Q.62 **When you reuse slides from another presentation in MS PowerPoint 365, which of the following options ensures the imported slides retain their original formatting?**

Ans
- ✘ 1. Import slides as images to lock their look
- ✘ 2. Copy and paste the slides
- ✘ 3. Apply the destination theme after inserting
- ✔ 4. Click 'Keep Source Formatting' in the Reuse Slides pane

Q.63 **Which dynasty replaced the Shungas in Magadha?**

Ans
- ✔ 1. Kanvas
- ✘ 2. Satavahanas
- ✘ 3. Guptas
- ✘ 4. Kushanas

Q.64 **What significant announcement did Vandana Katariya, who holds the record for the most international caps in Indian women's hockey history, make in April, 2025?**

Ans
- ✔ 1. Her retirement from international hockey
- ✘ 2. Her appointment as the captain of the Indian women's hockey team
- ✘ 3. Her participation in the upcoming Olympics
- ✘ 4. Her decision to join a new hockey team

Q.65 **For a regular polygon, the sum of the interior angles is 400% more than the sum of its exterior angles. Each interior angle of the polygon measures x°. What is the value of x?**

Ans
- ✘ 1. 145
- ✘ 2. 135
- ✔ 3. 150
- ✘ 4. 140

Q.66 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

29 S 9 P 3 R 13 P 4 S 55 = ?

Ans
- ✔ 1. 59
- ✘ 2. 27
- ✘ 3. 83
- ✘ 4. 41

Q.67 Find the value of $(0.54)^3 + (0.46)^3$.

Ans
- ✘ 1. 0.2854
- ✘ 2. 0.2584
- ✘ 3. 0.2458
- ✔ 4. 0.2548

Q.68 Start-up culture has grown rapidly in India after the liberalisation. Which ministry leads the implementation of the Start-up India initiative?

Ans
- ✘ 1. Ministry of Finance
- ✘ 2. Ministry of Skill Development
- ✔ 3. Ministry of Commerce and Industry
- ✘ 4. Ministry of MSME

Q.69 Which of the following numbers is divisible by 12?

Ans
- ✘ 1. 2800
- ✘ 2. 2349
- ✘ 3. 1264
- ✔ 4. 2184

Q.70 In May 2025, the management of Palamu Tiger Reserve (PTR) was in talks with TRAFFIC − a joint initiative between World Wildlife Fund and the International Union of Conservation of Nature − to obtain a sniffer dog for _____.

Ans
- ✘ 1. Periyar National Park
- ✔ 2. Betla National Park
- ✘ 3. Gir National Park
- ✘ 4. Kanha National Park

Q.71 According to 2011 census of India, which of the following states/union territories was observed as absence of tribal population?

Ans
- ✘ 1. Maharashtra
- ✘ 2. Kerala
- ✔ 3. Punjab
- ✘ 4. Odisha

Q.72 Hari travels from City A to City B. If Hari drives his car at $\frac{1}{4}$ of his normal speed, then he reaches City B 39 minutes late. Find the time (in minutes) that Hari would take to travel from City A to City B if he drove at his normal speed.

Ans
- ✘ 1. 4
- ✘ 2. 20
- ✔ 3. 13
- ✘ 4. 19

Q.73 The average weight of 14 boys in a class is 40.25 kg and that of the remaining 4 boys is 38 kg. Find the average weight (in kg, rounded off to two decimal place) of all the boys in the class.

Ans
- ✗ 1. 41.75
- ✗ 2. 40.75
- ✓ 3. 39.75
- ✗ 4. 38.75

Q.74 Which Article of the Indian Constitution empowers Parliament to regulate the right of citizenship by law?

Ans
- ✗ 1. Article 10
- ✗ 2. Article 5
- ✓ 3. Article 11
- ✗ 4. Article 14

Q.75 In a certain code language,

'A + B' means 'A is the son of B',
'A – B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

How is S related to H if 'S + D – F × G ÷ H'?

Ans
- ✗ 1. Father's sister's son
- ✗ 2. Father's brother's son
- ✗ 3. Mother's sister's son
- ✓ 4. Mother's brother's son

Q.76 What should come in place of the question mark (?) in the given series?
216, 182, 152, 126, 104, ?

Ans
- ✗ 1. 78
- ✗ 2. 72
- ✗ 3. 81
- ✓ 4. 86

Q.77 Three taps A, B and C together can fill an empty cistern in 20 minutes. Tap A alone can fill it in 50 minutes and tap B alone in 60 minutes. How long will tap C alone take to fill it (in minutes)?

Ans
- ✗ 1. 70
- ✗ 2. 72
- ✗ 3. 80
- ✓ 4. 75

Q.78 If the volume of a right circular cone of height 11 cm is 297π cm^3, find the diameter of its base.

Ans
- ✗ 1. 14 cm
- ✗ 2. 12 cm
- ✗ 3. 25 cm
- ✓ 4. 18 cm

Q.79 In a certain code language, 'SOUP' is coded as '5173' and 'PINT' is coded as '4216'. What is the code for 'P' in the given code language?

Ans
- ✓ 1. 1
- ✗ 2. 4
- ✗ 3. 6
- ✗ 4. 3

Q.80 What type of aircraft did the Indian Air Force contingent include in Exercise INIOCHOS-25?

Ans
- ✔ 1. Su-30 MKI fighters, IL-78 aerial refuelers and C-17 transport aircraft
- ✘ 2. Only Su-30 MKI fighters
- ✘ 3. Only C-17 transport aircraft
- ✘ 4. Only IL-78 aerial refuelers

Q.81 The least number which, when diminished by 7, is divisible by 16, 20, 10 and 27 is:

Ans
- ✔ 1. 2167
- ✘ 2. 2155
- ✘ 3. 2216
- ✘ 4. 2146

Q.82 Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only L sits to the left of S. Only four people sit between L and N. Only M sits between A and B, and A is not an immediate neighbour of N.
Who sits at the extreme right of the line?

Ans
- ✘ 1. A
- ✘ 2. N
- ✘ 3. D
- ✔ 4. T

Q.83 A hemispherical bowl has a 3.5 cm radius. It is to be painted inside as well as outside. Find the cost of painting it at the rate of ₹17 per 10 cm^2.

$(\text{Use } \pi = \frac{22}{7})$

Ans
- ✘ 1. ₹241.8
- ✔ 2. ₹261.8
- ✘ 3. ₹251.8
- ✘ 4. ₹271.8

Q.84 If A's salary is 51% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)?

Ans
- ✘ 1. 36.52%
- ✔ 2. 33.77%
- ✘ 3. 34.80%
- ✘ 4. 32.75%

Q.85 The median of the observations 85, 62, 20, 72, 20, 43, 35, 90, 68, 56 and 79 is:

Ans
- ✔ 1. 62
- ✘ 2. 72
- ✘ 3. 56
- ✘ 4. 68

Q.86 Seven people D, E, F, G, L, M and N are sitting in a row, facing north. Only five people sit between M and L. F sits to the immediate left of L. Only one person sits between F and E. N sits at some place to the left of G but at some place to the right of D. Who sits third from the left end of the row?

Ans
- ✔ 1. N
- ✘ 2. D
- ✘ 3. G
- ✘ 4. F

Q.87 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(29, 53, 24)
(12, 32, 20)

Ans
- ✗ 1. (47, 75, 25)
- ✗ 2. (24, 40, 13)
- ✗ 3. (49, 71, 19)
- ✓ 4. (46, 60, 14)

Q.88 Find the roots of the equation $5x^2 - 11x + 2 = 0$ by factorisation method.

Ans
- ✗ 1. $1, \frac{2}{5}$
- ✓ 2. $\frac{1}{5}, 2$
- ✗ 3. $2, \frac{2}{5}$
- ✗ 4. $5, 2$

Q.89 The simplified value of 74 - 3 × (21 + 15) + 36 is:

Ans
- ✓ 1. 2
- ✗ 2. 11
- ✗ 3. -5
- ✗ 4. 6

Q.90 Which of the following is NOT an elected position under the Panchayati Raj system in India?

Ans
- ✗ 1. Zila Pramukh
- ✗ 2. Pradhan
- ✓ 3. Panchayat Secreatary
- ✗ 4. Sarpanch

Q.91 Which of the following Articles of the Indian Constitution states about the duty of Union Public Service Commission to present its report annually to the President of India?

Ans
- ✗ 1. Article 322
- ✓ 2. Article 323
- ✗ 3. Article 324
- ✗ 4. Article 321

Q.92 Each of the digits in the number 257461398 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and third from the right in the new number thus formed?

Ans
- ✗ 1. 10
- ✗ 2. 11
- ✗ 3. 8
- ✓ 4. 9

Q.93 The selling price of 35 books is equal to the cost price of 28 books. Find the loss or gain percentage.

Ans

✔ 1. 20% loss

✘ 2. $\frac{100}{7}\%$ gain

✘ 3. 20% gain

✘ 4. $\frac{100}{7}\%$ loss

Q.94 Which of the following crops is associated with plantation agriculture in India?

Ans

✘ 1. Bajra

✔ 2. Tea

✘ 3. Wheat

✘ 4. Cotton

Q.95 The Planning Commission was established to steer India's five year plans. Who was the first chairman of the Planning Commission of India?

Ans

✘ 1. CD Deshmukh

✘ 2. Rajendra Prasad

✔ 3. Jawaharlal Nehru

✘ 4. BR Ambedkar

Q.96 In what time (in years) will ₹2,800 fetch an interest of ₹700 at 5% per year simple interest?

Ans

✔ 1. 5

✘ 2. 6

✘ 3. 7

✘ 4. 8

Q.97 A car covers a distance of 1032 km in 8 hours. The speed of a train is double the speed of the car. One-third the speed of the train is equal to the speed of a bike. How much distance will the bike cover in 17 hours?

Ans

✘ 1. 1460 km

✘ 2. 1452 km

✔ 3. 1462 km

✘ 4. 1458 km

Q.98 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 1374526, then what will the sum of the digits which are third from the left and third from the right in the new number thus formed be?

Ans

✘ 1. 8

✘ 2. 14

✘ 3. 11

✔ 4. 16

Q.99 In this question, a group of numbers/symbols are coded using letter codes as per the codes given below, and the conditions that follow. The correct combination of codes (following only the condition/s that apply) is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	7	@	6	2	#	%	&	8	9	=	$	3	4	+
Code	E	J	A	H	F	R	B	Y	L	H	Q	T	K	Z

Conditions:
(i) If the first element is an odd number and the last element is also an odd number, then the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first and last elements are perfect squares, then the code of the 1st and last element are to be interchanged.
(iii) If the first and last element is a symbol, then the first and last element is to be coded as >.

What is the code for the following?

98#@4

Ans
✔ 1. KYFJL
✘ 2. LYFJK
✘ 3. TYFJY
✘ 4. KYFEL

Q.100 A grocer marked his goods at 60% above their cost price and sold them at a discount of X%. If he gained 52% profit, then find the value of X.

Ans
✘ 1. 7
✔ 2. 5
✘ 3. 2
✘ 4. 3

Test Date	23/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1	**Which of the following is a major challenge facing the development of inland waterways in India?**
Ans	✗ 1. Minimal environmental concerns
	✓ 2. Lack of adequate terminal facilities
	✗ 3. High levels of private investment
	✗ 4. Well-established infrastructure

Q.2	**A cistern can be filled with water by a pipe in 10 hours, and it can be emptied by a second pipe in 8 hours. If both the pipes are opened when the cistern is full, the time in which it will be emptied is:**
Ans	✗ 1. 45 hours
	✗ 2. 42 hours
	✗ 3. 44 hours
	✓ 4. 40 hours

Q.3	**Who among the following wrote the book 'I am a Soldier's wife'?**
Ans	✗ 1. Dr. Aishwarya Pandit
	✗ 2. Soumitra Chatterjee
	✗ 3. Namita Gokhale
	✓ 4. Geetika Lidder

Q.4	**Which state had the highest multidimensional poverty index according to the National Multidimensional Poverty Index 2023?**
Ans	✗ 1. Uttar Pradesh
	✓ 2. Bihar
	✗ 3. Rajasthan
	✗ 4. Madhya Pradesh

Q.5	**Firoz ranked 38th from the top and 28th from the bottom in his class. How many students are there in his class?**
Ans	✓ 1. 65
	✗ 2. 66
	✗ 3. 63
	✗ 4. 64

Q.6	A, B, L, M, S, T and Z are sitting around a circular table facing the centre. T sits third to the left of S. M sits second to the left of A. Only S sits between L and M. B is not an immediate neighbour of T. How many people sit between Z and M when counted from the right of Z?
Ans	✗ 1. 1
	✓ 2. 2
	✗ 3. 3
	✗ 4. 4

Q.7	Under its original jurisdiction, the Supreme Court of India can adjudicate disputes between:
Ans	✓ 1. The Centre and one or more states
	✗ 2. A state government and a private corporation
	✗ 3. Two private citizens from different states
	✗ 4. Two municipal corporations of different states

Q.8	A motorist covers a distance of 30 km in 50 minutes by moving at a speed of x km/hr for the first 13 minutes, then moving at the speed of 2x km/hr for the next 25 minutes and then again moving at the speed of x km/hr for the rest of the journey. The value of x is equal to:
Ans	✗ 1. 29
	✗ 2. 27
	✗ 3. 21
	✓ 4. 24

Q.9	The crest of a wave is the point where the disturbance is at:
Ans	✗ 1. constant point
	✗ 2. zero point
	✓ 3. maximum point
	✗ 4. minimum point

Q.10	What happens if you start a new blank presentation while another presentation is already open in MS PowerPoint?
Ans	✗ 1. The slides from the current presentation are copied to the new one.
	✓ 2. A new MS PowerPoint window opens with the blank presentation.
	✗ 3. MS PowerPoint displays an error message.
	✗ 4. The current presentation closes automatically.

Q.11	A student scored the following marks: 78, 85, 69, and 90 in four subjects. What score is required in the fifth subject to achieve an average of 80 marks across all five subjects?
Ans	✗ 1. 88
	✗ 2. 94
	✓ 3. 78
	✗ 4. 82

Q.12 Find the median from the following data.

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	12	16	30	20	17	38	15

Ans	✗ 1. 74 years
	✗ 2. 49 years
	✓ 3. 58 years
	✗ 4. 46 years

Q.13	The shorter side of a rectangle is 21 cm less than the longer side. The numerical value of its area is equal to 7 times the numerical value of its perimeter. What is the length (in cm) of its longer side?
Ans	✗ 1. 56
	✗ 2. 47
	✗ 3. 39
	✓ 4. 42

Q.14	The volume and height of a cylinder are 8470 cm^3 and 2.2 cm, respectively. Find the radius (in cm) of the cylinder. $Use\ \pi = \frac{22}{7}$
Ans	✓ 1. 35
	✗ 2. 44
	✗ 3. 26
	✗ 4. 38

Q.15	Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has the exam immediately after P. R has the exam before S but after V. Q has the exam on Sunday. Only four people have exams between P and U. How many people have exams between V and P?
Ans	✓ 1. One
	✗ 2. Two
	✗ 3. Four
	✗ 4. Three

Q.16	Vikram, Anjali and Raj started a business in partnership, investing in the ratio of 7 : 3 : 20, respectively. At the end of the year, they earned a profit of ₹28,800, which is 25% of their total investment. How much did Anjali invest (in ₹)?
Ans	✗ 1. ₹11,472
	✗ 2. ₹11,564
	✓ 3. ₹11,520
	✗ 4. ₹11,682

Q.17	Which hill station is located in the Nilgiri Hills?
Ans	✗ 1. Darjeeling
	✓ 2. Ooty
	✗ 3. Mussoorie
	✗ 4. Shimla

Q.18	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Left) 5 @ 6 # 8 $ % 1 9 ^ 7 ≺ 2 3 ≽ 4 (Right) How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?
Ans	✗ 1. One
	✗ 2. Three
	✗ 3. Two
	✓ 4. More than three

Q.19	**Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.** **(Note: All numbers are single digit numbers only.)** **(Left) € & % & 5 6 3 1 © 1 4 6 @ £ @ $ 8 8 £ 8 % 1 (Right)** **How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?**
Ans	✗ 1. 2
	✗ 2. 3
	✗ 3. 0
	✓ 4. 1

Q.20	**A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.** **Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.**

Number/symbol	6	÷	7	%	@	+	8	4	-	2	#	3	9	&
Code	P	E	S	H	W	Q	G	T	I	M	Z	A	V	R

Conditions:
If the first element is a prime number and the last element is an even number, then the codes for these two (first and last elements) are to be interchanged.
If the third element is a symbol, then it is to be coded as α.
If both the second and the fourth elements are perfect numbers, then the fourth number is to be coded as the code for the second element.
What will be the code for the following group?

3 ÷ 7 @ 4

Ans	✗ 1. AESWT
	✗ 2. AESWA
	✗ 3. TEAWA
	✓ 4. TESWA

Q.21	X varies inversely as Y and Y varies inversely as Z. In a particular case, $X = \frac{1}{16}$ and $Z = \frac{1}{32}$. What will be the value of X when $Z = 3$?
Ans	✓ 1. 6
	✗ 2. 9
	✗ 3. 8
	✗ 4. 7

Q.22	**The popular music of Bengal, which represents spiritual folk song, is known as:**
Ans	✗ 1. Ovi
	✓ 2. Baul
	✗ 3. Bhakha
	✗ 4. Wanawan

Q.23	**Which of the following statements about the PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme launched in 2024 is/are correct?** **The scheme will remain in force until 31 March 2026.** **One of the key aims of PM E-DRIVE is to provide direct subsidies to petrol and diesel vehicles to improve their fuel efficiency.** **The scheme includes provisions to support the development of EV charging infrastructure.** **PM E-DRIVE focuses exclusively on private vehicle ownership.**
Ans	✗ 1. Only 1, 3 and 4
	✗ 2. Only 1
	✗ 3. 2 and 4
	✓ 4. Only 1 and 3

Q.24	**Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?** **# : MTZ :: KRX : %**
Ans	✗ 1. # = HOU, % = PWP
	✗ 2. # = YOU, % = PWC
	✗ 3. # = HYU, % = PWC
	✓ 4. # = HOU, % = PWC

Q.25	**In October 2024, India and Pakistan agreed to extend the Kartarpur Corridor agreement for how many additional years?**
Ans	✓ 1. 5
	✗ 2. 3
	✗ 3. 10
	✗ 4. 7

Q.26	**What should come in place of the question mark (?) in the given series?** **1312 1320 1330 1342 1356 ?**
Ans	✓ 1. 1372
	✗ 2. 1370
	✗ 3. 1374
	✗ 4. 1368

Q.27	**Where was the 67th Governing Body Meeting of the Asian Productivity Organization (APO) held in May 2025?**
Ans	✗ 1. New Delhi, India
	✗ 2. Bangkok, Thailand
	✓ 3. Jakarta, Indonesia
	✗ 4. Tokyo, Japan

Q.28	**Which of the following is the smallest inhabited island in the Union Territory of Lakshadweep?**
Ans	✗ 1. Minicoy
	✓ 2. Bitra
	✗ 3. Kavaratti
	✗ 4. Agatti

Q.29	The median of the observations 87, 56, 27, 31, 13, 39, 18, 80, 98, 92 and 25 is:
Ans	✗ 1. 25
	✗ 2. 56
	✓ 3. 39
	✗ 4. 31

Q.30	In March 2025, researchers from Northwestern University identified which smartwatch-based metric as a useful predictor of cardiovascular health risks?
Ans	✗ 1. Weekly Step-to-Cardiac Output Index (WSCO)
	✗ 2. Wearable Activity Pressure Estimate Scale (WAPES)
	✗ 3. Resting Pulse-to-Movement Ratio (RPMR)
	✓ 4. Daily Heart Rate Per Step (DHRPS)

Q.31	According to the Ministry of Finance, States' SGST revenue, including compensation released to States, in the post-GST period of 2017-18 to 2022-23 has achieved a tax buoyancy of _____.
Ans	✗ 1. zero
	✗ 2. greater than 10
	✓ 3. more than 1
	✗ 4. less than 1

Q.32	A and B complete a work in 2 days. If A alone can do it in 38 days, then B alone can do 9-times of the same work in _____ days.
Ans	✗ 1. 10
	✗ 2. 9
	✗ 3. 20
	✓ 4. 19

Q.33	If A's salary is 16% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)?
Ans	✓ 1. 13.79%
	✗ 2. 13.62%
	✗ 3. 15.05%
	✗ 4. 12.72%

Q.34	In a certain code language, 'YOUR' is coded as '5683' and 'UNIT' is coded as '2519'. What is the code for 'U' in the given code language?
Ans	✓ 1. 5
	✗ 2. 8
	✗ 3. 9
	✗ 4. 2

Q.35	Mr. D starts from Point P and drives 11 km towards the South. He then takes a left turn, drives 6 km, turns right and drives 12 km. He then takes a left turn and drives 1 km. He takes a final left turn derives 23 km and stops at Point Q. How far (shortest distance) and towards which direction should he drive in order to reach Point P again? (All turns are 90 degrees turns only unless specified.)
Ans	✗ 1. 3 km towards the North
	✗ 2. 4 km towards the South
	✓ 3. 7 km towards the West
	✗ 4. 7 km towards the East

Q.36	**Consider the following statements regarding the Africa India Key Maritime Engagement (AIKEYME) conducted in mid-April 2025.** **AIKEYME is a multilateral exercise co-hosted by the Indian Navy and Tanzania Peoples' Defence Force (TPDF).** **The exercise was planned in Maputo, Mozambique, and tackled maritime security threats like piracy.** **The exercise happened in two phases: the Harbour Phase included training on Seamanship and Visit Board Search and Seizure (VBSS), while the Sea Phase included Small Arms firing, Helicopter Operations and Search and Rescue.** **Which of the above statements are correct?**
Ans	✔ 1. Only 1 and 3
	✘ 2. Only 1 and 2
	✘ 3. Only 3
	✘ 4. 1, 2 and 3

Q.37	**In a certain code language,** **A + B means 'A is the son of B',** **A – B means 'A is the sister of B',** **A x B means 'A is the wife of B' and** **A ÷ B means 'A is the father of B'.** **Based on the above, how is E related to K if 'E + F – G ÷ H x K'?**
Ans	✔ 1. Wife's father's sister's son
	✘ 2. Wife's father's brother's son
	✘ 3. Wife's mother's sister's son
	✘ 4. Wife's mother's brother's son

Q.38	**India's trade structure under British colonial rule was molded to serve the economic interests of Britain. Which of the following best describes India's trade structure at the eve of Independence?**
Ans	✔ 1. Export of raw materials, import of manufactured goods
	✘ 2. Balanced two-way trade with Europe only
	✘ 3. Export of capital, import of labour
	✘ 4. Export of industrial goods, import of food

Q.39	**If a : b :: b : c, c = 9a and b = 6, then find the positive value of c.**
Ans	✘ 1. 17
	✔ 2. 18
	✘ 3. 22
	✘ 4. 15

Q.40	**Simplify the following:** $1\frac{4}{9} \times 5\frac{2}{9} \times 324 + 9\frac{3}{4}$
Ans	✘ 1. 2451.25
	✘ 2. 2477.55
	✘ 3. 2452.85
	✔ 4. 2453.75

Q.41	**Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?** **(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)**
Ans	✗ 1. GE – ZU
	✓ 2. PN – JD
	✗ 3. LJ – EZ
	✗ 4. QO – JE

Q.42	The average of eight numbers is 80. Find the least number if it is $\frac{1}{16}$ of the sum of the numbers.
Ans	✓ 1. 40
	✗ 2. 41
	✗ 3. 43
	✗ 4. 42

Q.43	**Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.** **Statements:** **All bottles are glasses.** **No glasses are plates.** **Some plates are spoons.** **Conclusion (I) No bottles are plates.** **Conclusion (II) No spoons are glasses.**
Ans	✗ 1. Only Conclusion (II) is true
	✗ 2. Both Conclusion (I) and (II) are true
	✗ 3. Neither Conclusion (I) nor (II) is true
	✓ 4. Only Conclusion (I) is true

Q.44	By how much is 60% of 40 greater than $\frac{2}{5}$ of 55?
Ans	✗ 1. 4
	✓ 2. 2
	✗ 3. 1
	✗ 4. 3

Q.45	**In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.** **WORK - OWRK - KOWR** **FERN - EFRN - NEFR**
Ans	✗ 1. RATE - ARTE - ATER
	✓ 2. WIND - IWND - DIWN
	✗ 3. QUIT - UQIT - TUIQ
	✗ 4. DRUM - DURM - MURD

Q.46	If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '–' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation? (11 S 7) P 3 R 41 S 8 P 12 R 54 = ?
Ans	✗ 1. 70
	✓ 2. 55
	✗ 3. 32
	✗ 4. 40

Q.47	Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (23, 253, 11) (46, 1104, 24)
Ans	✗ 1. (4, 11, 2)
	✗ 2. (1, 12, 9)
	✗ 3. (25, 253, 10)
	✓ 4. (25, 525, 21)

Q.48	What should come in place of the question mark (?) in the given series based on the English alphabetical order? TWY RUW PSU NQS ?
Ans	✗ 1. LOR
	✗ 2. LPR
	✓ 3. LOQ
	✗ 4. LPQ

Q.49	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? LOH 1, JMG 8, HKF 27, FIE 64, ?
Ans	✗ 1. DAD 144
	✗ 2. DFD 125
	✗ 3. DCD 144
	✓ 4. DGD 125

Q.50	Simplify: $\frac{\cot\theta}{\text{cosec}\,\theta+1}+\frac{\text{cosec}\,\theta+1}{\cot\theta}$
Ans	✗ 1. $2\,\text{cosec}\,\theta$
	✗ 2. $2\sin\theta$
	✓ 3. $2\sec\theta$
	✗ 4. $2\cos\theta$

Q.51	Which of the following movements, though initially religious in nature, later evolved into a peasant movement under the leadership of Dudu Miyan, son of Haji Shariatullah?
Ans	✗ 1. Mappila Uprising
	✗ 2. Wahabi Movement
	✗ 3. Bhill Uprising
	✓ 4. Farazi Movement

Q.52	**Consider the following statements regarding the Minimum Alternate Tax (MAT) in Indian tax regime.** **1. MAT is calculated at 15% on the book profit or at the usual corporate rates, and whichever is lower is payable as tax.** **2. Only domestic companies in India fall under this provision.** **3. MAT is an important tool with which tax avoidance can be prevented.** **Which of the statements given above is/are correct?**
Ans	✔ 1. Only 3
	✘ 2. Only 1 and 2
	✘ 3. Only 1 and 3
	✘ 4. 1, 2 and 3

Q.53	**The simplified value of 48 - (-18) × (-60 - 72 - 92) ÷ [8 × { 2 + (-6) × (-9)}] is:**
Ans	✘ 1. 34
	✔ 2. 39
	✘ 3. 36
	✘ 4. 37

Q.54	**In 1610, the Dutch established a factory in which of the following places, which later became the headquarters of the Dutch directorate for the Coromandel region?**
Ans	✔ 1. Pulicat
	✘ 2. Cochin
	✘ 3. Bombay
	✘ 4. Surat

Q.55	**According to the Global Risks Perception Survey (GRPS) 2025, what percentage of respondents selected 'risk associated with extreme weather events' as a key concern for the year ahead?**
Ans	✔ 1. 14%
	✘ 2. 25%
	✘ 3. 20%
	✘ 4. 22%

Q.56	**15 chairs and 19 tables cost ₹5,300 and 19 chairs and 19 tables cost ₹5,700. What is the cost of 12 chairs and 13 tables?**
Ans	✘ 1. ₹3,799
	✔ 2. ₹3,800
	✘ 3. ₹3,795
	✘ 4. ₹3,801

Q.57	**The Kalapani dispute is between India and which of these?**
Ans	✔ 1. Nepal
	✘ 2. China
	✘ 3. Bhutan
	✘ 4. Bangladesh

Q.58	**Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.)** **(Left) & # © @ 7 2 5 1 4 © 4 2 £ & 9 1 % # 4 4 & 1 (Right)** **How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?**
Ans	✗ 1. 3
	✗ 2. 1
	✗ 3. 0
	✓ 4. 2

Q.59	**In Linux OS, which command is used to rename a file from oldname.txt to newname.txt ?**
Ans	✗ 1. Create oldname.txt newname.txt
	✗ 2. touch oldname.txt newname.txt
	✗ 3. cp oldname.txt newname.txt
	✓ 4. mv oldname.txt newname.txt

Q.60	**The ratio of the lengths of two corresponding sides of two similar triangles is 3 : 10. The ratio of the areas of these two triangles, in the order mentioned, is:**
Ans	✓ 1. 9 : 100
	✗ 2. 10 : 101
	✗ 3. $3\sqrt{3}$: 10
	✗ 4. 3 : 10

Q.61	**A boat takes 27 minutes to go 37.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 8 : 5. How much total time (in hours) will the boat take to go 79.4 km upstream and 85.8 km downstream?**
Ans	✗ 1. 4.2
	✓ 2. 1.2
	✗ 3. 3.9
	✗ 4. 2.6

Q.62	**If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 8146752, what will be the difference between the last and first digits from the left in the new number thus formed?**
Ans	✗ 1. 3
	✗ 2. 4
	✓ 3. 6
	✗ 4. 5

Q.63	**What was the name of the team that emerged victorious in the Aditya Birla Memorial Polo Cup 2025?**
Ans	✓ 1. Rajnigandha Achievers
	✗ 2. Jindal Panther
	✗ 3. New Delhi Polo Team
	✗ 4. Aditya Birla Polo Team

Q.64	If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 2756493, then which of the following digits will be second from the left in the new number thus formed?
Ans	✗ 1. 1
	✓ 2. 5
	✗ 3. 3
	✗ 4. 6

Q.65	The successive discounts of 29%, 18% and 9% are equivalent to a single discount of: (Rounded up to two decimal places.)
Ans	✓ 1. 47.02%
	✗ 2. 48.05%
	✗ 3. 49.36%
	✗ 4. 44.35%

Q.66	Mr. STU starts from Point A and drives 33 km towards the east. He then takes a left turn, drives 21 km, turns left and drives 41 km. He then takes a left turn and drives 41 km. He takes a final left turn, drives 8 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)
Ans	✓ 1. 20 km to the north
	✗ 2. 17 km to the north
	✗ 3. 12 km to the south
	✗ 4. 13 km to the east

Q.67	What is the nature of wavefront from a point source in an isotropic medium?
Ans	✗ 1. Cylindrical
	✓ 2. Spherical
	✗ 3. Elliptical
	✗ 4. Plane

Q.68	What should come in place of the question mark (?) in the given series? 21, 52, 87, 126, 169, ?
Ans	✗ 1. 227
	✗ 2. 221
	✗ 3. 232
	✓ 4. 216

Q.69	The prince Swati Tirunal was a patron of which of the following dance forms?
Ans	✗ 1. Odissi
	✗ 2. Kathakali
	✓ 3. Mohiniattam
	✗ 4. Bharatanatyam

Q.70	Which country's football federation had its FIFA suspension lifted in May 2025 after resolving issues related to third-party interference?
Ans	✗ 1. Cameroon
	✗ 2. Nigeria
	✓ 3. Republic of the Congo
	✗ 4. Democratic Republic of the Congo

Q.71	Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only two people sit to the right of T. Only two people sit between T and N. Only two people sit between M and A. A sits to the immediate left of T. B sits to the immediate right of S. Who sits at third position from the left end of the line?
Ans	✔ 1. L
	✘ 2. D
	✘ 3. T
	✘ 4. A

Q.72	In a certain code language, 'NEST' is coded as '4683' and 'SOUP' is coded as '2319'. What is the code for 'S' in the given code language?
Ans	✔ 1. 3
	✘ 2. 1
	✘ 3. 9
	✘ 4. 2

Q.73	What is the term for elected members serving on the board of a co-operative society?
Ans	✘ 1. 3 years
	✔ 2. 5 years
	✘ 3. 4 years
	✘ 4. 6 years

Q.74	The profit made on a product is 79%. What is the loss percentage (correct to two decimal places) incurred on the sale if the figures of both the cost price and the selling price are interchanged?
Ans	✘ 1. 45.77%
	✘ 2. 46.79%
	✘ 3. 45.18%
	✔ 4. 44.13%

Q.75	What is the significance of PowerPoint's "Protected View", while opening a downloaded file?
Ans	✘ 1. Macros are enabled automatically
	✔ 2. It opens the file in a read-only mode, disabling most editing features
	✘ 3. The presentation is encrypted and cannot be viewed
	✘ 4. The file is corrupted

Q.76	As per the Monetary Policy Statement, 2025-26, the Consumer Price Index (CPI) inflation for the financial year 2025-26 is projected at what percentage?
Ans	✔ 1. 4.0%
	✘ 2. 5.4%
	✘ 3. 5.8%
	✘ 4. 6.0%

Q.77	Find the roots of the quadratic equation $5x^2 - 12x - 17 = 0$.
Ans	✘ 1. $1, \frac{-17}{5}$
	✔ 2. $-1, \frac{17}{5}$
	✘ 3. $-1, \frac{-17}{5}$
	✘ 4. $1, \frac{17}{5}$

Q.78	A (x, 5), B (3, – 4) and C (– 6, y) are the three vertices of a triangle ABC. If (3.5, 4.5) is the centroid of the triangle, find the point (x + 3, y – 4).
Ans	✔ 1. (16.5, 8.5)
	✘ 2. (13.5, 12.5)
	✘ 3. (8.5, 16.5)
	✘ 4. (15.5, 9.5)

Q.79	If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 74135296, how many digits will appear more than once in the new number thus formed?
Ans	✘ 1. One
	✘ 2. Two
	✔ 3. Three
	✘ 4. Four

Q.80	Who handled judicial matters in the provinces during the reign of the Gupta Empire?
Ans	✘ 1. King
	✘ 2. Ayuktaka
	✔ 3. Uparika
	✘ 4. Gramika

Q.81	Which of the following is a key river in the Thar Desert region?
Ans	✘ 1. Yamuna river
	✘ 2. Sutlej river
	✘ 3. Ghaggar river
	✔ 4. Luni river

Q.82	Which of the following provisions are covered under Article 4 of the Constitution of India?
Ans	✘ 1. Emergency Provisions
	✘ 2. Financial Powers
	✘ 3. Fundamental Rights
	✔ 4. Laws for reorganisation of states

Q.83	Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern. JOL : FRO MKH : INK
Ans	✘ 1. LOA : HSD
	✘ 2. NRF : JUH
	✘ 3. RME : NPG
	✔ 4. HPD : DSG

Q.84	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	✘ 1. NRUA
	✘ 2. GKNT
	✔ 3. DGKQ
	✘ 4. QUXD

Q.85	Mukesh sold a car for ₹1,20,000 at 40% loss. For what price (in ₹) should he sell the car to gain 55% profit?
Ans	✗ 1. 3,09,999
	✗ 2. 3,10,002
	✓ 3. 3,10,000
	✗ 4. 3,09,998

Q.86	A sum of ₹x amounts to ₹83,853 in $2\frac{1}{2}$ years at 12% p.a., interest compounded 10 – monthly. What is the value of x?
Ans	✗ 1. 62,000
	✗ 2. 64,000
	✗ 3. 61,000
	✓ 4. 63,000

Q.87	In what time (in years) will ₹2,500 fetch an interest of ₹1,000 at 10% per year simple interest?
Ans	✗ 1. 6
	✗ 2. 7
	✓ 3. 4
	✗ 4. 5

Q.88	Which of the following best encapsulates the concept of a 'stored-program computer' as introduced by the Von Neumann architecture?
Ans	✗ 1. A computer that utilises separate memory units for data and instructions to optimise processing speed
	✗ 2. A computer that relies primarily on external storage devices for program execution
	✗ 3. A computer that can only execute a fixed set of instructions hardwired into its circuitry
	✓ 4. A computer where both data and instructions are stored in the same primary memory for sequential execution

Q.89	$If\ \frac{x+1}{x} = 17\ then\ \frac{x^2+1}{x^2}\ is:$
Ans	✗ 1. 279
	✗ 2. 288
	✗ 3. 277
	✓ 4. 287

Q.90	Seven boxes, G, H, I, J, O,P and Q, are kept one over the other but not necessarily in the same order. Only two boxes are kept below Q. Only one box is kept above G. Only one box is kept between G and H. I is kept immediately above J. P is kept at some place below O. How many boxes are kept between O and I?
Ans	✓ 1. Four
	✗ 2. Three
	✗ 3. Two
	✗ 4. One

Q.91	**Which of the following statement(s) is/are correct regarding the Round Table Conferences held from 1930 to 1932?** **(a) The Round Table Conferences were held to discuss Constitutional Reforms and India's future government under British rule.** **(b) Mahatma Gandhi attended only the Second Round Table Conference in 1931.**
Ans	✔ 1. Both (a) and (b)
	✘ 2. Only (a)
	✘ 3. Neither (a) nor (b)
	✘ 4. Only (b)

Q.92	**Which Article of the Constitution of India provides guidelines for states to make laws on the protection of monuments and objects of national importance?**
Ans	✔ 1. Article 49
	✘ 2. Article 50
	✘ 3. Article 48 A
	✘ 4. Article 48

Q.93	If $a^2 + b^2 = 90$ and $ab = 27$, then find the possible value of $\frac{a+b}{a-b}$.
Ans	✔ 1. 2
	✘ 2. 4
	✘ 3. 3
	✘ 4. 1

Q.94	**The LCM of 48, 88 and another number, x, is 4752. Which of the following can be the value of x?**
Ans	✘ 1. 202
	✘ 2. 307
	✔ 3. 216
	✘ 4. 123

Q.95	**YAGK is related to PRXB in a certain way based on the English alphabetical order. In the same way, OQWA is related to FHNR. To which of the following options is NPVZ related, following the same logic?**
Ans	✘ 1. EQMG
	✔ 2. EGMQ
	✘ 3. EGQM
	✘ 4. EQGM

Q.96	**The last ruler of the Shunga dynasty was:**
Ans	✘ 1. Agnimitra
	✔ 2. Devabhuti
	✘ 3. Vasumitra
	✘ 4. Bhagabhadra

Q.97	**Which of the following statements about DNA and RNA is true?**
Ans	✔ 1. RNA has multiple roles including catalytic functions.
	✘ 2. DNA acts only as a messenger molecule.
	✘ 3. RNA acts solely as genetic material in all living organisms.
	✘ 4. DNA is not present in viruses.

Q.98	**Which team did Vidarbha defeat in the 2024-25 Ranji Trophy final?**
Ans	✔ 1. Kerala
	✘ 2. Tamil Nadu
	✘ 3. Bengal
	✘ 4. Mumbai

Q.99	**Which keyboard shortcut is used to cut (move) text in MS Word?**
Ans	✔ 1. Ctrl + X
	✘ 2. Ctrl + Z
	✘ 3. Ctrl + V
	✘ 4. Ctrl + C

Q.100	**Which position within the Union Council of Ministers of India is immediately below the Prime Minister in hierarchy?**
Ans	✔ 1. Cabinet Minister
	✘ 2. Parliamentary Secretary
	✘ 3. Minister of State
	✘ 4. Deputy Minister

Test Date	23/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1	**What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?** **35 − 112 × 84 ÷ 48 + 75 = ?**
Ans	✔ 1. 24
	✘ 2. 174
	✘ 3. 86
	✘ 4. 46

Q.2	**F, G, H, K, L, and M live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor, which is numbered 6. L lives on floor number 5. H lives on a floor above L. Only K lives below M. F lives on an even numbered floor. How many people live below G?**
Ans	✔ 1. Two
	✘ 2. Three
	✘ 3. Four
	✘ 4. One

Q.3	**Yogesh invested some money in a bank at 5% per annum rate of interest. What would be the corresponding simple interest (in ₹) if after 2 years, Yogesh got ₹102.5 as compound interest, considering annual compounding?**
Ans	✘ 1. 95
	✘ 2. 115
	✔ 3. 100
	✘ 4. 110

Q.4	**What was the trend in the unemployment rate in usual status for persons of age 15 years and above, for urban areas, from FY23 to FY24, as per the Department of Economic Affairs report?**
Ans	✔ 1. Decreased from 5.4% to 5.1%
	✘ 2. Increased from 4% to 5%
	✘ 3. Decreased from 6% to 5%
	✘ 4. Remained stable at 5.0%

Q.5	When saving an MS PowerPoint presentation, what is the primary purpose of the 'Save as Picture Presentation' option?
Ans	✗ 1. To optimise the presentation for viewing on low-bandwidth internet connections
	✓ 2. To prevent any further editing of the presentation content
	✗ 3. To save each slide as a separate image file within a folder
	✗ 4. To embed a static image of the first slide as a preview

Q.6	Find the value of $64x^3 + 27y^3 + 144x^2y + 108xy^2$, when $x = 5$ and $y = -5$.
Ans	✗ 1. 120
	✓ 2. 125
	✗ 3. 150
	✗ 4. 100

Q.7	If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 75246183, how many digits will appear more than once in the new number thus formed?
Ans	✓ 1. Three
	✗ 2. Two
	✗ 3. None
	✗ 4. One

Q.8	What should come in place of the question mark (?) in the given series? 1412 1420 1430 1442 1456 ?
Ans	✗ 1. 1474
	✗ 2. 1470
	✗ 3. 1468
	✓ 4. 1472

Q.9	Who was the founder of the Gurjara-Pratihara dynasty?
Ans	✗ 1. Vatsaraja
	✗ 2. Gopala
	✓ 3. Nagabhata I
	✗ 4. Bhoja

Q.10	What is the primary objective of the hyperloop test track launched by IIT Madras and Indian Railways in 2025?
Ans	✓ 1. To revolutionise high-speed transportation and reduce travel time
	✗ 2. To develop a new mode of transportation for goods
	✗ 3. To test the feasibility of vacuum tube technology
	✗ 4. To promote sustainable transportation solutions

Q.11	Seven people D, E, F, G, L, M and N are sitting in a row, facing north. Only two people sit to the left of L. Only three people sit between L and E. G sits second to the right of L. Only two people sit between G and M. D sits at some place to the right of N but at some place to the left of F. How many people sit to the right of D?
Ans	✗ 1. Four
	✗ 2. Two
	✓ 3. Three
	✗ 4. One

Q.12	The simplified value of 72 - (-98) × (-31 - 58 - 19) ÷ [9 × { 7 + (-2) × (-6)}] is:
Ans	✔ 1. $\frac{192}{19}$
	✘ 2. $\frac{182}{19}$
	✘ 3. $\frac{187}{19}$
	✘ 4. $\frac{188}{19}$

Q.13	What happens if users try to open an MS Excel file created in a newer version (e.g., Excel 2021) in an older version (e.g., Excel 2010)?
Ans	✘ 1. MS Excel will display an error and refuse to open the file.
	✘ 2. The file will open normally with all features intact.
	✔ 3. The file will open in Compatibility Mode with limited functionality.
	✘ 4. The file will be automatically converted to a PDF.

Q.14	Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern. ICK : KEF HDW : JFR
Ans	✘ 1. RFM : TIH
	✔ 2. VJF : XLA
	✘ 3. KLR : MNN
	✘ 4. GGP : IJK

Q.15	Which among the following is the main reason for classifying economic activities into different sectors in India?
Ans	✘ 1. To divide labour across sectors
	✘ 2. To reduce employment in capital-intensive sectors
	✘ 3. To increase taxes across sectors
	✔ 4. To understand their functioning and interdependence

Q.16	The PM-KISAN scheme launched by the Central Government falls under which category of boxes under the WTO's Agreement on Agriculture?
Ans	✘ 1. Amber box
	✔ 2. Green box
	✘ 3. Red box
	✘ 4. Blue box

Q.17	In March 2025, the Indian government passed the Waqf (Amendment) Act, leading to nationwide protests. Which organisation led the protests, calling the bill "unconstitutional and undemocratic"?
Ans	✘ 1. Imarat-e-Shariah
	✘ 2. Jamiat Ulema-e-Hind
	✘ 3. All India Shia Personal Law Board
	✔ 4. All India Muslim Personal Law Board

Q.18	**Select the set in which the numbers are related in the same way as are the numbers of the following sets.** **(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)** **(7, 80, 22)** **(43, 143, 19)**
Ans	✗ 1. (25, 91, 15)
	✗ 2. (11, 63, 15)
	✓ 3. (13, 89, 21)
	✗ 4. (49, 139, 15)

Q.19	What is the product of the roots of the equation $kx^3 - 5x^2 - 12x + k = 0$?
Ans	✗ 1. 1
	✓ 2. -1
	✗ 3. $-\frac{1}{12}$
	✗ 4. $\frac{1}{12}$

Q.20	**Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.** **(Left) 6 @ $ 1 8 # 9 % ≺ 2 4 ≽ 3 ^ 5 & 7 (Right)** **If all the numbers are dropped from the series, which of the following will be sixth from the right?**
Ans	✗ 1. %
	✗ 2. $
	✓ 3. #
	✗ 4. ≺

Q.21	**Which of the following dance forms is NOT associated with Rajasthan?**
Ans	✗ 1. Kacho Ghodi
	✓ 2. Tarangmel
	✗ 3. Ghoomar
	✗ 4. Kalbelia

Q.22	**John Green's non-fiction book, released in March 2025, discusses the history and impact of which disease?**
Ans	✗ 1. Malaria
	✓ 2. Tuberculosis
	✗ 3. Cholera
	✗ 4. Influenza

Q.23	**Demetrius, a Bactrian-Greek ruler, came into conflict with _____.**
Ans	✗ 1. Nahapana
	✗ 2. Harsha
	✗ 3. Simuka
	✓ 4. Pushyamitra

Q.24	Mr. XYZ starts from Point A and drives 15 km towards the west. He then takes a left turn, drives 11 km, turns left and drives 19 km. He then takes a left turn and drives 16 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)
Ans	✗ 1. 5 km to the west
	✓ 2. 5 km to the south
	✗ 3. 3 km to the east
	✗ 4. 3 km to the north

Q.25	This question is based on the five, three-digit numbers given below. (Left) 815 497 460 637 147 (Right) (Example- 697 – First digit = 6, second digit = 9 and third digit = 7) (NOTE: All operations to be done from left to right.) What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?
Ans	✓ 1. 6
	✗ 2. 8
	✗ 3. 9
	✗ 4. 7

Q.26	How many writs mentioned in the Constitution of India enforce Fundamental Rights?
Ans	✗ 1. Four Writs
	✗ 2. Six Writs
	✓ 3. Five Writs
	✗ 4. Seven Writs

Q.27	Sub-irrigation in India is particularly suitable for areas with:
Ans	✗ 1. low soil fertility
	✗ 2. sandy soil
	✓ 3. high water table
	✗ 4. low water table

Q.28	In February 2025, how much total budget was allocated to the Ministry of Youth Affairs and Sports in the Union Budget?
Ans	✓ 1. ₹3,790 crore
	✗ 2. ₹3,254 crore
	✗ 3. ₹4,132 crore
	✗ 4. ₹2,808 crore

Q.29	If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 936245, then how many digits will appear more than once in the new number thus formed?
Ans	✗ 1. Three
	✗ 2. None
	✗ 3. One
	✓ 4. Two

Q.30	Ravi spends ₹250 on Monday, ₹300 on Tuesday, ₹275 on Wednesday, ₹325 on Thursday, and ₹350 on Friday. What is his average daily expenditure over these five days?
Ans	✗ 1. ₹310
	✗ 2. ₹320
	✓ 3. ₹300
	✗ 4. ₹280

Q.31	Seven boxes, C, D, E, F, G, H and X, are kept one over the other but not necessarily in the same order. Only two boxes are kept between C and H. Only F is kept above G. Only one box is kept between G and C. E is kept at some place below X but at some place above D. How many boxes are kept between X and D?
Ans	✗ 1. Three
	✓ 2. Two
	✗ 3. Four
	✗ 4. One

Q.32	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements. Statements: All tablets are laptops. No laptop is a desktop. No laptop is a mobile. Conclusions: (I) No tablet is a desktop. (II) Some mobiles are desktops.
Ans	✓ 1. Only conclusion (I) follows.
	✗ 2. Only conclusion (II) follows.
	✗ 3. Neither conclusion (I) nor (II) follows.
	✗ 4. Both conclusions (I) and (II) follow.

Q.33	A dealer purchased a washing machine for ₹1,301. After allowing a discount of 53% on its marked price, he still gains 41%. Find the marked price of the washing machine.
Ans	✗ 1. ₹3,940
	✗ 2. ₹3,886
	✗ 3. ₹3,917
	✓ 4. ₹3,903

Q.34	Which of the following is NOT a valid way to move selected text in MS Word?
Ans	✗ 1. Drag and Drop
	✗ 2. Ctrl + Drag
	✗ 3. Cut and Paste
	✓ 4. Format Painter

Q.35	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	✗ 1. PVQ
	✓ 2. KQM
	✗ 3. MSN
	✗ 4. HNI

Q.36	In a certain code language, ‘rough and ready’ is coded as ‘mo hp km’ and ‘road is rough’ is coded as ‘tx km bn’. How is ‘rough’ coded in the given language?
Ans	✗ 1. hp
	✗ 2. tx
	✗ 3. bn
	✓ 4. km

Q.37	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? AAA 16, ECZ 36, IEY 64, MGX 100, ?
Ans	✓ 1. QIW 144
	✗ 2. UVW 81
	✗ 3. WIU 100
	✗ 4. UIW 121

Q.38	Which of the following ratios is greatest?
Ans	✗ 1. 9 : 11
	✗ 2. 10 : 27
	✓ 3. 11 : 11
	✗ 4. 31 : 38

Q.39	What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of patients	16	21	14	34	37	32	13

Ans	✗ 1. 46.12
	✓ 2. 53.75
	✗ 3. 34.15
	✗ 4. 33.05

Q.40	In a certain code language, ‘FARM’ is coded as ‘4683’ and ‘MUSE’ is coded as ‘2419’. What is the code for ‘M’ in the given code language?
Ans	✗ 1. 1
	✓ 2. 4
	✗ 3. 2
	✗ 4. 3

Q.41	The slant height of a cone is equal to twice the radius of its base. If the cone has a volume of 401π cm^3, find the magnitude of the cube of its base radius.
Ans	✓ 1. $401\sqrt{3}$
	✗ 2. $412\sqrt{3}$
	✗ 3. $402\sqrt{3}$
	✗ 4. $410\sqrt{3}$

Q.42	The sum of interior angles of a regular polygon is 1260°. Find the number of diagonals of this regular polygon.
Ans	✗ 1. 35
	✓ 2. 27
	✗ 3. 44
	✗ 4. 20

Q.43	The average weight of A, B and C is 45 kg. If the average weight of A and B is 39 kg and that of B and C is 48 kg, then the weight of B (in kg) is:
Ans	✗ 1. 54
	✓ 2. 39
	✗ 3. 29
	✗ 4. 49

Q.44	The efficiency of gas exchange in the alveoli is primarily attributed to which structural characteristic?
Ans	✗ 1. Abundance of mucus-secreting cells
	✗ 2. Thick epithelial lining to protect from pathogens
	✗ 3. A robust elastic network to maintain alveolar shape
	✓ 4. Large surface area combined with a thin alveolar-capillary barrier

Q.45	As per the Union Budget 2025-26, Asset Monetization Plan 2025-30, what will be the amount for the second plan for 2025-30 with the aim to reinvest in new projects?
Ans	✓ 1. ₹10 lakh crore
	✗ 2. ₹20 lakh crore
	✗ 3. ₹25 lakh crore
	✗ 4. ₹15 lakh crore

Q.46	38 people are standing in a row facing north. Hari is 11^{th} from the right end while Hema is 14^{th} from the left end. How many people are there between Hari and Hema?
Ans	✗ 1. 12
	✓ 2. 13
	✗ 3. 14
	✗ 4. 11

Q.47	At what rate (in percentage) per annum will ₹1,400 give ₹700 as simple interest in 5 years?
Ans	✓ 1. 10%
	✗ 2. 12%
	✗ 3. 9%
	✗ 4. 13%

Q.48	Which smallest number should be added to 13874 so that the sum is completely divisible by 67?
Ans	✗ 1. 60
	✗ 2. 57
	✗ 3. 64
	✓ 4. 62

Q.49	Who among the following won the Best Director award at the 2025 Oscars?
Ans	✗ 1. Quentin Tarantino
	✗ 2. Steven Spielberg
	✗ 3. Peter Straughan
	✓ 4. Sean Baker

Q.50	What was notable about Vidarbha's performance in the Ranji Trophy 2024-25?
Ans	✗ 1. They won the title for the first time
	✓ 2. They won the title for the third time in seven seasons
	✗ 3. They lost the final to Kerala
	✗ 4. They did not qualify for the final

Q.51	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.) (Left) % 3 £ 3 & © * 3 & 7 7 3 7 % 4 8 © * 1 * 9 9 (Right) How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?
Ans	✗ 1. 3
	✗ 2. 5
	✗ 3. 2
	✓ 4. 4

Q.52	Who among the following has been appointed as the CEO of the Indian Railway Finance Corporation (IRFC) in October 2024?
Ans	✗ 1. Vijaya Kishore Rahatkar
	✓ 2. Manoj Kumar Dubey
	✗ 3. Ajit Kumar Saxena
	✗ 4. Paramesh Sivamani

Q.53	A person drove at 23 km/hr for 4.5 hours, then increased his speed by 11 km/hr, and reached the destination in another hour. Find the average speed (in km/hr) of the person during the entire journey.
Ans	✗ 1. 22
	✓ 2. 25
	✗ 3. 26
	✗ 4. 21

Q.54	What should come in place of the question mark (?) in the given series based on the English alphabetical order? XQS VOQ TMO RKM ?
Ans	✗ 1. PJL
	✗ 2. PIL
	✓ 3. PIK
	✗ 4. PJK

Q.55	Which of the following groups is NOT considered a part of the Union Council of Ministers in India?
Ans	✗ 1. Cabinet Ministers
	✓ 2. Parliamentary Secretaries
	✗ 3. Deputy Ministers
	✗ 4. Ministers of State

Q.56	A sum of money is to be distributed among A, B, C, and D in the ratio of 10 : 4 : 8 : 5. If C gets ₹24 more than B, how much did A receive?
Ans	✗ 1. ₹63
	✗ 2. ₹59
	✓ 3. ₹60
	✗ 4. ₹58

Q.57	In January 2025, which Indian state came under President's Rule due to ongoing ethnic violence and the resignation of its Chief Minister?
Ans	✗ 1. Assam
	✗ 2. Nagaland
	✗ 3. Tripura
	✓ 4. Manipur

Q.58	What was the literacy rate in India according to the 2011 Census?
Ans	✓ 1. 74.04%
	✗ 2. 76.23%
	✗ 3. 75.12%
	✗ 4. 72.98%

Q.59	The Home Rule Movement in India, launched during the World War I, aimed to attain self-government within the British Empire. Which two prominent leaders were associated with starting this movement?
Ans	✗ 1. Mahatma Gandhi and Gopal Krishna Gokhale
	✓ 2. Annie Besant and Bal Gangadhar Tilak
	✗ 3. Jawaharlal Nehru and Subhas Chandra Bose
	✗ 4. Lala Lajpat Rai and Bipin Chandra Pal

Q.60	In which year did Goa become the capital of the Portuguese Commercial empire in India?
Ans	✗ 1. 1410
	✗ 2. 1390
	✓ 3. 1530
	✗ 4. 1659

Q.61	What is the mode of the following data? 53, 47, 43, 42, 52, 54, 54, 51, 42, 53, 53, 48, 46, 43, 43, 40, 43, 41
Ans	✗ 1. 47
	✗ 2. 53
	✗ 3. 42
	✓ 4. 43

Q.62	**In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes (following only the condition/s that applies) is your answer.** **Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.**

Number/symbol	R	E	A	U	M	D	F	P	Q	I	O	H	N	W	Z	B
Code	#	7	6	$	8	%	*	5	9	4	©	@	d	3	2	1

Conditions:
i) If the first element is a consonant and the third is a vowel, the codes for these two (the first and the third elements) are to be interchanged.
ii) If the first element is vowel and the fourth letter is a consonant, the first and fourth elements are to be coded as the code for the vowel.
iii) If the second and third elements the consonants, both are to be coded as the code for the third element.

Based on the above instructions, what would be the code for 'OBAHMQ'?

Ans	✗ 1. ©16@87
	✗ 2. @$6@89
	✗ 3. @16@89
	✓ 4. ©16©89

Q.63	While covering a distance of 39 km, a man noticed that after cycling for 5 hour 5 minutes, the distance covered by him was $\frac{5}{4}$ of the remaining distance. What was his speed (in km/hr, rounded off to one decimal place)?
Ans	✗ 1. 1.9
	✓ 2. 4.3
	✗ 3. 3.2
	✗ 4. 6.5

Q.64	**The total surface area of a cylinder is 396 cm^2, and its radius is 7 cm. Find the volume (in cm^3) of the cylinder.** $Use\ \pi = \frac{22}{7}$
Ans	✗ 1. 307
	✓ 2. 308
	✗ 3. 314
	✗ 4. 300

Q.65	**Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?** **(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)**
Ans	✗ 1. IL - FI
	✗ 2. MP - JM
	✗ 3. NQ - KN
	✓ 4. MJ - DF

Q.66	**In a certain code language,** **A + B means 'A is the son of B',** **A – B means 'A is the sister of B',** **A x B means 'A is the wife of B' and** **A ÷ B means 'A is the father of B'.** **Based on the above, how is E related to K if 'E + F – G x H ÷ K'?**
Ans	✗ 1. Mother's sister's husband
	✗ 2. Father's sister's son
	✓ 3. Mother's sister's son
	✗ 4. Father's sister's husband

Q.67	**Which of the following writs protects the right to life and personal liberty mentioned in the Constitution of India?**
Ans	✗ 1. Mandamus
	✓ 2. Habeas Corpus
	✗ 3. Certiorari
	✗ 4. Prohibition

Q.68	**Which of the following options correctly describes the Indian President's power to summon the Parliament?**
Ans	✓ 1. The President may summon the Parliament at least twice a year.
	✗ 2. The President can only summon the Parliament after consulting the Prime Minister.
	✗ 3. The President may summon the Parliament at his/her discretion with no statutory minimum frequency.
	✗ 4. The President may summon the Parliament only once every calendar year.

Q.69	**In April 2025, the Chief Minister of which Indian state inaugurated a newly constructed Jagannath Temple in the coastal town of Digha?**
Ans	✗ 1. Tamil Nadu
	✗ 2. West Bengal
	✗ 3. Andhra Pradesh
	✓ 4. Odisha

Q.70	**If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5364178, then what will the sum of the digits which are second from the left and second from the right in the new number thus formed be?**
Ans	✗ 1. 10
	✗ 2. 7
	✗ 3. 9
	✓ 4. 12

Q.71	**Which of the following is true regarding the materials of construction used for Ashokan pillars?**
Ans	✓ 1. They were largely made of stone.
	✗ 2. They were largely made of wood.
	✗ 3. They were largely made of concrete.
	✗ 4. They were largely made of iron.

Q.72	**What was the main focus of the Aligarh Movement?**
Ans	✗ 1. Women's Rights
	✗ 2. Hindu Revivalism
	✗ 3. Abolition of Sati
	✓ 4. Modern Education among Muslims

Q.73	By how much is 60% of 40 greater than $\frac{3}{5}$ of 15?
Ans	✗ 1. 12
	✓ 2. 15
	✗ 3. 9
	✗ 4. 13

Q.74	YAGK is related to RTZD in a certain way based on the English alphabetical order. In the same way, WYEI is related to PRXB. To which of the following options is BDJN related, following the same logic?
Ans	✗ 1. UWHY
	✗ 2. UWAC
	✓ 3. UWCG
	✗ 4. UWCH

Q.75	What happens when you press 'Ctrl + M' in MS PowerPoint 365?
Ans	✓ 1. A new slide is inserted with the same layout as the previous slide.
	✗ 2. A new blank slide is inserted regardless of the previous layout.
	✗ 3. A duplicate of the current slide is created.
	✗ 4. The slide master view is opened.

Q.76	Which of the following countries will host the 2025 G20 Summit for the first time on the African continent?
Ans	✗ 1. Kenya
	✗ 2. Egypt
	✗ 3. Nigeria
	✓ 4. South Africa

Q.77	The Narmada River originates from which hills?
Ans	✗ 1. Aravalli
	✓ 2. Satpura
	✗ 3. Western Ghats
	✗ 4. Vindhyachal

Q.78	In a quadrilateral QRST, ∠Q = 52° and ∠R = 44°. The bisectors of ∠S and ∠T meet at E. What is the measure of ∠TES?
Ans	✓ 1. 48°
	✗ 2. 37°
	✗ 3. 44°
	✗ 4. 59°

Q.79	MQIL is related to FJBE in a certain way based on the English alphabetical order. In the same way, OSKN is related to HLDG. To which of the given options is QUMP related, following the same logic?
Ans	✗ 1. NJFI
	✗ 2. JNIF
	✓ 3. JNFI
	✗ 4. NJIF

Q.80	**Under which Act was the National Legal Services Authority (NALSA), which conducts Lok Adalats along with other Legal Services Institutions, constituted?**
Ans	✔ 1. Legal Services Authorities Act, 1987
	✘ 2. Advocates Act, 1961
	✘ 3. Indian Bar Council Act, 1926
	✘ 4. Public Interest Litigation Act, 1990

Q.81	**Mukesh sold a car for ₹2,03,700 at 10% loss. For what price (in ₹) should he sell the car to gain 68% profit?**
Ans	✘ 1. 3,80,238
	✔ 2. 3,80,240
	✘ 3. 3,80,237
	✘ 4. 3,80,243

Q.82	**What is the complete set of both base and derived units called?**
Ans	✔ 1. System of units
	✘ 2. Scientific model
	✘ 3. Measurement set
	✘ 4. Universal constant system

Q.83	**What is the total DGQI 2.0 (Data Governance Quality Index) score achieved by the Department of Rural Development in Q4 of 2023-24?**
Ans	✘ 1. 4.50 out of 5
	✘ 2. 3.95 out of 5
	✘ 3. 5.00 out of 5
	✔ 4. 4.93 out of 5

Q.84	**What should come in place of the question mark (?) in the given series? 173, 151, 131, 113, 97, ?**
Ans	✘ 1. 91
	✘ 2. 68
	✔ 3. 83
	✘ 4. 76

Q.85	**How many Indian States and Union Territories have a coastline as per the Annual Report 2022-23 of the Ministry of Home Affairs?**
Ans	✘ 1. 11 States and 6 Union Territories
	✘ 2. 8 States and 3 Union Territories
	✘ 3. 10 States and 5 Union Territories
	✔ 4. 9 States and 4 Union Territories

Q.86	**Which of the following states has a sparse population mainly due to hilly terrain?**
Ans	✘ 1. Tamil Nadu
	✘ 2. Odisha
	✔ 3. Arunachal Pradesh
	✘ 4. Gujarat

Q.87	If $a^2 + b^2 = 132$ and $a \times b = 36$, then find $\frac{(a - b)}{(a + b)}$, where $a > b$.
Ans	✔ 1. $\sqrt{\frac{5}{17}}$
	✘ 2. $\sqrt{\frac{11}{17}}$
	✘ 3. $\sqrt{\frac{5}{11}}$
	✘ 4. $\sqrt{\frac{17}{37}}$

Q.88	A sells a camera to B at a loss of 60% and B sells the camera to C at a profit of 25%. If C purchased the camera for ₹62,616, then what was the cost (in ₹) of the camera for A?
Ans	✘ 1. 1,25,229
	✘ 2. 1,25,230
	✘ 3. 1,25,226
	✔ 4. 1,25,232

Q.89	A man spends 50% of his monthly salary on the rent of his house. If every month he also spends ₹780 on his conveyance and ₹9,800 on his groceries and saves the remaining ₹110, his monthly salary is:
Ans	✘ 1. ₹21,430
	✘ 2. ₹21,307
	✘ 3. ₹21,282
	✔ 4. ₹21,380

Q.90	Seven times the present age of Anjali is 14 years more than six times the present age of Kamal, and seven times the present age of Kamal is 7 years less than seven times the present age of Anjali. What is the sum of the present ages (in years) of Anjali and Kamal?
Ans	✘ 1. 20
	✔ 2. 15
	✘ 3. 12
	✘ 4. 13

Q.91	What is the main purpose of the Tab key on a standard keyboard?
Ans	✘ 1. To insert a forward slash
	✘ 2. To remove text
	✔ 3. To shift the cursor to the next field or tab position
	✘ 4. To close the active application

Q.92	In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic. GOAL - GLAO - LAOG COMB - CBMO - BMOC
Ans	✗ 1. OVEL - OVLE - VELO
	✓ 2. WISH - WHSI - HSIW
	✗ 3. TING - ITNG - GINT
	✗ 4. LOST - LSOT - TSOL

Q.93	If $\frac{x+1}{x} = 33$, then $\frac{x^2+1}{x^2}$ is:
Ans	✗ 1. 1091
	✗ 2. 1083
	✓ 3. 1087
	✗ 4. 1089

Q.94	Rahul had some marbles. When he distributed the marbles equally among 27 children, he found that 17 marbles were left. Had he distributed the marbles equally among 19 children and 15 children, he still would have had 9 and 5 marbles, respectively, left with him. But when he distributed them equally among 80 children, no marble was left. The number of marbles that Rahul initially had may lie between _____.
Ans	✗ 1. 5140 and 5150
	✓ 2. 5110 and 5130
	✗ 3. 5070 and 5080
	✗ 4. 5090 and 5100

Q.95	Mr. J starts from Point U and drives 2 km towards the North. He then takes a right turn, drives 9 km, turns right and drives 3 km. He then takes a right turn and drives 16 km. He then takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point U again? (All turns are 90 degrees turns only unless specified.)
Ans	✗ 1. 4 km towards the South
	✓ 2. 7 km towards the East
	✗ 3. 11 km towards the North
	✗ 4. 4 km towards the West

Q.96	Why did Mendeleev leave gaps in his periodic table?
Ans	✓ 1. For undiscovered elements
	✗ 2. To include isotopes
	✗ 3. To avoid repetition of elements
	✗ 4. To make the table look symmetrical

Q.97	A pipe can fill a tank in 15 hours. Another pipe can empty the filled tank in 40 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be one-third filled, is:
Ans	✓ 1. 8
	✗ 2. 32
	✗ 3. 24
	✗ 4. 16

Q.98	**Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only three people sit between A and S. M sits to the immediate left of S. No one sits to the right of T. Only two people sit between T and M. N sits to the immediate right of L. How many people sit between B and N?**
Ans	✗ 1. One
	✓ 2. Two
	✗ 3. Four
	✗ 4. Three

Q.99	Solve for θ: $\frac{\cos\theta}{1-\sin\theta}+\frac{\cos\theta}{1+\sin\theta}=4$
Ans	✗ 1. 90°
	✗ 2. 30°
	✓ 3. 60°
	✗ 4. 45°

Q.100	**A tank can be filled by two pipes C and D in 60 minutes and 40 minutes, respectively. How much time will it take to fill the tank from the empty state if D is used for half the time and C and D fill it together for the other half?**
Ans	✗ 1. 50 minutes
	✓ 2. 30 minutes
	✗ 3. 15 minutes
	✗ 4. 1 hour

Test Date	24/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 **The surface area (in cm^2) of a sphere of radius 14 cm is:**

Take $\pi = \frac{22}{7}$

Ans
✗ 1. 2467
✗ 2. 2462
✗ 3. 2465
✓ 4. 2464

Q.2 **If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8315476, which of the following digits will be third from the right?**

Ans
✗ 1. 4
✗ 2. 6
✗ 3. 8
✓ 4. 2

Q.3 **The Sixth Schedule of the Indian Constitution deals with the administration of tribal areas in which region?**

Ans
✗ 1. Central India
✗ 2. Andaman and Nicobar Islands
✗ 3. Western Ghats
✓ 4. North-East India

Q.4 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**

 # : XTR :: LHF : %

Ans
✗ 1. # = DTX, % = FBZ
✓ 2. # = DZX, % = FBZ
✗ 3. # = UZX, % = FBZ
✗ 4. # = DZX, % = FBO

Q.5 **What should come in place of the question mark (?) in the given series?**

4 7 13 24 42 ? 107

Ans
✗ 1. 68
✗ 2. 66
✓ 3. 69
✗ 4. 67

Q.6 The area of a quadrilateral ABCD is 324 cm^2. The lengths of the perpendiculars from the vertices B and D to the diagonal AC are 12 cm and 15 cm, respectively. Determine the length (in cm) of the diagonal AC.

Ans
- ✔ 1. 24
- ✘ 2. 19
- ✘ 3. 27
- ✘ 4. 28

Q.7 By using a suitable identity, simplify 10.1^3.

Ans
- ✘ 1. 1003.301
- ✔ 2. 1030.301
- ✘ 3. 1030.323
- ✘ 4. 1030.3001

Q.8 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7156423, then how many digits will appear more than once in the new number thus formed?

Ans
- ✔ 1. Two
- ✘ 2. Three
- ✘ 3. One
- ✘ 4. None

Q.9 Mr. HIJ starts from Point A and drives 21 km towards the south. He then takes a right turn, drives 19 km, turns right and drives 26 km. He then takes a right turn and drives 19 km, turns right and drives 2 km. He then takes a left turn and drives 4 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

Ans
- ✘ 1. 7 km to the east
- ✘ 2. 5 km to the south
- ✘ 3. 6 km to the north
- ✔ 4. 4 km to the west

Q.10 The income of a person increases by 15% annually. If the initial income is ₹70,000, calculate the income after 2 years.

Ans
- ✘ 1. ₹91,875
- ✘ 2. ₹91,575
- ✔ 3. ₹92,575
- ✘ 4. ₹92,175

Q.11 Which of the following has dimensional formula $[M^0 L^0 T^{-2}]$?

Ans
- ✘ 1. Strain
- ✔ 2. Angular acceleration
- ✘ 3. Frequency
- ✘ 4. Angular velocity

Q.12 **A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.**

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbol	1	8	6	7	4	#	2	@	&
Code	Y	A	L	B	S	D	E	Z	C

Conditions:
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

 # 6 @ 2

Ans
✗ 1. ELDZ
✗ 2. EZLD
✓ 3. ELZD
✗ 4. DZLE

Q.13 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.**

Statements:
All animals are deer.
All animals are bears.
All animals are cows.

Conclusions:
(I) All deer are cows.
(II) Some cows are bears.

Ans
✗ 1. Only conclusion (I) follows.
✗ 2. Both conclusions (I) and (II) follow.
✗ 3. Neither conclusion (I) nor (II) follows.
✓ 4. Only conclusion (II) follows.

Q.14 **If the fourth proportion to P, 4 and 3 is 6, then find the value of P.**

Ans
✗ 1. 5
✗ 2. 4
✗ 3. 3
✓ 4. 2

Q.15 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	@	2	9	5	$	&	3	%	#	7	+	4	8	6
Code	A	C	D	J	F	E	W	Q	G	P	R	B	U	S

Conditions:
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What is @9#7 coded as?

Ans
✗ 1. ADGP
✗ 2. GPDA
✓ 3. PDGA
✗ 4. PGDA

Q.16 $\frac{1}{20}$ is what percentage of $\frac{1}{40}$?

Ans
✗ 1. 400%
✗ 2. 215%
✓ 3. 200%
✗ 4. 210%

Q.17 The average of 8 numbers is 16. The average of 6 of these numbers is 16. The average of the remaining two numbers is:

Ans
✗ 1. 17
✗ 2. 15
✓ 3. 16
✗ 4. 18

Q.18 What will the following PowerShell command in Windows OS do?

Command: Remove-Item C:\Logs -Recurse -Force

Ans
✗ 1. Delete only empty folders under C:\Logs
✗ 2. Move the C:\Logs folder to the Recycle Bin
✗ 3. Only delete files, leave folders intact
✓ 4. Delete all files and subfolders inside C:\Logs, including the folder itself

Q.19 Each of the digits in the number 1673459 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
✗ 1. One
✗ 2. None
✗ 3. Three
✓ 4. Two

Q.20 Five solid cubes, each of volume 5,92,704 cm^3, are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

Ans

✗ 1. 84,774

✗ 2. 84,898

✓ 3. 84,672

✗ 4. 84,863

Q.21 B is the mother of A. C is the sister of A's father D. E is the brother of C. How is B related to E?

Ans

✓ 1. Brother's wife

✗ 2. Sister

✗ 3. Wife

✗ 4. Mother

Q.22 $Evaluate: \frac{1}{\left(\frac{7}{8}\right)+\left(\frac{4}{6}\right)} \div \frac{6}{29}$

Ans

✓ 1. $3\frac{5}{37}$

✗ 2. $3\frac{10}{37}$

✗ 3. $3\frac{13}{37}$

✗ 4. $3\frac{1}{37}$

Q.23 In March 2025, India introduced anti-dumping duties on five products imported from which country?

Ans

✗ 1. Bangladesh

✗ 2. Japan

✗ 3. The United States of America

✓ 4. China

Q.24 Education remained largely inaccessible to the masses during colonial rule. What was India's literacy rate around 1947?

Ans

✗ 1. Close to 90%

✗ 2. Over 75%

✓ 3. Below 20%

✗ 4. Around 50%

Q.25 4 chairs and 4 tables cost ₹7,000 and 6 chairs and 5 tables cost ₹8,800. What is the cost of 16 chairs and 2 tables?

Ans

✗ 1. ₹4,197

✓ 2. ₹4,200

✗ 3. ₹4,198

✗ 4. ₹4,195

Q.26 **Akash sold an article at a loss of 17%. If he had bought the item at 5% less and had sold it for ₹310 more, then he would have gained 20%. Find the cost price (in ₹) of the article.**

Ans

✗ 1. 674

✗ 2. 785

✓ 3. 1,000

✗ 4. 1,215

Q.27 **Which option correctly explains the fundamental difference between input and output devices in a computer system?**

Ans

✗ 1. Input devices change user inputs into digital format, while output devices permanently save system data.

✗ 2. Input devices directly interact with the CPU, while output devices work independently without CPU involvement.

✗ 3. Input devices run pre-loaded instructions from memory, whereas output devices collect environmental data.

✓ 4. Input devices enable users to send data into the system, while output devices communicate processed information back to the user.

Q.28 **Which type of legislative bills must be introduced in the Lok Sabha only after obtaining the prior approval of the President of India?**

Ans

✗ 1. Ordinary Bills

✗ 2. Public Bills

✗ 3. Private Bills

✓ 4. Money Bills

Q.29 **Who was elected as the Chair of the Asian Productivity Organization (APO) for the 2025–26 term during the 67th GBM?**

Ans

✗ 1. Agung Nur Rohmad

✗ 2. Jone Maritino Nemani

✗ 3. Dr. Indra Pradana Singawinata

✓ 4. Amardeep Singh Bhatia

Q.30 Rati travels from City A to City B. If Rati drives her car at $\frac{1}{3}$ of her normal speed, then she reaches City B 50 minutes late. Find the time (in minutes) that Rati would take to travel from City A to City B if she drove at her normal speed.

Ans

✓ 1. 25

✗ 2. 34

✗ 3. 35

✗ 4. 26

Q.31 **What amount will be disbursed from FY 2020-21 to FY 2025-26 under the Agriculture Infrastructure Fund established by the Central Government?**

Ans

✗ 1. ₹10 lakh crore

✗ 2. ₹5 lakh crore

✗ 3. ₹2 lakh crore

✓ 4. ₹1 lakh crore

Q.32 **When the difference between compound interest, compounded annually, and simple interest for three years is ₹152 at 4% interest per annum, the principal is ₹_____.**

Ans

✗ 1. 30,675

✗ 2. 32,450

✗ 3. 31,670

✓ 4. 31,250

Q.33 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	9	6	+	@	8	&	3	*	%	5	$	4	7
Code	W	C	E	J	F	A	D	Q	G	P	R	B	U

Conditions:
(I) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.
(II) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
(III) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What is 843% coded as?

Ans
- ✔ 1. GBDF
- ✘ 2. BDGF
- ✘ 3. FBDG
- ✘ 4. FDBG

Q.34 A pipe can fill a tank in 12 hours. Another pipe can empty the filled tank in 24 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be two-third filled, is:

Ans
- ✔ 1. 16
- ✘ 2. 64
- ✘ 3. 48
- ✘ 4. 32

Q.35 In February 2025, who won the 'CA in Public Service' award from the Institute of Chartered Accountants of India?

Ans
- ✘ 1. Sushil Kumar Modi
- ✔ 2. Deepak Kumar Kedia
- ✘ 3. Ajay Bhushan Pandey
- ✘ 4. TV Narendran

Q.36 Consider a scenario where a user is interacting with a virtual reality (VR) environment. Which of the following input devices is least likely to be the primary means of navigation and interaction within this immersive environment?

Ans
- ✘ 1. Handheld controllers with positional tracking
- ✘ 2. Head-mounted display with integrated motion tracking
- ✘ 3. Haptic gloves providing tactile feedback
- ✔ 4. Optical mouse connected to the computer

Q.37 Which of the following physiographic regions lies north of the Narmada River?

Ans
- ✔ 1. Malwa Plateau
- ✘ 2. Karnataka Plateau
- ✘ 3. Telangana Plateau
- ✘ 4. Deccan Plateau

Q.38 If $x^2 + y^2 - 16x + 38y + 425 = 0$, then the value of $x^2 + y^2$ is:

Ans
- ✗ 1. 422
- ✗ 2. 432
- ✗ 3. 428
- ✓ 4. 425

Q.39 Reports of the Comptroller and Auditor General of India related to the accounts of a state shall be submitted to whom among the following?

Ans
- ✗ 1. Prime Minister of India
- ✓ 2. Governor of the concerned state
- ✗ 3. President of India
- ✗ 4. Chief Minister of the concerned state

Q.40 Find roots of $x^2 + (2a + 3)x + (a^2 + 3a) = 0$.

Ans
- ✓ 1. $x = -a, -a - 3$
- ✗ 2. $x = a, a + 3$
- ✗ 3. $x = 2a, a + 3$
- ✗ 4. $x = -a, a + 3$

Q.41 YRUO is related to QJMG in a certain way based on the English alphabetical order. In the same way, SLOI is related to KDGA. To which of the given options is UNQK related, following the same logic?

Ans
- ✗ 1. MIFC
- ✗ 2. MIOP
- ✗ 3. MFCI
- ✓ 4. MFIC

Q.42 There are two pumps to fill a tank with water. The first pump can fill the empty tank in 6 hours, while the second in 8 hours. If both the pumps are opened at the same time and kept open for 2 hours, the part of tank that will be filled up is:

Ans
- ✗ 1. $\frac{9}{10}$
- ✗ 2. $\frac{9}{12}$
- ✓ 3. $\frac{7}{12}$
- ✗ 4. $\frac{7}{10}$

Q.43 Which of the following cities hosted the inaugural Women's Hockey India League in 2025?

Ans
- ✗ 1. Chennai
- ✗ 2. Mumbai
- ✗ 3. Bengaluru
- ✓ 4. Ranchi

Q.44 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of patients	29	35	25	10	18	34	17

Ans
- ✗ 1. 39.44
- ✗ 2. 6.56
- ✓ 3. 23.75
- ✗ 4. 22.58

Q.45 Who among the following established its factory in Petapuli on the North Coromandel Coast in 1606?

Ans
- ✗ 1. Spanish East India Company
- ✗ 2. Danish East India Company
- ✓ 3. Dutch East India Company
- ✗ 4. German East India Company

Q.46 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. TXW
- ✗ 2. IML
- ✗ 3. UYX
- ✓ 4. PRS

Q.47 Seven boxes D, E, F, G, I, J and K are kept one over the other but not necessarily in the same order. Only four boxes are kept between E and D. Only F is kept above E. Only two boxes are kept between J and K. G is kept immediately above I. K is not kept immediately above G. Which box is kept fourth from the top?

Ans
- ✗ 1. F
- ✗ 2. D
- ✓ 3. G
- ✗ 4. K

Q.48 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EFR7, HIU12, KLX17, NOA22, ?

Ans
- ✗ 1. QOD27
- ✓ 2. QRD27
- ✗ 3. QRI27
- ✗ 4. PRD27

Q.49 A person drove at 77 km/hr for 3.5 hours, then increased his speed by 9 km/hr, and reached the destination in another hour. Find the average speed (in km/hr) of the person during the entire journey.

Ans
- ✗ 1. 82
- ✗ 2. 75
- ✗ 3. 77
- ✓ 4. 79

Q.50 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LIP NKR PMT ROV ?

Ans
- ✗ 1. TRX
- ✓ 2. TQX
- ✗ 3. TRY
- ✗ 4. TQY

Q.51 D, E, F, H, I, J and K are sitting around a square table facing the centre of the table. Only two people sit between E and J when counted from the right of E. Only two people sit between J and F. Only three people sit between E and I. D sits to the immediate left of K. Who sits third to the left of H?

Ans
- ✗ 1. I
- ✗ 2. E
- ✓ 3. K
- ✗ 4. D

Q.52 The mean proportional between $12 + 3\sqrt{4}$ and $16 - 4\sqrt{4}$ is:

Ans
- ✗ 1. 7
- ✗ 2. 22
- ✗ 3. 19
- ✓ 4. 12

Q.53 'Top-khanah' was the general name given to the military/artillery branch of which of the following?

Ans
- ✗ 1. Ghurid Dynasty
- ✗ 2. Vijayanagara Empire
- ✗ 3. Delhi Sultanate
- ✓ 4. Mughal Dynasty

Q.54 Which of the following statements regarding Exercise Desert Hunt 2025 is/are correct?
The exercise was conducted by the Indian Air Force at an Air Force Station near Siachen Glacier.
It involved Para (Special Forces) of the Indian Army, MARCOS of the Indian Navy, and Garud commandos of the Indian Air Force.
The primary aim was to enhance joint operational capability in high-altitude mountain warfare.
The exercise included combat free falls and hostage rescue operations.

Ans
- ✗ 1. 1, 2 and 3 only
- ✗ 2. 2 only
- ✓ 3. 2 and 4 only
- ✗ 4. 3 and 4 only

Q.55 X varies inversely as Y and Y varies inversely as Z. In a particular case, $X = \frac{1}{2}$ and $Z = \frac{1}{74}$. What will be the value of X when $Z = 7$?

Ans
- ✓ 1. 259
- ✗ 2. 262
- ✗ 3. 260
- ✗ 4. 257

Q.56 The 2025 Pulitzer Prize in Memoir or Autobiography was awarded to which of the following?

Ans
- ✓ 1. *Feeding Ghosts* by Tessa Hulls
- ✗ 2. *Stay True* by Hua Hsu
- ✗ 3. *Spare* by Prince Harry
- ✗ 4. *Heavy* by Kiese Laymon

Q.57 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. OJ – HC
- ✗ 2. NI – GB
- ✓ 3. YT – RN
- ✗ 4. KF – DY

Q.58 Who among the following was appointed as the Director General of the Directorate General of Civil Aviation (DGCA) in January 2025?

Ans
- ✗ 1. Bahadur Singh Sagoo
- ✓ 2. Faiz Ahmed Kidwai
- ✗ 3. Bhuvnesh Kumar
- ✗ 4. Dr. V Narayanan

Q.59 DIOR is related to MQXZ in a certain way based on the English alphabetical order. In the same way, NOYX is related to WWHF. To which of the given options is OMZV related, following the same logic?

Ans
- ✗ 1. XERT
- ✗ 2. XUDI
- ✓ 3. XUID
- ✗ 4. XUIO

Q.60 Which two numbers should be interchanged to make the following equation correct?
(Note: The entire number should be interchanged and not individual digits of a given number.)

$4 \times (56 - 20) + (28 \div 7) \times 5 - 17 = 55$

Ans
- ✗ 1. 4 and 5
- ✗ 2. 20 and 17
- ✗ 3. 4 and 7
- ✓ 4. 56 and 28

Q.61 Anish starts from Point A and drives 3 km towards the East. He then takes a right turn, drives 5 km, turns right and drives 2 km. He then takes a left turn and drives 4 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 9 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
- ✗ 1. 3 km to the West
- ✓ 2. 6 km to the East
- ✗ 3. 6 km to the West
- ✗ 4. 5 km to the East

Q.62 Which of the following stupas marks the spot where Buddha gave his first sermon?

Ans
- ✓ 1. Dhamek stupa
- ✗ 2. Sanchi stupa
- ✗ 3. Mahabodhi stupa
- ✗ 4. Amravati stupa

Q.63 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
PBW : RDV
NDS : PFR

Ans
✗ 1. JMM : LON
✗ 2. PWR : RZQ
✓ 3. LSO : NUN
✗ 4. UIK : WKL

Q.64 In January 2025, who chaired the high-level review meeting on ISRO's upcoming missions for 2025?

Ans
✗ 1. Dr. S Somnath
✗ 2. Pawan Kumar Goenka
✓ 3. Dr. Jitendra Singh
✗ 4. Dr. V Narayanan

Q.65 Which of the following cities hosted the European Political Community Summit in November 2024?

Ans
✗ 1. Vienna
✗ 2. Brussels
✓ 3. Budapest
✗ 4. Prague

Q.66 What price should Kunal mark on a pair of pants which costs him ₹3,300, so as to gain 33% after allowing a successive discount of 25% and 30%?

Ans
✗ 1. ₹8,310
✓ 2. ₹8,360
✗ 3. ₹8,256
✗ 4. ₹8,290

Q.67 The LCM of 44, 86 and another number, x, is 7568. Which of the following can be the value of x?

Ans
✗ 1. 145
✗ 2. 101
✗ 3. 165
✓ 4. 176

Q.68 In the MS PowerPoint 2019 interface, which of the following icons should you click to save changes to the current presentation quickly?

Ans
✗ 1. 
✓ 2. 
✗ 3. 
✗ 4. 

Q.69 12 is related to 8 following a certain logic. Following the same logic, 56 is related to 52. To which of the following is 49 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✔ 1. 45
- ✘ 2. 36
- ✘ 3. 50
- ✘ 4. 40

Q.70 This question is based on the five, three-digit numbers given below.

(Left) 853 628 981 217 132 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

Ans
- ✘ 1. 7
- ✔ 2. 9
- ✘ 3. 13
- ✘ 4. 11

Q.71 Which of the following is NOT a thermometric property?

Ans
- ✘ 1. Pressure of a gas
- ✔ 2. Colour of a substance
- ✘ 3. Electrical resistance
- ✘ 4. Length of a metal rod

Q.72 Public health services remained largely inaccessible to the masses during the colonial rule. What was India's approximate life expectancy at the time of independence?

Ans
- ✘ 1. 42-45 years
- ✘ 2. 55-60 years
- ✔ 3. 30-32 years
- ✘ 4. 60-65 years

Q.73 Harshavardhana belonged to which ancient region?

Ans
- ✔ 1. Thanesar
- ✘ 2. Magadha
- ✘ 3. Agra
- ✘ 4. Malwa

Q.74 The Dedicated Freight Corridor Corporation of India Limited (DFCCIL) was established as a Special Purpose Vehicle (SPV) under which of the following Acts?

Ans
- ✘ 1. Companies Act, 2013
- ✘ 2. Indian Railways Act, 1989
- ✘ 3. Infrastructure Development Act, 2002
- ✔ 4. Companies Act, 1956

Q.75 How many villages in India have completed the computerisation of land records as of March 2025, according to the Department of Land Resources?

Ans

✗ 1. 5.5 lakh

✗ 2. 7.5 lakh

✗ 3. 6 lakh

✓ 4. 6.25 lakh

Q.76 By selling cloth at ₹344/m, a shopkeeper loses 57%. Find the rate (in ₹/m) at which it should be sold so as to earn a profit of 71%.

Ans

✓ 1. 1,368

✗ 2. 1,365

✗ 3. 1,366

✗ 4. 1,367

Q.77 Seven boxes, G, H, I, J, O, P and Q, are kept one over the other but not necessarily in the same order. Only two boxes are kept between I and P. Only O is kept above Q. No box is kept below P. J is kept at some place below H but at some place above G. Which box is kept third above G?

Ans

✗ 1. Q

✓ 2. H

✗ 3. J

✗ 4. O

Q.78 Seven people, A, B, C, D, Q, R and S are sitting in a row, facing north. Only three people sit between A and B. R sits to the immediate left of B. No one sits to the right of D. Only two people sit between D and R. C sits to the immediate right of S. How many people sit between Q and C?

Ans

✗ 1. Four

✗ 2. One

✗ 3. Three

✓ 4. Two

Q.79 What should come in place of the question mark (?) in the given series?
223, 174, 132, 97, 69, ?

Ans

✗ 1. 64

✗ 2. 59

✓ 3. 48

✗ 4. 53

Q.80 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) € & % 6 2 1 € 9 4 5 @ £ $ 4 5 4 & & # 7 £ 7 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans

✗ 1. 4

✗ 2. 3

✗ 3. 5

✓ 4. 2

Q.81 F, G, H, K, L, and M live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor, which is numbered 6. K lives on the topmost floor. Only three people live between K and G. F lives on a floor below G. L lives on an even numbered floor. H lives on an odd numbered floor but not on floor number 5.
How many people live between M and G?

Ans
- ✔ 1. Two
- ✘ 2. Three
- ✘ 3. Four
- ✘ 4. One

Q.82 In 2024, India celebrated its first National Space Day. What event did this day commemorate?

Ans
- ✔ 1. The successful landing of Chandrayaan-3 on the Moon
- ✘ 2. The launch of India's first satellite, Aryabhata
- ✘ 3. The establishment of the Indian Space Research Organisation (ISRO)
- ✘ 4. The launch of India's first manned space mission

Q.83 Which region in India is the least populated due to physical barriers and limited accessibility?

Ans
- ✘ 1. Ganga Basin
- ✔ 2. Northern Himalayas (Ladakh region)
- ✘ 3. Coastal Andhra Pradesh
- ✘ 4. Eastern Rajasthan

Q.84 Which of the following numbers is used to represent the ASCII value of the uppercase letter 'B'?

Ans
- ✘ 1. 97
- ✘ 2. 65
- ✔ 3. 66
- ✘ 4. 90

Q.85 Evaluate $\cos 42^\circ.\cos 18^\circ - \sin 42^\circ.\sin 18^\circ$.

Ans
- ✘ 1. 1
- ✔ 2. $\frac{1}{2}$
- ✘ 3. $\frac{1}{4}$
- ✘ 4. $\frac{1}{3}$

Q.86 When did the citizenship provisions in the Constitution come into effect?

Ans
- ✘ 1. August 15, 1947
- ✘ 2. January 26, 1950
- ✔ 3. November 26, 1949
- ✘ 4. July 19, 1949

Q.87 The simple interest (in ₹) on ₹2,200 at the rate of 7% per annum in 2 years is:

Ans
- ✘ 1. ₹358
- ✘ 2. ₹258
- ✘ 3. ₹408
- ✔ 4. ₹308

Q.88 What is the approximate area covered by the Thar Desert in India?

Ans
- ✗ 1. 2,00,000 km²
- ✗ 2. 1,50,000 km²
- ✗ 3. 1,00,000 km²
- ✓ 4. 1,70,000 km²

Q.89 If $91 \div 13 \times 3^2 - 18 \times 14 \div 2 + 11 = z$, then find value of z.

Ans
- ✗ 1. -49
- ✗ 2. -48
- ✗ 3. -51
- ✓ 4. -52

Q.90 Which of the following can be considered as an immediate cause of the Sanyasi Rebellion?

Ans
- ✓ 1. Restrictions imposed by the British upon pilgrims visiting holy places among both Hindus and Muslims
- ✗ 2. British occupation of Madras region and their new land laws along with the atrocities of the landlords
- ✗ 3. Development of a broad sense of view of Indian Nationalism
- ✗ 4. Implementation of the Chota Nagpur Tenancy Act of 1908

Q.91 The average weight of 5 students is 60 kg. After a new student joins the group, the average becomes 62 kg. What is the weight of the new student?

Ans
- ✗ 1. 70 kg
- ✗ 2. 62 kg
- ✗ 3. 68 kg
- ✓ 4. 72 kg

Q.92 Who specifically paints the Pithora artworks?

Ans
- ✓ 1. Lakhara
- ✗ 2. Farmers
- ✗ 3. Potters
- ✗ 4. Shepherds

Q.93 Which statement is true regarding a balanced diet?

Ans
- ✓ 1. It contains all nutrients in appropriate proportions.
- ✗ 2. It includes only fruits and vegetables.
- ✗ 3. It consists mainly of carbohydrates for energy.
- ✗ 4. It must exclude fats to prevent diseases.

Q.94 Which of the following statements related to the One Nation One Subscription (ONOS) scheme launched in 2024 is/are correct?

Statement 1: The ONOS scheme aims to provide digital access to over 13,000 international journals for research institutions across India.
Statement 2: INFLIBNET(Information and Library Network) is responsible for managing financial transactions related to the subscription charges of these journals.

Ans
- ✓ 1. Only 1
- ✗ 2. Only 2
- ✗ 3. Neither 1 nor 2
- ✗ 4. Both 1 and 2

Q.95 How many offices of the University Grants Commission are in Delhi?

Ans
- ✗ 1. 2
- ✗ 2. 1
- ✗ 3. 4
- ✓ 4. 3

Q.96 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Note: All numbers are single digit numbers only.)

(Left) # 8 2 * 3 & % # £ 2 € 3 5 @ 3 5 * & % @ 3 € (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

Ans
- ✓ 1. 3
- ✗ 2. 5
- ✗ 3. 2
- ✗ 4. 7

Q.97 What is the median of the following data?

46, 19, 87, 72, 80, 91, 82, 15, 53, 86, 26

Ans
- ✗ 1. 71.5
- ✓ 2. 72
- ✗ 3. 72.5
- ✗ 4. 73

Q.98 What was the term for Anglo-Indian bureaucrats in the princely states?

Ans
- ✓ 1. Non-Mulkis
- ✗ 2. Mulkis
- ✗ 3. Zamindars
- ✗ 4. Jagirdars

Q.99 For a regular polygon, the sum of the interior angles is 200% more than the sum of its exterior angles. Each interior angle of the polygon measures x°. What is the value of x?

Ans
- ✗ 1. 155
- ✗ 2. 125
- ✗ 3. 145
- ✓ 4. 135

Q.100 Which Schedule and Article contain the names and extent of states and union territories?

Ans
- ✗ 1. Fourth Schedule – Article 80
- ✗ 2. Second Schedule – Article 5
- ✓ 3. First Schedule – Articles 1 and 4
- ✗ 4. First Schedule – Articles 1 and 2

Test Date	24/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1	**In one hour, a boat goes 46 km/hr in the direction of the stream and 36 km/hr against the direction of the stream. What will be the speed of the current?**
Ans	✔ 1. 5 km/hr
	✘ 2. 4 km/hr
	✘ 3. 11 km/hr
	✘ 4. 2 km/hr

Q.2	**Pipe A can fill an empty cistern alone in 26 hours and pipe B can fill the same cistern alone in 36 hours. The time taken by them to fill half of the cistern by operating together will be:**
Ans	✘ 1. $15\frac{17}{31}\ hours$
	✘ 2. $11\frac{17}{31}\ hours$
	✔ 3. $7\frac{17}{31}\ hours$
	✘ 4. $16\frac{17}{31}\ hours$

Q.3	India's Green Revolution began with experimental programmes. What was the first such initiative called?
Ans	✔ 1. Intensive Agricultural District Programme
	✘ 2. National Seed Plan
	✘ 3. Rural Employment Programme
	✘ 4. Operation Green

Q.4	**In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer.** **Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.** **Conditions:** **(I) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.** **(II) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.** **(III) If the third element is a perfect cube, the second element is to be coded as the code for the third element.** **What will %987 be coded as?**

Number/ symbol	8	6	*	%	9	&	3	+	@	5	$	7	4
Code	W	C	E	J	F	A	D	Q	G	P	R	B	U

Ans	✗ 1. JFWB
	✗ 2. JWFB
	✓ 3. JWWB
	✗ 4. BFWJ

Q.5	**Vinay starts from Point A and drives 3 km towards the North. He then takes a right turn, drives 2 km, turns left and drives 3 km. He then takes a left turn and drives 6 km. He takes a final left turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)**
Ans	✗ 1. 6 km to the East
	✗ 2. 4 km to the West
	✓ 3. 4 km to the East
	✗ 4. 5 km to the East

Q.6	**What is the mode of the following data?** **49, 54, 54, 43, 52, 49, 51, 46, 53, 43, 53, 49, 44, 45, 46, 44, 40, 50, 52, 49**
Ans	✓ 1. 49
	✗ 2. 43
	✗ 3. 54
	✗ 4. 52

Q.7	**Which of the following can be settled in a Lok Adalat?**
Ans	✗ 1. Public interest litigation
	✗ 2. Constitutional matters
	✓ 3. Compoundable offences
	✗ 4. Murder cases

Q.8	**Which of the following positions is NOT found in every Gram Panchayat in India?**
Ans	✗ 1. Elected President (Sarpanch) of the Panchayat
	✗ 2. Panchayat Secretary
	✓ 3. Elected Treasurer of the Panchayat
	✗ 4. Vice President (Upsarpanch) of the Panchayat

Q.9	What should come in place of the question mark (?) in the given series? 4 10 19 34 58 ?
Ans	✔ 1. 94
	✘ 2. 72
	✘ 3. 74
	✘ 4. 89

Q.10	Which country will host the 2025 FIFA Club World Cup, featuring the top football clubs from around the world?
Ans	✘ 1. Spain
	✘ 2. Qatar
	✔ 3. United States
	✘ 4. Saudi Arabia

Q.11	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.) (Left) 3 3 & 7 * € 2 6 8 £ % 5 6 £ © 1 6 & % 8 # # (Right) How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a symbol?
Ans	✘ 1. 3
	✔ 2. 4
	✘ 3. 6
	✘ 4. 5

Q.12	The mean proportional between $4 + 2\sqrt{3}$ and $16 - 8\sqrt{3}$ is:
Ans	✔ 1. 4
	✘ 2. 8
	✘ 3. 9
	✘ 4. 14

Q.13	Which force arises when a body is immersed in a fluid and displaces the fluid?
Ans	✘ 1. Normal reaction
	✔ 2. Buoyant force
	✘ 3. Spring force
	✘ 4. Tension

Q.14	In 2024, which state was selected for the establishment of India's first commercial semiconductor fabrication plant under the India Semiconductor Mission?
Ans	✘ 1. Tamil Nadu
	✘ 2. Uttar Pradesh
	✔ 3. Gujarat
	✘ 4. Maharashtra

Q.15	The government of India decided that Medium-Term and Long-Term Government Deposit (MLTGD) components of Gold Monetisation Scheme (GMS) shall be discontinued from:
Ans	✘ 1. 26 December 2024
	✘ 2. 26 February 2023
	✔ 3. 26 March 2025
	✘ 4. 26 January 2022

Q.16	What major future-focused initiative was discussed during the 67th GBM of the Asian Productivity Organisation APO?
Ans	✔ 1. Green Productivity 2.0 Ecosystem
	✘ 2. Smart Cities 2030
	✘ 3. Digital Governance Network
	✘ 4. Asia-Pacific Free Trade Agreement

Q.17	Amita, Babita, Geeta, Kavita, Meeta, Sarita, Vinita are sitting in a straight line, facing north. Geeta sits third to the right of Kavita. Sarita sits third to the left of Amita, who is third to the left of Meeta. Neither Sarita nor Babita sit immediately next to Kavita. Three of the following four are alike in a certain way based on the given arrangement and thus form a group. Which of the following does NOT belong to that group?
Ans	✔ 1. Amita and Babita
	✘ 2. Vinita and Amita
	✘ 3. Babita and Meeta
	✘ 4. Sarita and Kavita

Q.18	A retailer allows a 10% discount on the marked price. What price (in ₹) must be marked on an item whose cost price is ₹626 to make a profit of 35%?
Ans	✔ 1. 939
	✘ 2. 938
	✘ 3. 937
	✘ 4. 942

Q.19	In Microsoft PowerPoint, which view is best suited for reorganising slides and getting an overview of the entire presentation structure?
Ans	✔ 1. Slide Sorter View
	✘ 2. Normal View
	✘ 3. Slide Show View
	✘ 4. Reading View

Q.20	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.) (Left) 3 © 3 # 1 & & 5 £ 9 3 4 * & 2 2 % 2 2 7 © @ (Right) How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?
Ans	✘ 1. 4
	✘ 2. 5
	✔ 3. 3
	✘ 4. 2

Q.21	Each of the digits in the number 4319286 is arranged in descending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?
Ans	✘ 1. Three
	✘ 2. One
	✘ 3. Two
	✔ 4. None

Q.22	Find the nature of the roots of the quadratic equation $2x^2 + x + 3 = 0$.
Ans	✗ 1. Rational roots
	✗ 2. Real roots and equal
	✓ 3. Imaginary roots
	✗ 4. Distinct real roots

Q.23	Which of the following methods is the easiest way to sort files by name in File Explorer in Windows 11 OS?
Ans	✗ 1. Click the Name column header in File Explorer
	✗ 2. Drag files into alphabetical order manually
	✗ 3. Use the Ctrl + S shortcut
	✓ 4. Right-click → Select Group by → Name

Q.24	The 1991 reforms led to major tax policy changes to boost efficiency and compliance. Which tax reform, implemented in 2017, aimed to unify India's indirect tax structure?
Ans	✗ 1. Service Tax
	✓ 2. GST
	✗ 3. Excise Duty
	✗ 4. VAT

Q.25	Seven people, A, B, C, D, S, T, and U are sitting in a row, facing north. Only two people sit between T and C. Only D sits to the right of U. Only one person sits between C and U. B sits at some place to the right of S but at some place to the left of A. How many people sit between A and S?
Ans	✗ 1. One
	✓ 2. Two
	✗ 3. Three
	✗ 4. Four

Q.26	The Bagh caves, which contain Buddhist mural paintings, are located in which of the following states of India?
Ans	✓ 1. Madhya Pradesh
	✗ 2. Orissa
	✗ 3. Karnataka
	✗ 4. Maharashtra

Q.27	Yōko Ogawa's novel "Mina's Matchbox" was translated into English and released in August 2024. What is the original language of the novel?
Ans	✓ 1. Japanese
	✗ 2. Chinese
	✗ 3. Vietnamese
	✗ 4. Korean

Q.28	Anushka walks to her office 5 km away from home. In the morning she covers the distance in 1 hour, whereas while returning home in the evening, she takes 15 more minutes to cover the same distance. Find her average speed (in km/hr) during the two-way journey.
Ans	✗ 1. $\frac{38}{9}$
	✓ 2. $\frac{40}{9}$
	✗ 3. $\frac{40}{11}$
	✗ 4. $\frac{41}{9}$

Q.29	Two years ago, the average age of A, B and C was 66 years. Two years from now, the average age of A and C will be 89 years. What will be the age (in years) of B, four years from now?
Ans	✗ 1. 37
	✗ 2. 30
	✓ 3. 34
	✗ 4. 31

Q.30	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	✓ 1. KQN
	✗ 2. NTP
	✗ 3. QWS
	✗ 4. TZV

Q.31	T is the wife of S. L is the daughter of T. K is the sister of S. W is the mother of L's father. P is the son of S. How is P related to K?
Ans	✗ 1. Husband's brother
	✗ 2. Husband's father
	✗ 3. Daughter's husband
	✓ 4. Brother's son

Q.32	The average of Sachin's marks in 7 subjects is 76. His average in six subjects excluding English is 70. How many marks did he get in English?
Ans	✗ 1. 113
	✗ 2. 111
	✓ 3. 112
	✗ 4. 114

Q.33	Which of the following is a window provided by the Reserve Bank of India (RBI) for banks to borrow overnight funds at a higher interest rate than the repo rate?
Ans	✗ 1. Open market operation
	✓ 2. Marginal standing facility
	✗ 3. Off budget financing
	✗ 4. Standing deposit facility

Q.34	ABCD is a trapezium in which BC $\|\|$ AD and AC = CD. If $\angle ABC = 13^\circ$ and $\angle BAC = 164^\circ$, then what is the measure of $\angle ACD$?
Ans	✔ 1. 164°
	✘ 2. 161°
	✘ 3. 188°
	✘ 4. 174°

Q.35	**Which of the following accurately explains why a touchscreen can be considered both an input and an output device?**
Ans	✘ 1. It processes user data internally and sends it to memory.
	✔ 2. It allows users to interact with visual data and sends touch signals to the computer.
	✘ 3. It only displays images but responds to voice commands.
	✘ 4. It stores programs and lets users write directly to memory.

Q.36	**Seven boxes D, E, F, G, I, J and K are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and K. Only one box is kept between D and E. E is kept immediately above K. Only four boxes are kept between D and G. J is kept at some place above I. Which box is kept second below J?**
Ans	✘ 1. F
	✘ 2. G
	✔ 3. K
	✘ 4. D

Q.37	**A grocer marked his goods 40% above their cost price and sold them at a discount of X%. If he gained 33% profit, then find the value of X.**
Ans	✘ 1. 4
	✘ 2. 2
	✔ 3. 5
	✘ 4. 3

Q.38	**Hemant and Irfan can complete a certain piece of work in 6 and 10 days, respectively, They started to work together, and after 2 days, Irfan left. In how many days will Hemant complete the remaining work?**
Ans	✘ 1. $\frac{9}{5}$
	✘ 2. $\frac{17}{5}$
	✘ 3. $\frac{11}{5}$
	✔ 4. $\frac{14}{5}$

Q.39	Find the median from the following data.

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	37	11	26	10	39	25	18

Ans	✘ 1. 59 years
	✘ 2. 72 years
	✘ 3. 68 years
	✔ 4. 54 years

Q.40	Which of the following tribal groups is associated with the Hornbill Festival in Nagaland?
Ans	✗ 1. Garo
	✗ 2. Mizo
	✓ 3. Naga
	✗ 4. Ao

Q.41	Who is popularly known as the 'Father of Indian Unrest' for his active role in the Indian independence movement?
Ans	✓ 1. Bal Gangadhar Tilak
	✗ 2. Jawaharlal Nehru
	✗ 3. Mahatma Gandhi
	✗ 4. Subhas Chandra Bose

Q.42	Who among the following took oath as the 26th Director General of the Indian Coast Guard in October 2024?
Ans	✗ 1. Ajit Kumar Saxena
	✗ 2. Manoj Kumar Dubey
	✓ 3. Paramesh Sivamani
	✗ 4. Vijaya Kishore Rahatkar

Q.43	What will come in place of 'A' in the given ratio? $\frac{138}{A} = \frac{4}{50}$
Ans	✗ 1. 1724
	✓ 2. 1725
	✗ 3. 1726
	✗ 4. 1723

Q.44	What happens if a minister is not a member of the Parliament for six consecutive months?
Ans	✓ 1. The minister ceases to hold office.
	✗ 2. The minister must be re-elected within three months.
	✗ 3. The Prime Minister can grant an extension.
	✗ 4. The minister can continue with special permission from the President.

Q.45	The capital of Harshavardhana's empire was:
Ans	✗ 1. Agra
	✗ 2. Thanesar
	✓ 3. Kannauj
	✗ 4. Pataliputra

Q.46	Steve starts from Point A and drives 10 km towards north. He then takes a right turn, drives 7 km, turns right and drives 3 km. He then takes a left turn and drives 5 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)
Ans	✓ 1. 12 km towards west
	✗ 2. 10 km towards south
	✗ 3. 12 km towards east
	✗ 4. 10 km towards west

Q.47	Which type of memory is non-volatile and is used to store essential system instructions in a computer?
Ans	✔ 1. ROM
	✘ 2. Registers
	✘ 3. RAM
	✘ 4. Cache Memory

Q.48	A and B invested money in a business in the ratio of 8 : 5. If 35% of the total profit goes for charity, and A's share in the profit is ₹7,770, what is the total profit?
Ans	✘ 1. ₹19,426
	✘ 2. ₹19,423
	✔ 3. ₹19,425
	✘ 4. ₹19,422

Q.49	Which of the following Articles of the Indian Constitution states about the appointment of the Comptroller and Auditor General of India?
Ans	✘ 1. Article 145
	✘ 2. Article 146
	✘ 3. Article 147
	✔ 4. Article 148

Q.50	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the letter-cluster that DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	✘ 1. UZW
	✘ 2. NSP
	✔ 3. IGL
	✘ 4. SXU

Q.51	Within the cardiac conduction system, which structure is recognised as the primary pacemaker responsible for initiating each heartbeat?
Ans	✘ 1. Bundle of His
	✔ 2. Sinoatrial (SA) node
	✘ 3. Atrioventricular (AV) node
	✘ 4. Purkinje fibers

Q.52	As per February 2025 data, how many sports infrastructure projects have been approved under the Khelo India programme?
Ans	✘ 1. 223
	✘ 2. 423
	✘ 3. 123
	✔ 4. 323

Q.53	**This question is based on the five, three-digit numbers given below.** **(Left) 617 335 930 459 571 (Right)** **(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)** **(Note: All operations to be done from left to right.)** **What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?**
Ans	✗ 1. 13
	✗ 2. 12
	✓ 3. 14
	✗ 4. 15

Q.54	**The Moplah Uprising (also known as the Malabar Rebellion) of 1921, which was against British rule and Hindu landlords, took place in which of the following locations?**
Ans	✗ 1. Bombay
	✓ 2. Kerala
	✗ 3. Uttar Pradesh
	✗ 4. Bengal

Q.55	**Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.** **Statements:** **All cats are bills.** **No snakes are bills.** **All snakes are dolls.** **Conclusions:** **(I) Some dolls are not cats.** **(II) No bills are dolls.**
Ans	✗ 1. Both conclusions (I) and (II) follow.
	✓ 2. Only conclusion (I) follows.
	✗ 3. Only conclusion (II) follows.
	✗ 4. Neither conclusion (I) nor (II) follows.

Q.56	**Who among the following has been elected as the Vice President of Institute of Chartered Accountants of India for the term 2025-26 in February 2025?**
Ans	✗ 1. V Anantha Nageswaran
	✗ 2. Vivek Joshi
	✓ 3. Prasanna Kumar D
	✗ 4. Charanjot Singh Nanda

Q.57	**If Ojaswita received the following marks in five assignments: 82, 86, 92, 75, and 95, what is her average score?**
Ans	✗ 1. 84
	✓ 2. 86
	✗ 3. 87
	✗ 4. 89

Q.58	**Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?** **# : QLO :: QLO : %**
Ans	✔ 1. # = LGJ, % = VQT
	✘ 2. # = LPU, % = VPY
	✘ 3. # = LLP, % = VOY
	✘ 4. # = KJJ, % = MYT

Q.59	**In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.** **SAME - AEMS - EMAS** **GOAL - OLAG - LAOG**
Ans	✘ 1. LEAN - ELAN - NEAL
	✔ 2. SINK - IKNS - KNIS
	✘ 3. YEAK - YAEK - KAEY
	✘ 4. RIPE - IRPE - EIPR

Q.60	**VAGL is related to PUAF in a certain way based on the English alphabetical order. In the same way, XCIN is related to RWCH. To which of the following options is FKQV related, following the same logic?**
Ans	✘ 1. ZPEK
	✔ 2. ZEKP
	✘ 3. ZPKE
	✘ 4. ZEPK

Q.61	**A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.** **Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.**

Number/Symbol	2	9	6	7	4	#	3	@	1
Code	Y	A	L	B	S	D	E	Z	C

Conditions –
(i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©
(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

9 4 @ 1

Ans	✔ 1. ASZC
	✘ 2. ©SZ©
	✘ 3. LZSC
	✘ 4. AZSC

Q.62	**Seven boxes, G, H, I, J, O, P and Q, are kept one over the other but not necessarily in the same order. Only G is kept above J. Only Q is kept between J and H. Only I is kept below P. How many boxes are kept between O and I?**
Ans	✘ 1. Four
	✘ 2. Two
	✔ 3. One
	✘ 4. Three

Q.63	Which of the following devices processes data in the computer system?
Ans	✗ 1. FDD
	✗ 2. RAM
	✓ 3. CPU
	✗ 4. HDD

Q.64	Liberalisation enabled more autonomy and competition in the banking sector. Which of the following was the first private bank to be set up in India after the 1991 reforms?
Ans	✓ 1. HDFC Bank
	✗ 2. IndusInd Bank
	✗ 3. Axis Bank
	✗ 4. ICICI Bank

Q.65	The population of a village was 1,20,000. It increased by 15% in the first year and increased by 20% in the second year. Its population after two years is _____.
Ans	✓ 1. 1,65,600
	✗ 2. 1,38,000
	✗ 3. 1,62,000
	✗ 4. 1,44,000

Q.66	Which of the following statements regarding the Namo Drone Didi scheme launched during 2024 are correct? It is a central sector scheme aimed at empowering women-led SHGs through drone-based agricultural services. The scheme is primarily implemented by the Ministry of Electronics and Information Technology. The scheme aims to enhance the income of women SHGs by providing drones for use in agriculture.
Ans	✓ 1. Only 1 and 3
	✗ 2. 1, 2 and 3
	✗ 3. Only 2 and 3
	✗ 4. Only 1 and 2

Q.67	The volume (in cm^3) of a wire of diameter 14 cm and length 12 m is: Take $\pi = \frac{22}{7}$
Ans	✗ 1. 1,84,400
	✗ 2. 1,84,300
	✗ 3. 1,84,700
	✓ 4. 1,84,800

Q.68	What sum (in ₹) will earn an interest of ₹420 in 2 years at 5% simple interest per year?
Ans	✗ 1. ₹4,350
	✗ 2. ₹4,400
	✗ 3. ₹4,000
	✓ 4. ₹4,200

Q.69	In a certain code language, ‘shirt mile vow’ is coded as 'sh dx rk' and ‘pie vow fork’ is coded as ‘gg ne sh’. How is ‘vow’ coded in the given language?
Ans	✗ 1. rk
	✗ 2. gg
	✓ 3. sh
	✗ 4. dx

Q.70	Simplify: $\frac{\left(\frac{15}{18}\right)}{\left(\frac{15}{3}\right)} \div \left(\frac{3}{6} \times \frac{12}{9} + \frac{2}{6}\right) + \frac{3}{8} \div \frac{18}{15} \text{ of } \frac{15}{8}$
Ans	✗ 1. $\frac{7}{13}$
	✗ 2. $\frac{2}{9}$
	✓ 3. $\frac{1}{3}$
	✗ 4. $\frac{5}{7}$

Q.71	Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ? # : YFI :: LSV : %
Ans	✗ 1. # = UBE, % = BWZ
	✗ 2. # = UBE, % = PWO
	✗ 3. # = VBE, % = PWZ
	✓ 4. # = UBE, % = PWZ

Q.72	Find the greatest number by which when the numbers 176 and 273 are divided, it leaves remainders 5 and 3, respectively.
Ans	✗ 1. 12
	✗ 2. 14
	✗ 3. 10
	✓ 4. 9

Q.73	David’s salary was first reduced by 17% and subsequently raised by 10%. How much percentage was his final salary lower compared to his initial salary?
Ans	✗ 1. 1.7%
	✗ 2. 17%
	✓ 3. 8.7%
	✗ 4. 10%

Q.74	Which smallest number should be added to 25553 so that the sum is completely divisible by 38?
Ans	✓ 1. 21
	✗ 2. 22
	✗ 3. 23
	✗ 4. 18

Q.75	Srirangam Srinivasa Rao (Sri Sri), who received the Sahitya Akademi Award in 1972, primarily wrote poetry in which language?
Ans	✗ 1. Kannada
	✗ 2. Malayalam
	✗ 3. Tamil
	✓ 4. Telugu

Q.76	The India-Afghanistan border is officially referred to as _____.
Ans	✗ 1. McMahon Line
	✗ 2. Line of Control
	✓ 3. Durand Line
	✗ 4. Radcliffe Line

Q.77	When did the central office of the Reserve Bank of India shift to Mumbai?
Ans	✗ 1. 1947
	✗ 2. 1949
	✗ 3. 1935
	✓ 4. 1937

Q.78	The ratio of an exterior angle to the interior angle of a regular polygon A is 1 : 4. Find the number of sides of A.
Ans	✗ 1. 8
	✗ 2. 9
	✓ 3. 10
	✗ 4. 12

Q.79	Each of the digits in the number 1538672 is arranged in ascending order from left to right. What will the sum of the digits which are second from the left and second from the right in the new number thus formed be?
Ans	✗ 1. 12
	✗ 2. 8
	✗ 3. 11
	✓ 4. 9

Q.80	Which region in India is known for experiencing 'Norwesters' during the pre-monsoon season?
Ans	✗ 1. Southern India
	✓ 2. Eastern India
	✗ 3. Northern India
	✗ 4. Western India

Q.81	Who was the Saka Kshatrapa king defeated by Chandragupta II?
Ans	✗ 1. Nahapana
	✗ 2. Rudrasena
	✓ 3. Rudrasimha III
	✗ 4. Rudradaman

Q.82	If $x = 2 + \sqrt{3}$, what is the value of $x^2 + \frac{1}{x^2}$?
Ans	✔ 1. 14
	✘ 2. 16
	✘ 3. 30
	✘ 4. 26

Q.83	**Lokesh ranked 24th from the top and 34th from the bottom in his class. How many students are there in his class?**
Ans	✔ 1. 57
	✘ 2. 58
	✘ 3. 56
	✘ 4. 59

Q.84	**Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?** **AZB 3, ZYA 9, YXZ 27, XWY 81, ?**
Ans	✘ 1. WVX 729
	✘ 2. VWX 729
	✘ 3. WWX 729
	✔ 4. WVX 243

Q.85	**Each of the digits in the number 3178456 is arranged in ascending order from left to right. What will be the sum of the digits which are first from the left and second from the right in the new number thus formed?**
Ans	✘ 1. 14
	✔ 2. 8
	✘ 3. 10
	✘ 4. 4

Q.86	**If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?** **63 D 19 C 6 B 9 D (56 A 4) = ?**
Ans	✘ 1. 96
	✔ 2. 84
	✘ 3. 62
	✘ 4. 120

Q.87	**The profit made on a product is 66%. What is the loss percentage (rounded off to two decimal place) incurred on the sale if the figures of both the cost price and the selling price are interchanged?**
Ans	✔ 1. 39.76%
	✘ 2. 38.40%
	✘ 3. 41.12%
	✘ 4. 38.57%

Q.88	**Who started the Ramakrishna Mission?**
Ans	✘ 1. Ramakrishna Paramhansa
	✘ 2. Gopal Ganesh Agarkar
	✘ 3. Keshub Chandra Sen
	✔ 4. Swami Vivekananda

Q.89	What is the name of the SpaceX mission 2025 that will take astronauts directly over Earth's polar regions?
Ans	✗ 1. Arctic Quest
	✗ 2. Polar Explorer
	✗ 3. Antarctic Odyssey
	✓ 4. Fram2

Q.90	Anuj gets double the amount in 10 years when invested at compound interest, compounded annually. In how many years will the amount become four times itself?
Ans	✗ 1. 39
	✗ 2. 19
	✓ 3. 20
	✗ 4. 40

Q.91	Simplify: $\sqrt{\frac{1+\sin A}{1-\sin A}}+\sqrt{\frac{1-\sin A}{1+\sin A}}$
Ans	✗ 1. $2\cos A$
	✓ 2. $2\sec A$
	✗ 3. $2\,\mathrm{cosec}\,A$
	✗ 4. $2\sin A$

Q.92	Construction is classified under which sector in India?
Ans	✗ 1. Tertiary
	✗ 2. Quaternary
	✓ 3. Secondary
	✗ 4. Primary

Q.93	If $x^2 + y^2 - 12x + 18y + 117 = 0$, then the value of $x^2 + y^2$ is:
Ans	✗ 1. 109
	✗ 2. 121
	✗ 3. 116
	✓ 4. 117

Q.94	A cylinder is surmounted by a cone at one end and a hemisphere at the other end. The common radius is 7 cm, the height of the cylinder is 6 cm and the total height of the structure is 32 cm. Find the volume (in cm^3) of the structure. $Use\ \pi = \frac{22}{7}$
Ans	✗ 1. 2621
	✗ 2. 2616
	✗ 3. 2620
	✓ 4. 2618

Q.95	What should come in place of the question mark (?) in the given series based on the English alphabetical order? QTM ORK MPI KNG ?
Ans	✗ 1. IKF
	✗ 2. IKE
	✗ 3. ILF
	✓ 4. ILE

Q.96	What should come in place of the question mark (?) in the given series? 28, 39, 61, 94, 138, ?
Ans	✗ 1. 183
	✓ 2. 193
	✗ 3. 173
	✗ 4. 163

Q.97	According to the NITI Aayog's discussion paper released in January 2024, which state recorded the highest number of people escaping multidimensional poverty between 2013-14 and 2022-23?
Ans	✗ 1. Rajasthan
	✓ 2. Uttar Pradesh
	✗ 3. Bihar
	✗ 4. Jharkhand

Q.98	In a laboratory thermometer, what is the usual temperature range?
Ans	✓ 1. -10°C to 110°C
	✗ 2. 32°F to 212°F
	✗ 3. 0°C to 100°C
	✗ 4. 94°F to 108°F

Q.99	Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) 10 - 20 - 25 - 50; 3 - 6 - 11 - 22
Ans	✗ 1. 13 - 15 - 30 - 35
	✗ 2. 19 - 21 - 22 - 44
	✓ 3. 5 - 10 - 15 - 30
	✗ 4. 6 - 12 - 14 - 16

Q.100	Wet farming is typically practised in which type of soil?
Ans	✗ 1. Black soil
	✓ 2. Alluvial soil
	✗ 3. Red soil
	✗ 4. Laterite soil

Test Date	24/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC Graduate Level I**

Q.1 If $m = a\cos^3\beta$ and $n = b\sin^3\beta$, then find the value of $\left\{\frac{m}{a}\right\}^{\frac{2}{3}} + \left\{\frac{n}{b}\right\}^{\frac{2}{3}}$.

Ans
✗ 1. 3
✗ 2. 0
✓ 3. 1
✗ 4. 2

Q.2 **The LCM of 40, 78 and another number, x, is 7800. Which of the following can be the value of x?**

Ans
✗ 1. 180
✓ 2. 200
✗ 3. 127
✗ 4. 152

Q.3 **Which traditional method of Vedic chanting is regarded as the most complex and extensive among all the recitation styles?**

Ans
✗ 1. Jatapatha
✗ 2. Shikhapatha
✗ 3. Dandapatha
✓ 4. Ghanapatha

Q.4 **Which keyboard shortcut is used in MS PowerPoint 365 to start editing text inside a selected shape or text box?**

Ans
✗ 1. F5
✗ 2. Ctrl + E
✗ 3. Alt + Enter
✓ 4. F2

Q.5 **Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?**

DJ26 EK37 FL48 GM59 ?

Ans
✗ 1. HM71
✓ 2. HN70
✗ 3. HM70
✗ 4. HN71

Q.6 **Which of the following is the primary objective of the Sagarmala Project by the Ministry of Shipping?**

Ans

✗ 1. Coastal city modernisation

✓ 2. Industrial corridor development

✗ 3. Port-led development

✗ 4. Inland waterway expansion

Q.7 **What should come in place of the question mark (?) in the given series?**
187, 173, 160, 148, 137, ?

Ans

✓ 1. 127

✗ 2. 117

✗ 3. 131

✗ 4. 129

Q.8 **Seven people, A, B, C, D, S, T, and U are sitting in a row, facing north.**
No one sits to the right of D. Only three people sit between D and S. Only two people sit between S and T. C sits third to the left of U. A sits to the immediate right of U.
How many people sit between B and T?

Ans

✗ 1. Four

✓ 2. Three

✗ 3. One

✗ 4. Two

Q.9 **Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)**

10 - 20 - 30 - 60; 2 - 4 - 14 - 28

Ans

✗ 1. 12 - 24 - 34 - 64

✗ 2. 8 - 10 - 20 - 40

✓ 3. 5 - 10 - 20 - 40

✗ 4. 15 - 30 - 35 - 60

Q.10 **Which of the following scenarios would most effectively necessitate the use of a three-dimensional reference within an MS Excel formula?**

Ans

✗ 1. Applying conditional formatting to a range of cells based on values in another worksheet within the same workbook

✗ 2. Creating a chart that visualizes data points sourced from several different workbooks

✓ 3. Summing values from a specific cell across a sequence of identically structured worksheets representing monthly data for a year

✗ 4. Calculating the average sales figures across multiple non-contiguous worksheets for the same product category

Q.11 **A shopkeeper fixes the marked price of an item 50% above its cost price. What percentage of discount on the marked price should be allowed to gain 8%?**

Ans

✗ 1. 29%

✗ 2. 30%

✓ 3. 28%

✗ 4. 27%

Q.12 **A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.**

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	9	7	6	-	8	@	#	+	2	%	÷	3	1	&
Code	C	R	J	Z	L	F	I	Y	Q	P	V	S	U	E

Conditions:
If the fourth element is a number, then it is to be coded as γ.
If the first element is a multiple of 3, then it is to be coded as β.
If the second and the fifth elements are symbols, then the codes for these two (the second and the fifth elements) are to be interchanged.
What will be the code for the following group?

9 # @ 2 7

Ans
✗ 1. γIFβR
✗ 2. βIFQR
✗ 3. CIFQR
✓ 4. βIFγR

Q.13 The mean proportional between $9 + 3\sqrt{7}$ and $18 - 6\sqrt{7}$ is:

Ans
✓ 1. 6
✗ 2. 1
✗ 3. 13
✗ 4. 9

Q.14 **The success of the Green Revolution was dependent on institutional support. Which organisation played a key role in agricultural research and the dissemination of HYV seeds in India?**

Ans
✗ 1. DRDO
✓ 2. ICAR
✗ 3. NITI Aayog
✗ 4. NABARD

Q.15 **In a certain code language, 'LIKE' is coded as '5738' and 'TASK' is coded as '2819'. What is the code for 'K' in the given code language?**

Ans
✓ 1. 8
✗ 2. 9
✗ 3. 2
✗ 4. 3

Q.16 **A grocer marked his goods at 70% above the cost price and sold them at a discount of X%. If he gained 53% profit, then find the value of X.**

Ans
✗ 1. 11
✗ 2. 9
✓ 3. 10
✗ 4. 7

Q.17 The Emperor of Gladness, set in East Gladness, Connecticut, is a 2025 novel by which author?

Ans

✗ 1. Dan Brown

✗ 2. Philip Pullman

✓ 3. Ocean Vuong

✗ 4. John Scalzi

Q.18 Sharad can complete a piece of work alone in 13 days and Varad can complete the same piece of work alone in 9 days. They started the work together, but Varad had to leave 11 days before the completion of the work. In how many days will the work complete?

Ans

✗ 1. $9\frac{10}{11}$

✗ 2. $10\frac{5}{11}$

✓ 3. $11\frac{9}{11}$

✗ 4. $12\frac{2}{11}$

Q.19 Which Indian Constitutional Amendment Act states about the minimisation of inequalities in income, status, facilities and opportunities as Directive Principle to State Policy?

Ans

✓ 1. 44th Amendment Act of 1978

✗ 2. 86th Amendment Act of 2002

✗ 3. 42nd Amendment Act of 1976

✗ 4. 97th Amendment Act of 2011

Q.20 The difference between an interior angle and an exterior angle of a regular polygon is 140°. Find the number of sides of the polygon.

Ans

✗ 1. 15

✗ 2. 16

✓ 3. 18

✗ 4. 20

Q.21 Which city hosted the 55th International Film Festival of India in November 2024?

Ans

✗ 1. Bengaluru

✗ 2. New Delhi

✗ 3. Mumbai

✓ 4. Panaji

Q.22 What should come in place of the question mark (?) in the given series?

4 8 15 27 46 ? 113

Ans

✗ 1. 72

✗ 2. 68

✗ 3. 76

✓ 4. 74

Q.23 Each of the digits in the number 7416385 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that/those in the original number?

Ans
- ✔ 1. None
- ✘ 2. Three
- ✘ 3. Two
- ✘ 4. One

Q.24 Find the value of $\frac{(0.06)^2 + (0.66)^2 + (0.666)^2}{(0.006)^2 + (0.066)^2 + (0.0666)^2}$.

Ans
- ✘ 1. 60
- ✘ 2. 600
- ✘ 3. 10
- ✔ 4. 100

Q.25 Who among the following was considered the first notable king of the Pushyabhuti dynasty, ruling from 580-605 CE?

Ans
- ✘ 1. Rajyavardhana
- ✔ 2. Prabhakaravardhana
- ✘ 3. Harshavardhana
- ✘ 4. Naravardhana

Q.26 Hitesh is three times as old as his son, and his daughter is 3 years younger than the son. If the sum of the ages of these three people 3 years ago was 123 years, then Hitesh's present age (in years) is:

Ans
- ✔ 1. 81
- ✘ 2. 72
- ✘ 3. 88
- ✘ 4. 91

Q.27 How are the proceedings and status of a Lok Adalat treated under Indian law?

Ans
- ✘ 1. Proceedings are informal and not recognised under any law.
- ✘ 2. Proceedings are advisory and Lok Adalat is not considered a civil court.
- ✔ 3. Proceedings are judicial and Lok Adalat is deemed a civil court under CrPC.
- ✘ 4. Proceedings are not judicial and have no legal standing in courts.

Q.28 If $x^2 + y^2 - 10x + 26y + 194 = 0$, then the value of $x^2 + y^2$ is:

Ans
- ✘ 1. 190
- ✔ 2. 194
- ✘ 3. 198
- ✘ 4. 200

Q.29 Who among the following launched the IndiaAI initiatives in 2025?

Ans
- ✘ 1. Minister of Science and Technology
- ✔ 2. Union IT Minister
- ✘ 3. Prime Minister of India
- ✘ 4. Director of IndiaAI Mission

Q.30 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All tanks are figs.
No eagles are tanks.
Some mugs are eagles.

Conclusions:
(I) Some figs are not eagles.
(II) Some mugs are not tanks.

Ans
✗ 1. Only conclusion (I) follows.
✗ 2. Both conclusions (I) and (II) follow.
✓ 3. Neither conclusion (I) nor (II) follows.
✗ 4. Only conclusion (II) follows.

Q.31 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

(110 R 32) Q 2 S 9 P 4 R 21 = ?

Ans
✗ 1. 36
✗ 2. 22
✓ 3. 54
✗ 4. 48

Q.32 S is the father of W. D is the only sister of W. R is the mother's mother of D. L, the mother of P, is married to S.

How is P related to W?

Ans
✗ 1. Sister's husband
✗ 2. Father's brother
✓ 3. Brother
✗ 4. Sister

Q.33 The 1991 economic reforms in India led to rapid industrialisation and expansion of energy-intensive sectors. Which market-based mechanism has India adopted to balance industrial growth, energy efficiency and emissions?

Ans
✗ 1. Green GDP Accounting
✗ 2. Food Security Act
✓ 3. Perform, Achieve and Trade (PAT) scheme
✗ 4. Make in India

Q.34 Mohan can do a piece of work in 9 hours. Pramod can do it in 21 hours. With the assistance of Ashish, they completed the work in 6 hours. In how many hours can Ashish alone do twice the same work?

Ans
✗ 1. 251
✓ 2. 252
✗ 3. 254
✗ 4. 253

Q.35 Which of the following components is included in the Pradhan Mantri Awas Yojana PMAY-U 2.0 scheme launched in 2024 to provide housing solutions specifically for migrants and workers?

Ans
✗ 1. Subsidy scheme
✗ 2. Builders-led construction
✓ 3. Affordable rental housing complexes
✗ 4. Affordable housing for senior citizens

Q.36 Mr. RST starts from Point A and drives 16 km towards the south. He then takes a left turn, drives 6 km, turns left and drives 23 km. He then takes a left turn and drives 8 km, turns left and drives 3 km. He then takes a right turn and drives 4 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

Ans
- ✗ 1. 3 km to the west
- ✗ 2. 5 km to the north
- ✓ 3. 6 km to the east
- ✗ 4. 2 km to the south

Q.37 Which of the following is an example of a Tier I city in India?

Ans
- ✗ 1. Jaipur
- ✗ 2. Bhopal
- ✗ 3. Amritsar
- ✓ 4. Kolkata

Q.38 Raj spent ₹1,200, ₹1,300, ₹1,400, ₹1,100, ₹1,300 and ₹1,200 on six consecutive days of a trip. What was his average daily spending over these six days?

Ans
- ✗ 1. ₹1,300
- ✓ 2. ₹1,250
- ✗ 3. ₹1,150
- ✗ 4. ₹1,350

Q.39 The simple interest (in ₹) on ₹2,200 at the rate of 5% per annum in 2 years is:

Ans
- ✓ 1. ₹220
- ✗ 2. ₹320
- ✗ 3. ₹170
- ✗ 4. ₹270

Q.40 This question is based on the five, three-digit numbers given below.

(Left) 514 414 422 875 167 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

Ans
- ✗ 1. 2
- ✗ 2. 1
- ✓ 3. −1
- ✗ 4. −2

Q.41 Seven boxes D, E, F, G, I, J and K are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between J and G. Only three boxes are kept between J and K. K is kept at some place above G. E is kept immediately below K. F is kept at one of the places above D. I is not kept immediately above or below J. Which box is kept at the lowermost position?

Ans
- ✗ 1. K
- ✓ 2. D
- ✗ 3. G
- ✗ 4. F

Q.42 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

SAND - DSNA - SDAN
GUNT - TGNU - GTUN

Ans
- ✔ 1. JUNK - KJNU - JKUN
- ✘ 2. SEAL - ESAL - LEAS
- ✘ 3. FEAR - RFEA - EARF
- ✘ 4. POLE - EPLO - POEL

Q.43 If A varies directly as B, and A = 210 when B = 51, then find A when B = 136.

Ans
- ✘ 1. 563
- ✔ 2. 560
- ✘ 3. 558
- ✘ 4. 559

Q.44 Which Indian states does the Thar Desert primarily cover?

Ans
- ✔ 1. Rajasthan and Gujarat
- ✘ 2. Gujarat and Maharashtra
- ✘ 3. Rajasthan and Punjab
- ✘ 4. Rajasthan and Uttar Pradesh

Q.45 Which cytoskeletal protein is the major component of neurofilaments that helps maintain the caliber and integrity of large axons?

Ans
- ✘ 1. Keratin protein
- ✘ 2. Actin protein
- ✔ 3. Neurofilament protein
- ✘ 4. Tubulin protein

Q.46 In April 2025, India and Italy strengthened their strategic partnership by advancing cooperation in which of the following areas?

Ans
- ✘ 1. Space exploration and agriculture
- ✔ 2. Trade, defense, clean energy, and connectivity
- ✘ 3. Education and healthcare
- ✘ 4. Tourism and cultural exchange

Q.47 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: RMN :: TOP : %

Ans
- ✔ 1. # = MHI, % = YTU
- ✘ 2. # = MOU, % = YLU
- ✘ 3. # = KJI, % = YMU
- ✘ 4. # = NHI, % = YOK

Q.48 David ranked 19^{th} from the top and 25^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✘ 1. 42
- ✔ 2. 43
- ✘ 3. 44
- ✘ 4. 45

Q.49 If the length of a cuboid is 4 cm, breadth is 46 cm and volume is 8832 cm^3, then find the height (in cm) of the cuboid.

Ans
- ✗ 1. 43
- ✓ 2. 48
- ✗ 3. 41
- ✗ 4. 57

Q.50 Find the median from the following data.

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	11	16	14	29	40	21	17

Ans
- ✗ 1. 80 years
- ✗ 2. 59 years
- ✗ 3. 79 years
- ✓ 4. 61 years

Q.51 In Windows 11 OS, which of the following is NOT allowed in a file or folder name?

Ans
- ✗ 1. Hyphens (-)
- ✓ 2. Symbols like asterisk (*) or question mark (?)
- ✗ 3. Underscores (_)
- ✗ 4. Letters and numbers

Q.52 What was the theme of Financial Literacy Week 2025 observed from 24 to 28 February?

Ans
- ✓ 1. Financial Literacy - Women's Prosperity
- ✗ 2. Credit Discipline and Credit from Formal Institutions
- ✗ 3. Go Digital, Go Secure
- ✗ 4. Financial Literacy: A Step Towards Empowerment

Q.53 The most important source for Samudragupta's reign is:

Ans
- ✗ 1. Milindapanho
- ✓ 2. Prayagraj Prashasti
- ✗ 3. Arthashastra
- ✗ 4. Vishnu Purana

Q.54 If $72 \div 18 \times 3^2 - 21 \times 12 \div 3 + 12 = z$, then find value of z.

Ans
- ✗ 1. -28
- ✗ 2. -44
- ✗ 3. -31
- ✓ 4. -36

Q.55 Zakir starts from Point A and drives 7 km towards the South. He then takes a left turn, drives 2 km, turns right and drives 7 km. He then takes a left turn and drives 11 km. He then takes a left turn and drives 8 km. He then takes a left turn and drives 2 turns. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
- ✗ 1. 10 km to the West
- ✗ 2. 9 km to the West
- ✓ 3. 11 km to the West
- ✗ 4. 13 km to the West

Q.56 What are the units for base quantities called?

Ans
- ✗ 1. Standard basic units
- ✓ 2. Fundamental or base units
- ✗ 3. Basic constants
- ✗ 4. Derived basic units

Q.57 On a circular path of 2742 m, Riya and Trisha start walking from the same point but in opposite directions at the speed of 4.6 m/s and X m/s, respectively. They will meet for the first time after 457 seconds. Find the value of X.

Ans
- ✗ 1. 0.8
- ✗ 2. 2.2
- ✗ 3. 1.1
- ✓ 4. 1.4

Q.58 A man has to cover a distance of 387 km in 18 hours. If he covers two – third of this distance in $\frac{6}{9}$ of the time, then what should his speed (in km/hr) be to cover the remaining distance in the time left?

Ans
- ✓ 1. 21.5
- ✗ 2. 6.3
- ✗ 3. 23.7
- ✗ 4. 10.7

Q.59 Who elects the members of the Estimates Committee in the Indian Parliament?

Ans
- ✗ 1. Members of the Rajya Sabha
- ✗ 2. Prime Minister
- ✓ 3. Members of the Lok Sabha
- ✗ 4. President of India

Q.60 This question is based on the five, three-digit numbers given below.

(Left) 103 678 217 111 537 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the first digit of the lowest number?

Ans
- ✗ 1. 12
- ✗ 2. 10
- ✓ 3. 8
- ✗ 4. 6

Q.61 What is required for the generation of a sound wave?

Ans
- ✗ 1. Vacuum only
- ✗ 2. Electromagnetic carrier wave only
- ✓ 3. Vibration and an elastic medium only
- ✗ 4. Air molecules only

Q.62 The Cornwallis Code, introduced in 1793, is known for _____.

Ans
- ✗ 1. promoting native Indians in judiciary
- ✗ 2. introducing English as the court language
- ✓ 3. abolishing the zamindari system
- ✗ 4. establishing uniform police and judiciary reforms

Q.63 A manufacturer fixes his selling price at 30% over the cost of production. If the cost of production goes up by 30%, and the manufacturer raises his selling price by 70%, find the profit percentage.

Ans

✔ 1. 70%

✘ 2. 73%

✘ 3. 69%

✘ 4. 71%

Q.64 In a row of 22 students facing north, Suman is 14^{th} from the left end. If Dipa is 2^{nd} to the right of Suman, what is Dipa's position from the right end of the line?

Ans

✘ 1. 5^{th}

✔ 2. 7^{th}

✘ 3. 8^{th}

✘ 4. 6^{th}

Q.65 Which of the following statements DOES NOT describe the primary difference between SRAM and DRAM in terms of their internal architecture and performance characteristics?

Ans

✘ 1. SRAM uses more transistors (typically six per cell), which makes it less dense, while DRAM uses just one transistor and one capacitor per cell, making it more compact.

✘ 2. SRAM uses more transistors per bit to store data, providing faster access times compared to DRAM.

✘ 3. SRAM is much faster because it has a simple design and doesn't need to refresh data, while DRAM is slower due to the need for periodic refreshes.

✔ 4. SRAM is faster and more expensive, making it suitable for main system memory, while DRAM is slower and cheaper, making it ideal for Cache memory.

Q.66 A number when increased by $57\frac{1}{2}\%$, gives 378. The number is:

Ans

✔ 1. 240

✘ 2. 200

✘ 3. 400

✘ 4. 100

Q.67 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

AAA 5, BCD 10, CEG 15, DGJ 20, ?

Ans

✔ 1. EIM 25

✘ 2. EKM 25

✘ 3. ETM 25

✘ 4. EGM 25

Q.68 Which factor primarily contributed to the development of nucleated settlements in the Bundelkhand region of central India?

Ans

✘ 1. Availability of mineral resources

✔ 2. Security concerns and invasions

✘ 3. Fertile soil and irrigation facilities

✘ 4. Proximity to trade routes

Q.69 Which of the following is NOT one of the factors that the Prime Minister should consider when selecting ministers for the Union Council of Ministers in India?

Ans

✘ 1. Representation of backward classes

✘ 2. Geographical representation

✔ 3. Representation of foreign communities

✘ 4. Individual capacity and capability

Q.70 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 7521432, what will be the sum of digits which are second from left and third from right in the new number thus formed?

Ans
- ✔ 1. 9
- ✘ 2. 6
- ✘ 3. 10
- ✘ 4. 8

Q.71 The length of each of the two equal sides of an isosceles triangle is 41 cm and the length of its base is 18 cm. The area (in cm^2) of the triangle is:

Ans
- ✘ 1. 351
- ✘ 2. 355
- ✔ 3. 360
- ✘ 4. 365

Q.72 VBCD is related to MTTV in a certain way based on the English alphabetical order. In the same way, LVSX is related to CNJP. To which of the following options is KXRZ related, following the same logic?

Ans
- ✘ 1. BROP
- ✔ 2. BPIR
- ✘ 3. BPRI
- ✘ 4. BRIP

Q.73 Which smallest number should be added to 22938 so that the sum is completely divisible by 7?

Ans
- ✘ 1. 5
- ✘ 2. 6
- ✔ 3. 1
- ✘ 4. 2

Q.74 Which international organisation launched the 'AI for Good' initiative in 2025?

Ans
- ✘ 1. United Nations Educational, Scientific and Cultural Organisation
- ✘ 2. Organisation for Economic Co-operation and Development
- ✔ 3. International Telecommunication Union
- ✘ 4. International Monetary Fund

Q.75 Each of the digits in the number 5123487 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
- ✘ 1. Two
- ✘ 2. One
- ✔ 3. None
- ✘ 4. Three

Q.76 India's demographic profile on the eve of independence reflected the socio-economic backwardness imposed by colonial rule. Which of the following options best describes the health care and nutrition status on the eve of independence?

Ans
- ✔ 1. Low life expectancy with high birth and death rates
- ✘ 2. High life expectancy with high birth rates and low death rate
- ✘ 3. High life expectancy with low birth and death rates
- ✘ 4. Moderate life expectancy with declining birth and death rates

Q.77 A hollow spherical shell is made of a metal of density 7 g/cm^3. Its internal and external radii are 0 cm and 3 cm, respectively. What is the approximate weight (in kg) of the shell?

$(\text{Take } \pi = \frac{22}{7}, \text{Density} = \frac{\text{Mass}}{\text{Volume}})$

Ans
- ✗ 1. 2.208
- ✗ 2. 2.14
- ✓ 3. 0.792
- ✗ 4. 2.15

Q.78 In a certain code language, 'CURE' is coded as '5783' and 'RIGS' is coded as '2179'. What is the code for 'R' in the given code language?

Ans
- ✗ 1. 2
- ✗ 2. 1
- ✗ 3. 8
- ✓ 4. 7

Q.79 'Swaraj Dweep', a popular tourist destination known for its beaches, is located in:

Ans
- ✗ 1. Gulf of Mannar
- ✗ 2. Lakshadweep Islands
- ✓ 3. Andaman and Nicobar Islands
- ✗ 4. Daman and Diu

Q.80 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. PRL
- ✗ 2. IKE
- ✗ 3. HJD
- ✓ 4. PLO

Q.81 What is the primary purpose of the 'Sections' feature in MS PowerPoint when managing a large presentation?

Ans
- ✗ 1. To apply different themes to specific groups of slides
- ✗ 2. To create hyperlinks between different parts of the presentation
- ✗ 3. To enable collaborative editing of specific parts of the presentation by different users
- ✓ 4. To divide the presentation into logical groupings for better organization and navigation during editing and presenting

Q.82 Find the value of K, for which the quadratic equation $x^2 + 4x + K = 0$ has equal roots.

Ans
- ✗ 1. 3
- ✗ 2. 5
- ✓ 3. 4
- ✗ 4. 6

Q.83 The average height of 15 boys out of a class of 50 is 160 cm. If the average height of the remaining boys is 168 cm, the average height (in cm) of all the boys of the class is:

Ans
- ✗ 1. 165
- ✓ 2. 165.6
- ✗ 3. 166.6
- ✗ 4. 164

Q.84 **Which policy of the British greatly affected the tribal landholding patterns and led to widespread discontent among the tribes, thereby fueling rebellions?**

Ans

✗ 1. The Ryotwari System

✗ 2. Doctrine of Lapse

✗ 3. Permanent Settlement

✓ 4. Forest Laws and land settlements

Q.85 **The President of India possesses the power to remove or recall officials such as Governors and Ambassadors. This power is exercised based on the advice of:**

Ans

✗ 1. a resolution passed by the Parliament

✓ 2. the Union Council of Ministers

✗ 3. the State Governments

✗ 4. the Supreme Court of India

Q.86 **If A's salary is 12% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)?**

Ans

✗ 1. 13.26%

✓ 2. 10.71%

✗ 3. 11.73%

✗ 4. 12.47%

Q.87 **What is the name of the equestrian competition event that began on March 25, 2025, and ended on March 30, 2025, where Niharika Singhania secured the first position?**

Ans

✓ 1. Azelhof CSI Lier

✗ 2. Asian Equestrian Games

✗ 3. Indian Equestrian Championship

✗ 4. World Equestrian Cup

Q.88 **Consider the following statements regarding the visit of Indian Navy's First Training Squadron (1TS) to Thailand in March 2025.**
INS Sujata, INS Shardul and ICGS Veera were part of the Indian Navy's First Training Squadron that visited Phuket Deep Sea Port.
The Indian ships conducted PASSEX with HTMS Huahin.
The visit included war-like drills, such as simulated naval combat and live-fire exercises.

Which of the above statements is/are correct?

Ans

✗ 1. Only 2 and 3

✓ 2. Only 1 and 2

✗ 3. 1, 2 and 3

✗ 4. Only 1

Q.89 **In India, which sector is responsible for transforming natural products into manufactured goods?**

Ans

✓ 1. Secondary sector

✗ 2. Primary sector

✗ 3. Information sector

✗ 4. Tertiary sector

Q.90 **Crisil projects India's bank credit growth to accelerate to how much percentage in FY26?**

Ans

✗ 1. 13-14%

✗ 2. 15-16%

✗ 3. 14-15%

✓ 4. 12-13%

Q.91 The median of the observations 54, 65, 77, 34, 68, 66, 60, 70, 33, 71 and 15 is:

Ans
- ✗ 1. 61
- ✗ 2. 66
- ✗ 3. 68
- ✓ 4. 65

Q.92 Who is the first Indian boxer to win a gold medal at the World Boxing Cup 2025?

Ans
- ✗ 1. Manish Rathore
- ✓ 2. Hitesh Gulia
- ✗ 3. Jadumani Singh Mandengbam
- ✗ 4. Abhinash Jamwal

Q.93 Which of the following statements is/are correct regarding the Dandi March of 1930?
(a) The march started from Sabarmati Ashram and ended at Dandi, covering a distance of 240 miles.
(b) The Dandi March led to the signing of the Poona Pact.

Ans
- ✗ 1. Neither (a) nor (b)
- ✓ 2. Only (a)
- ✗ 3. Both (a) and (b)
- ✗ 4. Only (b)

Q.94 Tejas gets double the amount in 11 years when invested at compound interest, compounded annually. In how many years will the amount become four times itself?

Ans
- ✗ 1. 21
- ✗ 2. 44
- ✗ 3. 43
- ✓ 4. 22

Q.95 This question is based on the five, three-digit numbers given below.

(Left) 307 485 194 237 937 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

Ans
- ✓ 1. –6
- ✗ 2. –4
- ✗ 3. –5
- ✗ 4. –3

Q.96 In which of the following buildings/towns constructed by the Mughals is Salim Chishti's tomb situated?

Ans
- ✗ 1. Agra Fort
- ✗ 2. Red Fort
- ✗ 3. Taj Mahal
- ✓ 4. Fatehpur Sikri

Q.97 **Anu, Beena, Deepa, Heena, Kareena, Leena and Reena sit in a straight line, facing north. Kareena sits third to the right of Beena, who sits second to the right of Deepa. Reena sits to the immediate left of Leena. Anu sits second to the left of Heena. Three of the following four are alike in a certain way based on the given arrangement and thus form a group. Who among the following do NOT belong to that group?**

Ans
- ✗ 1. Anu and Deepa
- ✓ 2. Heena and Reena
- ✗ 3. Leena and Kareena
- ✗ 4. Beena and Reena

Q.98 **Sohit and Rohit have a certain sum of money in the ratio of 17 : 14 and they spend their money on purchasing books in the ratio of 12 : 8. After purchasing books each of them has ₹3,392. Find the amount of money that Sohit initially had.**

Ans
- ✗ 1. ₹7,274
- ✓ 2. ₹7,208
- ✗ 3. ₹7,256
- ✗ 4. ₹7,218

Q.99 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ 1. ELH
- ✗ 2. JQM
- ✓ 3. GNI
- ✗ 4. LSO

Q.100 **GG 12 is related to CB 29 in a certain way. In the same way, IK 2 is related to EF 19. To which of the following is RN -6 related, following the same logic?**

Ans
- ✗ 1. MI 6
- ✗ 2. NH 11
- ✓ 3. NI 11
- ✗ 4. MH 6