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FOR RRB GROUP D EXAM PREPARATION

RRB Group D 2025 Question Paper · All Shifts (in English)

EXAM	YEAR	TYPE	SUBJECT	DATE
RRB Group D	2025	Question Paper	All Shifts (in English)	04 Dec

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०८/२०२४ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 08/2024- Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	04/12/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage 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 : **General Science**

Q.1 **A charge of 1.5 C is moved through a potential difference. If the work done is 30 J, what is the potential difference between the two points?**

Ans
- ✗ A. 45 V
- ✗ B. 25 V
- ✗ C. 30 V
- ✓ D. 20 V

Q.2 **If a body falls freely from a height, its potential energy is converted into _____.**

Ans
- ✗ A. Thermal energy
- ✗ B. Chemical energy
- ✗ C. Sound energy
- ✓ D. Kinetic energy

Q.3 **A car travels 100 km at an average speed of 50 km h^{-1} and immediately returns along the same route covering the distance in 1 hour. What is the average speed of the car for the entire journey in m s^{-1}?**

Ans
- ✓ A. 18.52 m s−1
- ✗ B. 16.67 m s−1
- ✗ C. 20.0 m s−1
- ✗ D. 13.9 m s−1

Q.4 **Read the statements given below and select the correct option.**

Statement I: Zinc displaces copper from copper sulphate solution, but copper cannot displace zinc from zinc sulphate solution.
Statement II: Zinc is more reactive than copper in the reactivity series.

Ans
- ✗ A. Only statement I is correct.
- ✗ B. Both statements are correct, but Statement II does not explain Statement I.
- ✗ C. Only statement II is correct.
- ✓ D. Both statements are correct, and Statement II correctly explains Statement I.

Q.5 **Which of the following organisms reproduce by the method of binary fission?**

Ans
- ✓ A. Leishmania
- ✗ B. Rose plant
- ✗ C. Butterfly
- ✗ D. Neem plant

Q.6 The reactivity series, also known as the activity series, is a list of metals arranged in order of their:

Ans

✗ A. first decreasing, then increasing reactivity

✗ B. first increasing, then decreasing reactivity

✗ C. increasing reactivity

✓ D. decreasing reactivity

Q.7 The atomic number is defined as the total number of _____ present in the nucleus of an atom.

Ans

✓ A. only protons

✗ B. only neutrons

✗ C. neutrons and half of the protons

✗ D. protons and neutrons

Q.8 A concave lens produces an image one-third the size of the object. If the focal length is 12 cm, the object distance is:

Ans

✗ A. 18 cm

✓ B. 24 cm

✗ C. 12 cm

✗ D. 36 cm

Q.9 What is the need for sexual reproduction in plants?

Ans

✗ A. To produce identical clones

✗ B. To eliminate the need for pollination

✓ C. To increase genetic variation for better adaptation

✗ D. To avoid growing flowers

Q.10 Which of the following gases is evolved when dilute hydrochloric acid reacts with sodium hydrogencarbonate?

Ans

✗ A. Nitrogen

✗ B. Oxygen

✗ C. Hydrogen

✓ D. Carbon dioxide

Q.11 In the connective tissue, what is the relative position of the cells with respect to each other?

Ans

✗ A. Tightly packed

✗ B. One above the other

✗ C. Loosely packed

✓ D. Far away from each other

Q.12 Which of the following represents an end product of anaerobic respiration in animals?

Ans

✗ A. Oxygen

✗ B. Glucose

✓ C. Lactic acid

✗ D. Carbon monoxide

Q.13 If the thrust acting on a surface is constant but the area of contact decreases, the pressure:

Ans

✗ A. becomes zero

✗ B. remains the same

✗ C. decreases

✓ D. increases

Q.14 A gun recoils backward when fired. The backward motion of the gun is due to:

Ans

✗ A. Friction between gun and person

✓ B. Reaction force of the bullet on the gun

✗ C. Air resistance

✗ D. Gravity acting on the gun

Q.15 Which of the following compounds is unsaturated?

Ans

✗ A. Butane

✗ B. Methane

✓ C. Propene

✗ D. Propane

Q.16 Which of the following is a popular marine fish variety found in India?

Ans

✓ A. Pomfret

✗ B. Catla

✗ C. Mrigal

✗ D. Rohu

Q.17 The Law of conservation of mass states that:

Ans

✗ A. pressure can neither be created nor destroyed in a chemical reaction

✗ B. temperature can neither be created nor destroyed in a chemical reaction

✓ C. mass can neither be created nor destroyed in a chemical reaction

✗ D. volume can neither be created nor destroyed in a chemical reaction

Q.18 Which of the following methods is NOT effective to prevent the corrosion of metals?

Ans

✗ A. Applying sacrificial anodes

✗ B. Painting

✗ C. Galvanisation

✓ D. Exposure to moisture

Q.19 Sound waves in air are longitudinal because:

Ans

✗ A. Particles move perpendicular to direction of propagation

✗ B. Particles move randomly

✓ C. Particles move along the direction of propagation

✗ D. Air molecules do not vibrate

Q.20 What is the atomic mass of Carbon-13 Isotope?

Ans

✓ A. 13 amu

✗ B. 12 amu

✗ C. 11 amu

✗ D. 14 amu

Q.21 Which of the following environmental cues determined the sex of fertilised egg in few reptiles?

Ans

✗ A. Wind velocity

✓ B. Temperature

✗ C. Touch

✗ D. Water

Q.22 **In the sign convention for lenses, all distances are measured from:**

Ans

✗ A. The principal axis only

✗ B. The focus of the lens

✗ C. The pole of the lens

✓ D. The optical centre of the lens

Q.23 **What is the name of the place where bees are kept for commercial honey production?**

Ans

✓ A. Apiary

✗ B. Sanctuary

✗ C. Aquarium

✗ D. Aviary

Q.24 **Which of the following cell organelles releases Adenosine Tri Phosphate (ATP) molecules needed for life activities?**

Ans

✗ A. Golgi apparatus

✓ B. Mitochondria

✗ C. Vacuoles

✗ D. Lysosomes

Q.25 **The magnetic field at the centre of a current carrying circular loop is directly proportional to _____.**

Ans

✗ A. inverse of current flowing through the loop

✗ B. the square of the current flowing through the loop

✗ C. the square of the radius of the circular loop

✓ D. the current flowing through the loop

Section : **Mathematics**

Q.26 **What is the simple interest on a sum of ₹3,500, if the rate of interest for the first 6 years is 8% per annum and for the last 3 years is 3% per annum?**

Ans

✗ A. ₹2,025

✗ B. ₹1,955

✓ C. ₹1,995

✗ D. ₹2,015

Q.27 $\frac{1}{20}$ is what percentage of $\frac{2}{50}$?

Ans

✓ A. 125%

✗ B. 135%

✗ C. 140%

✗ D. 250%

Q.28 **The sides of a triangle are 102 cm, 154 cm, and 80 cm. What is the length (in cm) of its altitude corresponding to the side with a length of 154 cm?**

Ans

✗ A. 94

✗ B. 3

✓ C. 48

✗ D. 15

Q.29 Seema bought a microwave oven for ₹7,500 and sold it for ₹8,750. Find Seema's profit percentage. (Round off your answer to two decimal places.)

Ans

✗ A. 18.67%

✗ B. 16.33%

✓ C. 16.67%

✗ D. 14.23%

Q.30 A garrison of 1,200 men has provisions for 12 days. How long (in days) will the provisions last if the garrison is increased to 1,800 men?

Ans

✗ A. 7

✗ B. 9

✗ C. 10

✓ D. 8

Q.31 A train overtakes two persons walking along a railway track. The first one walks at 5.4 km/hr. The other one walks at 18 km/hr. The train needs 30 and 44 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

✗ A. 49 km/hr

✗ B. 37 km/hr

✓ C. 45 km/hr

✗ D. 38 km/hr

Q.32 R pays ₹20 with ₹2 and ₹5 coins. If at least one coin of each denomination is used in paying the amount, then the number of ₹2 coins used is _____.

Ans

✗ A. 8

✗ B. 10

✓ C. 5

✗ D. 4

Q.33 The ratio of the ages of John and James will be 8 : 7 after 8 years. If the difference between their ages is 5 years, find the present age of James.

Ans

✓ A. 27 years

✗ B. 32 years

✗ C. 28 years

✗ D. 35 years

Q.34 The sum of three numbers is 4512. If the ratio between the first and second numbers is 16 : 9 and that of between the second and third is 15 : 21, then find the difference between the first and the third number.

Ans

✓ A. 408

✗ B. 389

✗ C. 398

✗ D. 480

Q.35 The unit prices of lemon chocolate and strawberry chocolate are in the ratio 28 : 26, and a family consumes them in the ratio 15 : 14 by quantity. Find the ratio of expenditure on strawberry chocolate to that on lemon chocolate.

Ans

✗ A. 12 : 21

✗ B. 10 : 21

✗ C. 15 : 17

✓ D. 13 : 15

Q.36 The length of each of the two equal sides of an isosceles triangle is 78 cm, and the length of its base is 60 cm. Find the area (in cm^2) of the triangle.

Ans

✗ A. 2158

✗ B. 2175

✗ C. 2165

✓ D. 2160

Q.37 Simplify the following.

$(2x^3y^5z) \times (5xy^6z^2) \div (15x^2yz^2)$

Ans

✗ A. $\frac{2x^2y^{10}z}{5}$

✗ B. $\frac{x^2y^5z^2}{2}$

✓ C. $\frac{2x^2y^{10}z}{3}$

✗ D. $\frac{x^2y^{10}z}{3}$

Q.38 One pipe can fill a tank in 6 minutes while another pipe can empty the completely filled tank in 12 minutes. If both the pipes are opened together when the tank is empty, how many minutes will it take to fill one-fourth of the tank?

Ans

✗ A. 9

✗ B. 12

✓ C. 3

✗ D. 6

Q.39 The vertices of a quadrilateral are A(2,3), B(5,7), C(10,6), and D(7,2). Find the area of the quadrilateral ABCD.

Ans

✓ A. 23 sq. units

✗ B. 20 sq. units

✗ C. 28 sq. units

✗ D. 25 sq. units

Q.40 If 30% of 40% of $\frac{5}{9}$ of a number is 704, find the number.

Ans

✗ A. 13,420

✓ B. 10,560

✗ C. 10,540

✗ D. 10,960

Q.41 The number of prime numbers lying between 440 and 452 is:

Ans

✗ A. 3

✗ B. 1

✓ C. 2

✗ D. 0

Q.42 A train, 1195 m-long, is running at a speed of 23m/s. If it takes 72 seconds to cross a tunnel, then find the length of the tunnel.

Ans

✗ A. 454 m

✓ B. 461 m

✗ C. 462 m

✗ D. 452 m

Q.43 The marked price of an item is set at 51% above its cost price. If the merchant sells the item at 8% below the marked price, his profit percentage (rounded off to 1 decimal place) is:

Ans

✔ A. 38.9%

✘ B. 36.8%

✘ C. 42.4%

✘ D. 42.9%

Q.44 If $X - Y = 20$ and $XY = 12$, then find the value of $X^2 + Y^2$.

Ans

✘ A. 426

✔ B. 424

✘ C. 420

✘ D. 422

Q.45 From a point on the ground, the angle of elevation to the top of a tower is θ such that $\tan\theta = 3/4$. Find the sine of angle θ.

Ans

✘ A. $\frac{4}{5}$

✔ B. $\frac{3}{5}$

✘ C. $\frac{3}{4}$

✘ D. $\frac{5}{3}$

Q.46 Calculate the mode of the following data. (Round off to two decimal places)

Marks	4-8	8-12	12-16	16-20	20-24	24-28	28-32	32-36
No. of Students	9	12	18	34	26	20	12	7

Ans

✘ A. 24.67

✘ B. 20.67

✔ C. 18.67

✘ D. 22.67

Q.47 A class of 43 students took a Physics test. 10 students had an average score of 99. The other students had an average score of 55. What is the average score (rounded off to one decimal place) of the whole class?

Ans

✘ A. 74.8

✘ B. 67.5

✔ C. 65.2

✘ D. 66.8

Q.48 If an item marked at ₹758 is sold for ₹256, then what is the discount percentage? (Round off the answer to two decimal places)

Ans

✘ A. 68.31%

✘ B. 68.01%

✘ C. 68.94%

✔ D. 66.23%

Q.49 2 men or 9 women can do a job in 9 days. 2 men work for 5 days and leave. The number of women required to complete the remaining work in 9 days is:

Ans
- ✔ A. 4
- ✘ B. 6
- ✘ C. 3
- ✘ D. 7

Q.50 The income of Raman is ₹25,000. He saves 25.5% of his income. If his income increases by 20% and expenditure increases by 40%, then his savings will:

Ans
- ✘ A. increase by ₹2,446
- ✘ B. increase by ₹2,453
- ✔ C. decrease by ₹2,450
- ✘ D. decrease by ₹2,452

Section : General Intelligence and Reasoning

Q.51 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

21 ÷ 5 – 25 + 180 × 3 = ?

Ans
- ✔ A. 70
- ✘ B. 75
- ✘ C. 72
- ✘ D. 74

Q.52 In a certain code language,

'A ? B' means 'A is the daughter of B',
'A = B' means 'A is the wife of B',
'A @ B' means 'A is the mother of B' and
'A √ B' means 'A is the father of B'.

How is C related to L if 'C @ D ? E √ F = L'?

Ans
- ✘ A. Wife's sister
- ✘ B. Wife
- ✔ C. Wife's mother
- ✘ D. Mother

Q.53 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
- ✘ A. UX-SW
- ✘ B. RU-PT
- ✔ C. LO-JM
- ✘ D. OR-MQ

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 conclusions logically follow(s) from the statements.

Statements:
All necks are faces.
Some necks are arms.

Conclusions:
(I): All arms are necks.
(II): Some faces are arms.

Ans
- ✗ A. Only I follows
- ✗ B. Both follow
- ✗ C. Neither follows
- ✓ D. Only II follows

Q.55 Seven people, A, B, C, D, E, F, and G, are sitting in a row, facing the north. Only five people sit between D and F. G sits to the immediate left of F. Only one person sits between G and A. B sits at some place to the left of C but at some place to the right of E. How many people sit to the right of A?

Ans
- ✗ A. 1
- ✓ B. 3
- ✗ C. 4
- ✗ D. 2

Q.56 Mr. Z starts from Point A and drives 14 km towards the North. He then takes a left turn, drives 19 km, then turns left and drives 30 km. He then takes a left turn and drives 21 km. He takes a final left turn, drives 16 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
- ✗ A. 5 km to the north
- ✗ B. 1 km to the south
- ✗ C. 3 km to the east
- ✓ D. 2 km to the west

Q.57 Himesh starts from Point A and drives 4 km towards the south. He then takes a left turn, drives 7 km, turns right and drives 6 km. He then takes a right turn and drives 7 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
- ✗ A. 4 km towards north
- ✗ B. 7 km towards west
- ✗ C. 11 km towards east
- ✓ D. 7 km towards north

Q.58 In a certain code language, 'OVAL' is coded as '2635' and 'LAVE' is coded as '5762'. What is the code for 'E' in the given code language?

Ans
- ✓ A. 7
- ✗ B. 2
- ✗ C. 6
- ✗ D. 5

Q.59 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 balls are hens.
All vans are hens.

Conclusion (I) : Some balls are vans.
Conclusion (II) : All hens are vans.

Ans
- ✗ A. Only conclusion (I) follows.
- ✓ B. Neither conclusion (I) nor (II) follows.
- ✗ C. Only conclusion (II) follows.
- ✗ D. Both conclusions (I) and (II) follow.

Q.60 Refer to the following series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.

(Left) 7 1 8 3 3 1 5 4 8 5 1 4 4 9 5 9 6 8 7 3 5 3 6 6 9 (Right)

How many such digits are there each of which is immediately preceded by a perfect square and also immediately followed by a perfect square?
(Note: 1 is also a perfect square)

Ans
- ✓ A. Four
- ✗ B. Three
- ✗ C. Five
- ✗ D. One

Q.61 What should come in place of the question mark (?) in the given series?
153 135 117 99 81 ?

Ans
- ✗ A. 69
- ✗ B. 61
- ✓ C. 63
- ✗ D. 68

Q.62 QN 3 is related to RJ −12 in a certain way. In the same way, HE 7 is related to IA −8. To which of the given options is LI 11 related, following the same logic?

Ans
- ✗ A. LE −8
- ✗ B. MD −8
- ✓ C. ME −4
- ✗ D. LD −4

Q.63 F, G, H, I, M, N and O are sitting around a circular table, facing the centre of the table. Only two people sit between F and G, when counted from the right of F. Only two people sit between G and M, when counted from right of G. Only three people sit between F and N, when counted from the right of F. H sits to the immediate left of I. Who sits third to the left of O?

Ans
- ✓ A. I
- ✗ B. G
- ✗ C. H
- ✗ D. F

Q.64 If each of the digits in the number 47315628 is arranged in ascending order from left to right, then the position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
- ✗ A. Three
- ✗ B. One
- ✓ C. Four
- ✗ D. Two

Q.65 In a certain code language, 'she play guiter' is coded as 'so tn yw' and 'play chess daily' is coded as 'nj bg so'. How is 'play' coded in the given language?

Ans

✗ A. tn

✗ B. bg

✗ C. nj

✓ D. so

Q.66 Refer to the following series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.

(Left) 9 1 9 1 1 5 4 2 2 9 4 3 9 3 7 1 1 6 7 3 2 2 2 7 4 6 7 (Right)

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

Ans

✓ A. 2

✗ B. 3

✗ C. 1

✗ D. 4

Q.67 A, B, C, R, S, T and U are sitting around a circular table facing the centre of the table. Only one person sits between B and T when counted from the right of B. Only one person sits between T and R when counted from the left of R. Only one person sits between B and U when counted from the right of U. Only two people sit between C and R when counted from the left of R. Only one person sits between A and U when counted from the right of A. Who sits third to the right of S ?

Ans

✓ A. T

✗ B. C

✗ C. R

✗ D. A

Q.68 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

48 + 36 ÷ 36 × 24 – 50 = ?

Ans

✗ A. 46

✓ B. 44

✗ C. 45

✗ D. 42

Q.69 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 which follows the same logic.

TIPS - PTIS - SPIT
LOST - SLOT - TSOL

Ans

✗ A. FROM - OFRM - ROMF

✓ B. SPIN - ISPN - NIPS

✗ C. OATH - OTAH - HTAO

✗ D. BOND - OBND - DONB

Q.70 Seven boxes M, N, O, P, Q, R, and S are kept one over the other but not necessarily in the same order. Only three boxes are kept above S. Only one box is kept between R and S. Only three boxes are kept between R and Q. Q is kept at some place above S. N is kept immediately below Q. M is kept at one of the places above O. P is not kept immediately above or below R. Which box is kept at the lowermost position?

Ans

✗ A. N

✗ B. M

✓ C. O

✗ D. S

Q.71 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 1 # 2 3 Ω 9 % 4 7 8 & * £ 5 + @ 6 $ (Right)

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

Ans
- ✗ A. 3
- ✗ B. 5
- ✓ C. 2
- ✗ D. 4

Q.72 What should come in place of the question mark (?) in the given series?

20 27 13 34 ? 41

Ans
- ✗ A. 10
- ✗ B. 4
- ✓ C. 6
- ✗ D. 8

Q.73 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
- ✗ A. YV−RO
- ✓ B. RO−JJ
- ✗ C. HE−AX
- ✗ D. EB−XU

Q.74 What should come in place of the question mark (?) in the given series?

24 35 47 60 ? 89

Ans
- ✗ A. 70
- ✗ B. 72
- ✗ C. 66
- ✓ D. 74

Q.75 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HCK 29, KHH 42, NME 55, QRB 68, ?

Ans
- ✗ A. TXZ 81
- ✗ B. SWX 83
- ✗ C. UVY 81
- ✓ D. TWY 81

Q.76 John ranked 21st from the bottom and 33rd from the top in his class. How many students are there in his class?

Ans
- ✓ A. 53
- ✗ B. 52
- ✗ C. 51
- ✗ D. 50

Q.77 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 3 4 9 7 £ % & # 7 3 1 8 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
- ✗ A. 3
- ✗ B. 0
- ✗ C. 2
- ✓ D. 1

Q.78 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

OZJ81, QWN78, STR75, ?

Ans
- ✗ A. VQW73
- ✗ B. VRV73
- ✗ C. URW72
- ✓ D. UQV72

Q.79 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.)

(13, 39, 3)
(15, 75, 5)

Ans
- ✓ A. (12, 36, 3)
- ✗ B. (64, 8, 4)
- ✗ C. (10, 35, 3)
- ✗ D. (5, 25, 15)

Q.80 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.

CAFE - CEAF - ECFA
ABLY - AYBL - YALB

Ans
- ✗ A. NEAR - NREA - ENAR
- ✗ B. KALE - KLAE - ELAK
- ✗ C. MAZE - AMZE - EAZM
- ✓ D. ECHO - EOCH - OEHC

Section : General Awareness and Current Affairs

Q.81 As per the India Justice Report, 2025, (which presents a comprehensive assessment of the capacity and performance of Indian states in delivering justice) which of the following states ranked top among small states?

Ans
- ✗ A. Manipur
- ✓ B. Sikkim
- ✗ C. Nagaland
- ✗ D. Goa

Q.82 The Constitution (Scheduled Tribes) Order (Third Amendment) Bill, 2022, seeks to amend the Constitution (Scheduled Tribes) Order, 1950, with respect to its application to _____.

Ans
- ✗ A. Tamil Nadu
- ✓ B. Himachal Pradesh
- ✗ C. Andhra Pradesh
- ✗ D. Punjab

Q.83 As per the survey conducted by the Yale Program on Climate Change Communication and CVoter from 5 December 2024 to 18 February 2025, what percentage of Indians reported experiencing severe heatwaves in the past 12 months?

Ans
- ✗ A. 85%
- ✗ B. 60%
- ✓ C. 71%
- ✗ D. 52%

Q.84 As notified in April 2025, how many new species of Sericinae scarab beetles from the biodiversity-rich regions of India were discovered by Zoological Survey of India in collaboration with Germany's Museum A. Koenig?

Ans
- ✗ A. 7
- ✓ B. 6
- ✗ C. 5
- ✗ D. 4

Q.85 Which of the following countries hosted the 2025 ISSF World Cup in Rifle/Pistol shooting?

Ans
- ✗ A. Peru
- ✓ B. Germany
- ✗ C. Egypt
- ✗ D. India

Q.86 According to the January 2025 draft rules of the Digital Personal Data Protection Rules (DPDP) Act, children under what age require parental consent to join social media platforms?

Ans
- ✗ A. 16 years
- ✗ B. 15 years
- ✗ C. 20 years
- ✓ D. 18 years

Q.87 As per the announcement made in May 2025, India is set to conduct its first-ever biological experiments aboard the International Space Station (ISS) to study the sustainability of Human life in Space, as an important initiative under the _____.

Ans
- ✓ A. BioE3 Biotechnology policy
- ✗ B. BioE5 Biotechnology policy
- ✗ C. BioE9 Biotechnology policy
- ✗ D. BioE7 Biotechnology policy

Q.88 The C40 World Mayors Summit of 3-5 November 2025 is scheduled for which city?

Ans
- ✗ A. London, UK
- ✗ B. Seoul, South Korea
- ✓ C. Rio de Janeiro, Brazil
- ✗ D. New York, USA

Q.89 **Which of the following teams set the 4x100m relay record at the National Relay Carnival 2025?**

Ans

✗ A. Anas, Jacob, Ajmal, Ramesh

✓ B. Gurindervir Singh, Animesh Kujur, Manikanta Hoblidar and Amlan Borgohain

✗ C. Archana, Dhanalakshmi, Hima, Dutee

✗ D. Archana, Dhanalakshmi, Manikanta Hoblidar and Amlan Borgohain

Q.90 **As of June 2025, who announced the decision to host Khelo India Northeast Games every year?**

Ans

✗ A. Narendra Modi

✗ B. Gajendra Singh Shekhawat

✓ C. Mansukh Mandaviya

✗ D. Dharmendra Pradhan

Q.91 **In May 2025, which organization released the Global Report on Food Crises, highlighting rising hunger due to conflict and climate extremes?**

Ans

✗ A. World Bank

✗ B. UN Environment Programme

✗ C. Food and Agriculture Organization

✓ D. Global Network Against Food Crises

Q.92 **Which of the following bodies implemented the 'UPI for International Transactions' pilot in 2025?**

Ans

✓ A. National Payments Corporation of India (NPCI)

✗ B. Reserve Bank of India (RBI)

✗ C. Securities and Exchange Board of India (SEBI)

✗ D. Central Board of Direct Taxes (CBDT)

Q.93 **What was the purpose of Operation Brahma launched by India in March 2025?**

Ans

✗ A. War extradition

✓ B. Earthquake relief

✗ C. Military exercise

✗ D. Tsunami relief

Q.94 **Which film featuring caste and police brutality themes was submitted as India's Oscar entry but banned domestically by the Central Board of Film Certification?**

Ans

✗ A. Dacoit

✓ B. Santosh

✗ C. Bhool Chuk Maaf

✗ D. Chhaava

Q.95 **In June 2025, up to what loan amount did the Reserve Bank of India raise the Loan-to-Value (LTV) ratio on gold loans from 75% to 85%?**

Ans

✗ A. ₹4.5 lakhs

✗ B. ₹5.5 lakhs

✗ C. ₹3.5 lakhs

✓ D. ₹2.5 lakhs

Q.96 **Who did Praggnanandhaa defeat to reach the No.1 spot among Indian chess players?**

Ans

✗ A. D Gukesh

✗ B. Fabiano Caruana

✓ C. Nodirbek Abdusattorov

✗ D. Hikaru Nakamura

Q.97 **The National Conference on 'Environment – 2025', inaugurated by President Droupadi Murmu, was held in which city?**

Ans
- ✗ A. Mumbai
- ✓ B. New Delhi
- ✗ C. Bengaluru
- ✗ D. Hyderabad

Q.98 **In May 2025, iPhone maker Foxconn announced to invest how much amount in India?**

Ans
- ✗ A. US$ 3.5 billion
- ✗ B. US$ 5.2 billion
- ✗ C. US$ 4.2 billion
- ✓ D. US$ 1.5 billion

Q.99 **The September 2025 guidelines on Anganwadi–School co-location emphasise which key component of child development?**

Ans
- ✗ A. Universal Primary Health Coverage
- ✗ B. Digital Literacy and Coding Skills
- ✗ C. Vocational Training for Adolescents
- ✓ D. Early Childhood Care and Education

Q.100 **Which year was declared as the 'Year of Reforms' by the Ministry of Defence of the Government of India?**

Ans
- ✗ A. 2026
- ✓ B. 2025
- ✗ C. 2024
- ✗ D. 2023

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०८/२०२४ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 08/2024- Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	04/12/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage 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 : **General Science**

Q.1	**Which of the following situations involves an unbalanced force?**
Ans	✔ A. A ball rolling on the ground and eventually stopping
	✘ B. A car moving with uniform speed on a straight road
	✘ C. A person standing still on the ground
	✘ D. A book kept on a table

Q.2	**Which of the following cells has dendrite on one end?**
Ans	✘ A. Monocyte
	✘ B. Platelet
	✔ C. Neuron
	✘ D. Red blood cell

Q.3	**Which of the following best explains the term 'formula unit mass'?**
Ans	✘ A. The mass of a single molecule of an element
	✘ B. The mass of a single atom of an element
	✘ C. The mass of one mole of a substance
	✔ D. The total mass of all atoms in one formula unit of a compound

Q.4	**Through which part of the female reproductive system does the egg travel from the ovary to the uterus?**
Ans	✔ A. Fallopian tube
	✘ B. Vagina
	✘ C. Ureter
	✘ D. Cervix

Q.5	**Which of the following options is INCORRECT regarding when rate of evaporation increases?**
Ans	✘ A. Increase in wind speed
	✘ B. Increase in temperature
	✔ C. Increase in humidity
	✘ D. Increase in surface area

Q.6	**A farmer wants to improve both the quantity and quality of honey produced on their farm. What practice should they adopt?**
Ans	✗ A. Reduce the number of flowering plants
	✗ B. Keep the bees in shaded areas away from plants
	✗ C. Remove all wildflowers from the area
	✓ D. Ensure nectar-rich flowers bloom throughout the season

Q.7	**Which of the following is true regarding loudness of sound?**
Ans	✗ A. Loudness depends on the frequency.
	✓ B. Loudness depends on the amplitude.
	✗ C. Loudness depends on the wavelength.
	✗ D. Loudness depends on the speed of wave.

Q.8	**Which of the following statements is correct about the 'Attraction of particles of matter'?**
Ans	✗ A. The force of attraction is same for different particles.
	✗ B. The force of attraction is more in liquids as compared to solids.
	✓ C. The force of attraction is different for different particles.
	✗ D. The force of attraction is less in liquids as compared to gases.

Q.9	**Which incident was responsible for the beginning of the Chipko Movement in the village of Reni?**
Ans	✗ A. Industrial development planned by villagers
	✗ B. Sale of forest by local residents
	✓ C. Approval given to a contractor to fell trees near the village
	✗ D. Government decision to use forest land for farming

Q.10	**What are the two main properties of carbon that contribute to its 'versatile nature' and its ability to form a large number of compounds?**
Ans	✗ A. High melting point and ductility
	✓ B. Catenation and tetravalency
	✗ C. Good conductivity and sonorous nature
	✗ D. Isomerism and allotropy

Q.11	**Work done by a constant force is zero if:**
Ans	✗ A. force is variable
	✗ B. displacement is small
	✗ C. force is large
	✓ D. displacement is zero or perpendicular to force

Q.12	**निम्नलिखित में से कौन-सा संचलन, ऐच्छिक पेशियों द्वारा होता है?**
Ans	✓ A. जिह्वा का संचलन (Movement of tongue)
	✗ B. हृदय का संचलन (Movement of heart)
	✗ C. आमाशय भित्तियों में संचलन (Movement in the stomach walls)
	✗ D. आंत्रों में संचलन (Movement in intestines)

Q.13	**Which of the chemical formulae represents bleaching powder?**
Ans	✗ A. Ca(ClO2)
	✗ B. Ca2(ClO)2
	✗ C. Ca(ClO2)2
	✓ D. Ca(ClO)2

Q.14	**The defect in which a person cannot see distant objects clearly but can see nearby objects is called _____.**
Ans	✗ A. astigmatism
	✗ B. presbyopia
	✓ C. myopia
	✗ D. hypermetropia

Q.15	**Which of the following shows acidic behaviour in aqueous solution?**
Ans	✗ A. KOH
	✗ B. $Ca(OH)_2$
	✓ C. HCl
	✗ D. NaOH

Q.16	**Which type of meristematic tissue is responsible for increase in the height of plants?**
Ans	✓ A. Apical meristem
	✗ B. Secondary meristem
	✗ C. Lateral meristem
	✗ D. Cambium

Q.17	**Which of the following statement(s) is/are true about the pressure exerted by fluids?** **(i) Fluids exert pressure on the base and walls of the container in which they are enclosed.** **(ii) Pressure exerted in any confined mass of fluid is transmitted unequally in different directions.**
Ans	✗ A. Neither (i) nor (ii)
	✗ B. Both (i) and (ii)
	✓ C. Only (i)
	✗ D. Only (ii)

Q.18	**Select the group of organisms in which asexual reproduction occurs by fission.**
Ans	✗ A. Flowering plants
	✗ B. All plants
	✓ C. Blue-green algae
	✗ D. All seed plants

Q.19	**Which of the following statements is NOT true about average speed?**
Ans	✓ A. To find speed, we need both the magnitude and direction of the object
	✗ B. Its SI unit is metres per second (m/s)
	✗ C. Speed is calculated as distance divided by time
	✗ D. Average speed only needs the magnitude, not direction

Q.20	**A convex lens has a focal length of 25 cm. What is the power of this convex lens?**
Ans	✗ A. −4.0 D
	✓ B. +4.0 D
	✗ C. +3.0 D
	✗ D. −2.0 D

Q.21	**Which among the following is NOT a physical characteristic of ionic compounds?**
Ans	✗ A. Conducts electricity in molten state
	✗ B. High melting point
	✓ C. Insoluble in water
	✗ D. High boiling point

Q.22	**What is the role of the pollen tube in plant fertilisation?**
Ans	✗ A. To produce the male germ cell
	✓ B. To transport the male germ cell to the female germ cell
	✗ C. To form the zygote
	✗ D. To transport pollen grains to the stigma

Q.23	**The most common electrolyte to be used for electrolytic refining of copper would be the solution of acidified:**
Ans	✗ A. copper carbonate
	✗ B. copper chloride
	✓ C. copper sulphate
	✗ D. copper oxide

Q.24	**Which of the following statements is correct?**
Ans	✓ A. Right-hand thumb rule gives the direction of magnetic field around a straight conductor.
	✗ B. Right-hand thumb rule cannot be applied to a straight conductor.
	✗ C. Right-hand thumb rule cannot be applied to circular loops.
	✗ D. Right-hand thumb rule can be used to find the force on a conductor in a magnetic field.

Q.25	**If a current-carrying conductor is placed in a magnetic field and the direction of current is reversed, the force on the conductor _____.**
Ans	✓ A. reverses direction
	✗ B. remains the same
	✗ C. becomes zero
	✗ D. doubles

Section : **Mathematics**

Q.26	**Which of the following numbers is divisible by 7, 11 and 13?**
Ans	✗ A. 1546
	✗ B. 2121
	✗ C. 3026
	✓ D. 6006

Q.27	If 30% of 50% of $\frac{2}{3}$ of a number is 325, find the number.
Ans	✗ A. 5230
	✓ B. 3250
	✗ C. 5330
	✗ D. 2590

Q.28	A company sells an article at a price such that it earns a 25% profit on the selling price. What is the actual profit percentage on the cost price? (correct to two decimal places)
Ans	✗ A. 32.33%
	✓ B. 33.33%
	✗ C. 30.33%
	✗ D. 35.33%

Q.29	**A ladder is leaning against a wall. The foot of the ladder is 1115.4705 cm away from the wall, and the ladder makes an angle of 60 degrees with the ground. Find the height of the wall it touches. (Round your answer to the nearest integer.)**
Ans	✗ A. 1715 cm
	✗ B. 1220 cm
	✗ C. 1550 cm
	✓ D. 1932 cm

Q.30	**What is the length of the altitude (in cm) to the side QR of a triangle PQR with side PQ = 25 cm, PR = 25 cm and QR = 40 cm?**
Ans	✗ A. 24
	✗ B. 27
	✗ C. 18
	✓ D. 15

Q.31	**The price of 3 pens is equal to the price of 5 pencils. The price of 5 pens and 3 pencils is ₹34. The price of 3 pen and 5 pencils is ₹____.**
Ans	✗ A. 35
	✗ B. 32
	✗ C. 31
	✓ D. 30

Q.32	**The cost of a washing machine is 25% less than the cost of a TV. If the cost of the washing machine increases by 83% and that of the TV decreases by 15%, then what is the percentage change in the total cost of 8 washing machines and 4 TVs?**
Ans	✗ A. Increase by 46%
	✗ B. Decrease by 41%
	✗ C. Decrease by 42%
	✓ D. Increase by 43.8%

Q.33	Simplify $\frac{(x^2 + 10x + 25)}{x + 5} - 5.$
Ans	✓ A. x
	✗ B. 5
	✗ C. 0
	✗ D. 10

Q.34	**Sheethal spends 60% of her monthly salary on household expenses. If the remaining amount after her spending is ₹33,200, what is her monthly salary?**
Ans	✗ A. ₹76,000
	✗ B. ₹69,000
	✓ C. ₹83,000
	✗ D. ₹78,000

Q.35	**The marked price of a bookshelf is ₹415, which is 33% above the cost price. If the profit percentage is 13%, find the discount percentage (rounded off to two decimal places).**
Ans	✔ A. 15.04%
	✘ B. 18.88%
	✘ C. 16.86%
	✘ D. 17.32%

Q.36	What will come in place of 'A' in the following ratio? $\frac{180}{A} = \frac{11}{44}$
Ans	✔ A. 720
	✘ B. 722
	✘ C. 723
	✘ D. 717

Q.37	**The sum of the present ages of Ankita and her daughter Anushree is 50 years. Five years ago from now, Ankita was three times as old as Anushree. What is the present age (in years) of Anushree?**
Ans	✘ A. 10
	✘ B. 18
	✔ C. 15
	✘ D. 12

Q.38	**If a gymnastic coach has 14 gymnasts, their heights are as follows (in cm):** **172, 173, 164, 178, 168, 169, 173, 172, 173, 164, 178, 168, 169, 173** **The mode of this data (in cm) is:**
Ans	✘ A. 163
	✔ B. 173
	✘ C. 178
	✘ D. 172

Q.39	**A and B working together can do a piece of work in 5 days. B alone can do the same work in 10 days. How long (in days) will A alone take to do double the work?**
Ans	✘ A. 21
	✘ B. 23
	✔ C. 20
	✘ D. 10

Q.40	**The amount on a sum of ₹6,800 at the rate of 10% per annum compound interest, compounded annually, in 2 years will be:**
Ans	✘ A. ₹9,040
	✘ B. ₹7,703
	✔ C. ₹8,228
	✘ D. ₹8,549

Q.41	**A train passes two tunnels of length 2492 m and 1914 m in 81 seconds and 64 seconds, respectively. What is the length of the train (in m)?**
Ans	✘ A. 252 m
	✘ B. 254 m
	✔ C. 262 m
	✘ D. 267 m

Q.42	If the surface area of a sphere increases by 69%, what is the percentage increase in its volume?
Ans	✗ A. 90.3%
	✗ B. 138.6%
	✓ C. 119.7%
	✗ D. 103.5%

Q.43	Which number should replace the question mark (?) in the following equation? $(57.6 \div 4.5 \times 1.5) = ? \times \frac{1}{5}$
Ans	✗ A. 9.6
	✗ B. 19.2
	✗ C. 192
	✓ D. 96

Q.44	Bhanu travels from City A to City B. If Bhanu drives his car at $\frac{1}{3}$rd of his normal speed, then he reaches City B 50 minutes late. Find the time (in minutes) that Bhanu would have taken to travel from City A to City B if he drove at his normal speed.
Ans	✗ A. 32
	✓ B. 25
	✗ C. 20
	✗ D. 29

Q.45	If the listed price of a bag is 76% more than its cost price and a discount of 54% is announced on it, then find the loss percentage.
Ans	✗ A. 17.55%
	✗ B. 22.6%
	✗ C. 18.5%
	✓ D. 19.04%

Q.46	The sum of the modes of the data sets {1, 7, 3, 7, 3, x} and {4, 8, 9, 8, 4, y} is 11. If x > y, then find the possible correct relation between x and y.
Ans	✗ A. x – y = 5
	✓ B. x – y = 3
	✗ C. x + y = 10
	✗ D. x + y = 9

Q.47	Prakhar and Riya together invested ₹56,700 in a business. At the end of the year, out of a total profit of ₹5,400, Prakhar's share was ₹1,400. What was Prakhar's investment?
Ans	✗ A. ₹16,200
	✗ B. ₹14,900
	✗ C. ₹14,300
	✓ D. ₹14,700

Q.48	If the height of a cylinder is 15 cm and its base area is 169π cm^2, then find its total surface area.
Ans	✓ A. 2288 cm2
	✗ B. 55,770 cm2
	✗ C. 5577 cm2
	✗ D. 1225 cm2

Q.49	**A water tank is initially one-tenth full. Pipe A can empty the tank in 6 minutes. After this, pipes A, B and C are opened together to fill the tank, where pipe B can fill it in 30 minutes and pipe C in 40 minutes. How long will it take to completely fill the tank?**
Ans	✗ A. 35 minutes
	✓ B. 24 minutes
	✗ C. 28 minutes
	✗ D. 25 minutes

Q.50	Simplify: $\frac{35x^3y^2z}{7xy^4} \div 25xy^{-2}z$
Ans	✗ A. $\frac{x}{3}$
	✓ B. $\frac{x}{5}$
	✗ C. $\frac{x}{2}$
	✗ D. $\frac{x}{7}$

Section : **General Intelligence and Reasoning**

Q.51	**If + means −, − means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?** **187 − 4 ÷ 117 + 325 × 5 = ?**
Ans	✗ A. 810
	✓ B. 800
	✗ C. 875
	✗ D. 805

Q.52	**In a certain code language, 'travel is exciting' is coded as 'ab op kj' and 'exciting and enjoyable' is coded as 'lm ab wv'. How is 'exciting' coded in the given language?**
Ans	✓ A. ab
	✗ B. wv
	✗ C. lm
	✗ D. op

Q.53	**What should come in place of the question mark (?) in the given series to make it logically complete?** **5 9 17 29 45 65 ?**
Ans	✗ A. 70
	✓ B. 89
	✗ C. 85
	✗ D. 80

Q.54	**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	✗ A. OPN
	✗ B. QRP
	✓ C. PRO
	✗ D. WXV

Q.55	**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	✗ A. FHA
	✓ B. KME
	✗ C. PRK
	✗ D. SUN

Q.56	**Seven boxes B, D, E, P, S, T and W are kept one over the other but not necessarily in the same order.** **Only S is kept above P. Only two boxes are kept between P and D. Only E is kept below B. T is not kept immediately above D.** **How many boxes are kept between W and E?**
Ans	✗ A. One
	✓ B. Two
	✗ C. Three
	✗ D. Four

Q.57	**What should come in place of the question mark (?) in the given series?** **835 836 839 844 851 ?**
Ans	✗ A. 858
	✗ B. 861
	✓ C. 860
	✗ D. 859

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.** **G is kept immediately above B. D is kept immediately above F. Only E is kept above A. Only two boxes are kept above G. D is not kept at third position from the bottom.** **How many boxes are kept above D?**
Ans	✓ A. 5
	✗ B. 2
	✗ C. 4
	✗ D. 3

Q.59	**What should come in place of the question mark (?) in the given series?** **105 87 69 51 33 ?**
Ans	✓ A. 15
	✗ B. 27
	✗ C. 21
	✗ D. 13

Q.60	**BFHC is related to IMOJ in a certain way based on the English alphabetical order. In the same way, DHJE is related to KOQL. To which of the given options is FJLG related, following the same logic?**
Ans	✗ A. QMNS
	✗ B. MQNS
	✗ C. QMSN
	✓ D. MQSN

Q.61	**Refer to the following series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.** **(Left) 9 8 5 8 8 9 8 6 2 6 1 4 4 7 9 9 4 8 1 7 5 6 8 6 5 6 9 (Right)** **How many such odd numbers are there each of which is immediately preceded by an odd number and also immediately followed by an odd number?**
Ans	✗ A. 1
	✗ B. 3
	✓ C. 2
	✗ D. 4

Q.62	**EHLQ is related to GKNT in a certain way based on the English alphabetical order. In the same way, MTTC is related to OWVF. To which of the given options is SCZL related, following the same logic?**
Ans	✓ A. UFBO
	✗ B. UFOM
	✗ C. UBNJ
	✗ D. UFBP

Q.63	**In a certain code language, 'we cook dinner' is coded as 'hn sh ai' and 'dinner is tasty' is coded as 'la tf sh'. How is 'dinner' coded in that language?**
Ans	✗ A. la
	✓ B. sh
	✗ C. hn
	✗ D. tf

Q.64	**Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?** **KTV 12, IRT 24, GPR 36, ENP 48, ?**
Ans	✗ A. DJN 64
	✗ B. CLM 64
	✓ C. CLN 60
	✗ D. DJN 60

Q.65	**Mr. Akai starts from Point A and drives 15 km towards south. He then takes a right turn, drives 18 km, turns right and drives 25 km. He then takes a right turn and drives 16 km, turns right drives 5 km. He then takes a left turn drives 6 km. He takes a final right 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	✗ A. 4 km to the south
	✗ B. 8 km to the east
	✓ C. 4 km to the west
	✗ D. 4 km to the east

Q.66	**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', and** **A ÷ B means 'A is the father of B'.** **Based on the above, how is D related to J if 'D - F x G + H ÷ J'?**
Ans	✗ A. Brother's wife's father
	✗ B. Wife's father
	✓ C. Brother's wife's brother
	✗ D. Wife's brother

Q.67	What should come in place of the question mark (?) in the given series based on the English alphabetical order? LDS MET NFU OGV ?
Ans	✗ A. RHW
	✗ B. PIX
	✗ C. QIW
	✓ D. PHW

Q.68	Refer to the following number series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only. (Left) 8 4 6 4 6 1 9 6 7 2 2 2 2 1 5 5 1 6 6 7 2 5 5 (Right) How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an even digit?
Ans	✗ A. None
	✗ B. One
	✗ C. Three
	✓ D. Two

Q.69	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 dolls are pencils. Some fingers are pencils. **Conclusions:** (I): All fingers are dolls. (II): Some dolls are fingers.
Ans	✓ A. Neither conclusion (I) nor (II) follows
	✗ B. Only conclusion (I) follows
	✗ C. Both conclusions (I) and (II) follow
	✗ D. Only conclusion (II) follows

Q.70	Adit starts from Point A and drives 11 km towards the North. He then takes a left turn, drives 6 km, turns left and drives 17 km. He then takes a left turn and drives 13 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	✗ A. 7 km to the east
	✗ B. 8 km to the west
	✗ C. 8 km to the east
	✓ D. 7 km to the west

Q.71	A, B, C, D, E, F and G are sitting around a circular table facing the centre. E sits to the immediate right of D. G sits second to the left of E. B sits third to the right of E. A is the immediate neighbour of C and B. How many people sit between F and C when counted from the left of F?
Ans	✗ A. Three
	✗ B. Four
	✓ C. Two
	✗ D. One

Q.72	**Refer to the following series and answer the question that follows. Counting to be done from left to right only. (All numbers are single-digit numbers only.)** **(Left) 4 3 5 2 9 7 2 8 7 2 1 8 7 4 5 5 2 3 5 5 6 9 6 3 3 (Right)** **How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?**
Ans	✗ A. Four
	✓ B. One
	✗ C. Three
	✗ D. Two

Q.73	**A, B, C, D, W, X and Y are sitting in a straight line facing north. Only two people sit to the left of C. Only three people sit between C and W. Only one person sits between W and X. D sits to the immediate left of A. Y is not an immediate neighbour of W. How many people sit to the right of B?**
Ans	✗ A. Three
	✗ B. Four
	✓ C. One
	✗ D. Two

Q.74	**DHKT is related to ZAGM in a certain way based on the English alphabetical order. In the same way, NFUR is related to JYQK. To which of the given options is BKIW related, following the same logic?**
Ans	✗ A. XDEO
	✓ B. XDEP
	✗ C. SCDE
	✗ D. XBGT

Q.75	**If '+' means '−', '−' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?** **88 × 8 ÷ 9 − 2 + 17 = ?**
Ans	✓ A. 12
	✗ B. 15
	✗ C. 26
	✗ D. 21

Q.76	**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.)** **14, 2** **119, 17**
Ans	✓ A. 105, 15
	✗ B. 294, 43
	✗ C. 221, 32
	✗ D. 147, 22

Q.77	Seven people B, C, D, I, J, K and L are sitting around a circular table facing the centre of the table. K sits third to the left of L. I sits to the immediate left of L. D sits to the immediate left of J. J sits second to the left of C. Who sits third to the right of B?
Ans	✗ A. C
	✗ B. J
	✓ C. K
	✗ D. D

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. All numbers are single-digit numbers. (Left) 6 © % © 7 # 5 % 5 4 2 # © 5 6 2 © $ € 1 € 8 (Right) How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?
Ans	✗ A. 9
	✓ B. 3
	✗ C. 4
	✗ D. 8

Q.79	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). **Statements**: Some Llamas are Sheep. All Sheep are Mules. No Mules are Pigeons. **Conclusion:** (I) Some Llamas are Mules. (II) No Sheep are Pigeons.
Ans	✗ A. Neither conclusion (I) nor (II) follows.
	✗ B. Only conclusion (I) follows.
	✓ C. Both conclusions (I) and (II) follow .
	✗ D. Only conclusion (II) follows.

Q.80	If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 5147934, what will be the sum of the digits which are third from the left and second from the right?
Ans	✗ A. 11
	✗ B. 9
	✗ C. 7
	✓ D. 8

Section : **General Awareness and Current Affairs**

Q.81	From which assembly constituency did Arvind Kejriwal contest in the General Election to the Assembly Constituencies of the National Capital Territory (NCT) of Delhi in 2025?
Ans	✗ A. Kondli
	✗ B. Mundka
	✗ C. Moti Nagar
	✓ D. New Delhi

Q.82	What amount has been allocated to the Khelo India Programme in the FY 2025-26 Budget?
Ans	✗ A. ₹1,500 crore
	✗ B. ₹750 crore
	✗ C. ₹500 crore
	✓ D. ₹1,000 crore

Q.83	What was the name of the chemical factory where the blast happened on 30 June 2025 in Telangana state?
Ans	✗ A. Bharat Chemicals
	✗ B. Deccan Industries
	✓ C. Sigachi Chemicals
	✗ D. Andhra Petrochemicals

Q.84	In news in 2025, what is the main function of the 'Sachet' app?
Ans	✓ A. Real-time disaster alerts
	✗ B. Online shopping
	✗ C. Educational tutorials
	✗ D. Social networking

Q.85	जुलाई 2025 में, भारत में महिलाओं के लिए वर्कप्लेस वेलनेस (workplace wellness) को बढ़ावा देने के लिए कौन-सी पहल शुरू की गई?
Ans	✗ A. आयुष्मान भारत (Ayushman Bharat)
	✓ B. महिला आरोग्यम कक्ष (Mahila Aarogyam Kaksh)
	✗ C. स्वास्थ्य महिला (Swasthya Mahila)
	✗ D. जननी सुरक्षा योजना (Janani Suraksha Yojan)

Q.86	As notified in June 2025, which of the following insurance companies launched India's first car insurance with built-in crash detection, auto claims trigger?
Ans	✗ A. Future Generali Life Insurance
	✗ B. Kotak Mahindra Insurance
	✓ C. Zuno General Insurance
	✗ D. Shriram Life Insurance

Q.87	Who started a cleanliness drive ahead of the national urban local bodies' conference in Manesar?
Ans	✗ A. National Urban Forum
	✗ B. Chief Minister of Haryana
	✗ C. Delhi Police
	✓ D. Manesar Municipal Corporation

Q.88	Who holds the No.1 world chess ranking as of June 2025?
Ans	✗ A. R Praggnanandhaa
	✗ B. Fabiano Caruana
	✓ C. Magnus Carlsen
	✗ D. D Gukesh

Q.89	Which 2025 novel by Colum McCann follows a journalist on a submarine cable-laying ship?
Ans	✗ A. Under the Eye of the Big Bird
	✗ B. Wild Dark Shore
	✗ C. Silver Elite
	✓ D. Twist

Q.90	Who from Pakistan was recognised as Best Asian Athlete in May 2025?
Ans	✓ A. Arshad Nadeem
	✗ B. Sana Mir
	✗ C. Mohammad Abbas
	✗ D. Babar Azam

Q.91	At which edition of the Cannes Film Festival did Boman Irani make his red carpet debut?
Ans	✗ A. 76th
	✓ B. 78th
	✗ C. 75th
	✗ D. 77th

Q.92	What is the name of (India) Bharat's First Anti-Pesticide Bodysuit?
Ans	✗ A. Farmer Bodysuit
	✗ B. India Kavach
	✗ C. Kisan Bodysuit
	✓ D. Kisan Kavach

Q.93	In 2025, which new category was added by the Central Pollution Control Board to classify essential environmental services?
Ans	✓ A. Blue
	✗ B. Black
	✗ C. Pink
	✗ D. Purple

Q.94	In July 2025, which institute launched Gyanodaya for pedagogical innovation?
Ans	✗ A. IT Delhi
	✓ B. IIM Kozhikode
	✗ C. IISc Bangalore
	✗ D. NIT Rourkela

Q.95	Which of the following athletes was NOT part of the Indian 4×100 m relay team that set a new national record at the National Relay Carnival, 2025?
Ans	✗ A. Amlan Borgohain
	✗ B. Manikanta Hoblidar
	✓ C. Neeraj Chopra
	✗ D. Animesh Kujur

Q.96	**Which of the following two countries exchanged prisoners of war in Istanbul in June 2025?**
Ans	✔ A. Russia and Ukraine
	✘ B. India and Pakistan
	✘ C. Liberia and Sierra Leone
	✘ D. Israel and Iran

Q.97	**What is the name of the new antibiotic developed to combat AMR (Antimicrobial Resistance) in India in December 2024?**
Ans	✘ A. Cefixime
	✘ B. Amoxicillin
	✘ C. Azithromycin
	✔ D. Nafithromycin

Q.98	**What is the surplus amount transferred by the Reserve Bank of India (RBI) to the Centre for FY25?**
Ans	✔ A. ₹2.69 lakh crore
	✘ B. ₹3.00 lakh crore
	✘ C. ₹1.69 lakh crore
	✘ D. ₹2.00 lakh crore

Q.99	**In which city did the Union Home Minister launch the pilot project of the e-Zero FIR initiative in May 2025, under the Indian Cyber Crime Coordination Centre (I4C) to improve the efficiency of investigating cyber financial frauds, supporting the vision of a Cyber Secure Bharat?**
Ans	✔ A. Delhi
	✘ B. Kolkata
	✘ C. Mumbai
	✘ D. Lucknow

Q.100	**The 18th edition of the Battalion Level Joint Military Exercise Surya Kiran was held in December 2024 between India and _____.**
Ans	✘ A. Sweden
	✔ B. Nepal
	✘ C. Egypt
	✘ D. Japan

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०८/२०२४ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 08/2024- Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	04/12/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage 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 : **General Science**

Q.1 **What is a key feature of Rutherford's atomic model?**

Ans
✗ A. Nucleus contains only electrons with negative charge.
✗ B. Atom is a uniform positive sphere throughout.
✓ C. Atom has a dense positive nucleus at the center.
✗ D. Electrons are fixed in shells around the nucleus.

Q.2 **Which of the following is NOT a method of reproduction by a solitary individual organism?**

Ans
✗ A. Regeneration
✗ B. Fragmentation
✓ C. Sexual reproduction
✗ D. Fission

Q.3 **In a domestic electric circuit, the main purpose of a FUSE is _____.**

Ans
✗ A. To store electricity
✗ B. To increase current
✗ C. To reduce voltage
✓ D. To prevent overloading and protect appliances

Q.4 **If a person does an amount of work W in time t, how is power calculated?**

Ans
✓ A. Power = work ÷ time
✗ B. Power = time ÷ work
✗ C. Power = work × time
✗ D. Power = work + time

Q.5 **Which of the following is a primary advantage of constructing a big dam?**

Ans
✗ A. Prevention of all downstream flooding
✗ B. Immediate increase in local biodiversity
✓ C. Generation of hydroelectric power
✗ D. Decentralised energy production

Q.6 Which of the following salts will form a solution with pH greater than 7 when dissolved in water?

Ans

✗ A. Copper sulphate

✗ B. Sodium chloride

✗ C. Ammonium chloride

✓ D. Sodium acetate

Q.7 Which of the following statements is correct for life processes in plants?

Ans

✗ A. Environment is under the control of very few plants.

✓ B. Environment is not under the control of plants.

✗ C. Environment is under the control of most plants.

✗ D. The environmental sources of energy are uniform.

Q.8 Which type of muscle is found in the walls of internal organs like the stomach and intestines?

Ans

✗ A. Skeletal muscle

✓ B. Smooth muscle

✗ C. Voluntary muscle

✗ D. Striated muscle

Q.9 Which of the following statements is true for a velocity-time graph of uniform velocity?

Ans

✓ A. Slope = Acceleration = 0

✗ B. Area under curve = speed, not displacement

✗ C. The graph is a curve

✗ D. Slope = Acceleration ≠ 0

Q.10 Butane (C_4H_{10}) exists in two different forms: one with a straight chain and one with a branched chain. What is this phenomenon called?

Ans

✓ A. Isomerism

✗ B. Polymerisation

✗ C. Sublimation

✗ D. Catenation

Q.11 200 J of heat is produced per second in an 8 Ω resistance. What is the potential difference across the resistor?

Ans

✗ A. 20 V

✗ B. 50 V

✓ C. 40 V

✗ D. 30 V

Q.12 Which of the following functions is NOT performed by the placenta?

Ans

✗ A. Allows oxygen and nutrients to pass from mother to fetus

✗ B. Removes carbon dioxide and waste from fetal blood

✗ C. Produces hormones to support pregnancy

✓ D. Secretes oxytocin to start childbirth

Q.13 **Which of the following statement(s) is true when a straw appears bent when placed in a glass of water?**
Statement 1: The incident ray, refracted ray, and normal lie in the same plane.
Statement 2: The ratio of sine of angle of incidence to sine of angle of refraction is constant.

Ans
- ✗ A. Only statement 1
- ✗ B. Only statement 2
- ✗ C. Neither statement 1 nor 2
- ✓ D. Both statement 1 and 2

Q.14 **Which of the following factors is NOT responsible for corrosion?**

Ans
- ✓ A. Alloying
- ✗ B. Water
- ✗ C. Air
- ✗ D. Acid

Q.15 **Bone is classified as connective tissue primarily because it:**

Ans
- ✓ A. Contains cells dispersed in a mineralised extracellular matrix
- ✗ B. Transports oxygen
- ✗ C. Lacks any matrix substance
- ✗ D. Produces nerve impulses

Q.16 **Which of the following are cultivated for the pearls they make?**

Ans
- ✓ A. Oysters
- ✗ B. Sardines
- ✗ C. Prawns
- ✗ D. Pomfrets

Q.17 **What is the chemical formula of magnesium chloride?**

Ans
- ✗ A. MgCl
- ✗ B. $MgCl_3$
- ✓ C. MgCl2
- ✗ D. Mg_2Cl

Q.18 **In graphite, each carbon atom is bonded to three other carbon atoms in the same plane giving a _____ array.**

Ans
- ✗ A. pentagonal
- ✗ B. square pyramidal
- ✗ C. tetragonal
- ✓ D. hexagonal

Q.19 **A person wearing shoes with total area 0.02 m^2 stands on the ground. If the person's weight is 600 N, the pressure on the ground is _____.**

Ans
- ✗ A. 600 N/m^2
- ✗ B. 1200 N/m^2
- ✓ C. 30,000 N/m^2
- ✗ D. 12,000 N/m^2

Q.20 **Which of the following is responsible for the basic nature of a substance?**

Ans
- ✓ A. OH-
- ✗ B. Cl-
- ✗ C. Na+
- ✗ D. H+

Q.21 **A coin is placed on a card covering a glass. When the card is flicked quickly with a finger, the coin falls straight into the glass. What does this situation show?**

Ans

✗ A. The coin moves because the card pushes it

✓ B. The coin remains at rest due to inertia when the card moves away

✗ C. The flick applies a force directly to the coin

✗ D. The coin and card both move away due to inertia

Q.22 **According to the sign convention, the height of an erect image formed by a mirror is taken as:**

Ans

✗ A. Zero

✗ B. Imaginary

✗ C. Negative

✓ D. Positive

Q.23 **Why are the testes positioned externally rather than inside the abdominal cavity?**

Ans

✗ A. To facilitate sperm transport

✓ B. To maintain a lower temperature for sperm formation

✗ C. To regulate testosterone production

✗ D. To form a common passage for urine and sperms

Q.24 **Which of the following phenomena is NOT a physical change?**

Ans

✗ A. Freezing of water

✓ B. Burning of candle

✗ C. Melting of ice

✗ D. Boiling of water

Q.25 **A high-pitch and a low-pitch sound have _____, respectively.**

Ans

✗ A. low frequency and high frequency

✗ B. high amplitude and low frequency

✗ C. low amplitude and high frequency

✓ D. high frequency and low frequency

Section : **Mathematics**

Q.26 **Eighteen men can dig a well 65 feet deep in 4 days. How many men can dig a well 130 feet deep in 6 days?**

Ans

✗ A. 27

✗ B. 26

✗ C. 22

✓ D. 24

Q.27 **One pipe can fill a tank in 7 minutes while another pipe can empty the completely filled tank in 56 minutes. If both the pipes are opened together when the tank is empty, how many minutes will it take to fill one-fourth of the tank?**

Ans

✓ A. 2

✗ B. 4

✗ C. 8

✗ D. 6

Q.28 The area of a rectangular field is 176 m^2 and the length of its diagonal is 18 m. Find the perimeter of this field.

Ans
- ✗ A. 61 m
- ✗ B. 48 m
- ✓ C. 52 m
- ✗ D. 60 m

Q.29 If a 8,763 m long train crosses a pole in 127 seconds, then find the time (in seconds) taken by the train to cross a 552 m long platform.

Ans
- ✓ A. 135
- ✗ B. 145
- ✗ C. 132
- ✗ D. 144

Q.30 Provisions meant for 100 men for 12 weeks are shared when 50 more men join them. For how many weeks will the provisions now last?

Ans
- ✓ A. 8
- ✗ B. 10
- ✗ C. 6
- ✗ D. 12

Q.31 After selling an article at a discount of 50%, the profit percentage obtained is 30%. What is the mark-up percentage?

Ans
- ✗ A. 158%
- ✗ B. 166%
- ✓ C. 160%
- ✗ D. 162%

Q.32 If the median of the given data is 143 + X , find X (round off to two decimal places).

Height in cm	No. of boys
Below 140	4
140 – 145	7
145 – 150	18
150 – 155	11
155 - 160	6
160 - 700	5

Ans
- ✗ A. 8.15
- ✗ B. 9.23
- ✓ C. 6.03
- ✗ D. 7.05

Q.33 From a point P on a level ground, the angle of elevation of the top tower is 30°. If the tower is 100 m high, find the distance of point P from the foot of the tower.
$(\text{Take } \sqrt{3} = 1.73)$

Ans
- ✗ A. 170 m
- ✓ B. 173 m
- ✗ C. 175 m
- ✗ D. 178 m

Q.34 The arithmetic mean of the observations 16, 85, 98, 12, 69, 95, 21, 45 and 54 is:

Ans
- ✗ A. 62
- ✗ B. 48
- ✓ C. 55
- ✗ D. 63

Q.35 If 5x + 2 = 62, then find the value of x.

Ans
- ✗ A. 10
- ✗ B. 20
- ✗ C. 15
- ✓ D. 12

Q.36 The number of prime numbers lying between 386 and 395 is:

Ans
- ✗ A. 0
- ✓ B. 1
- ✗ C. 2
- ✗ D. 3

Q.37 In quadrilateral PQRS, the bisectors of ∠R and ∠S meet at the point T (inside the quadrilateral) and ∠STR = 32.5°. If the ratio of ∠P to ∠Q is 6 : 7, then what is the difference between the measures of ∠Q and ∠P?

Ans
- ✓ A. 5°
- ✗ B. 9°
- ✗ C. 1°
- ✗ D. 4°

Q.38 In an election, Candidate A secured 60% of the total valid votes, while Candidate B received the rest. If the total number of valid votes was 18,600, find the difference between the number of votes the two candidates received.

Ans
- ✓ A. 3,720
- ✗ B. 3,550
- ✗ C. 2,520
- ✗ D. 2,750

Q.39 Given that R is the third proportional of 9 and Q. If Q is the sum of first three odd natural numbers, then find the value of R.

Ans
- ✗ A. 10
- ✓ B. 9
- ✗ C. 11
- ✗ D. 7

Q.40 On selling an item for ₹120, a shopkeeper earns x% profit. If it is sold for ₹20 more than the earlier price, the percentage of profit would be 2x%. The value of x is _____.

Ans
- ✗ A. 30
- ✗ B. 15
- ✓ C. 20
- ✗ D. 40

Q.41 The difference in the measures of two complementary angles is 22°. Find the measure of the bigger angle.

Ans

✗ A. 65°

✗ B. 50°

✗ C. 52°

✓ D. 56°

Q.42 The amount on a sum of ₹5,700 at 10% per annum compound interest, compounded annually, in 2 years will be:

Ans

✗ A. ₹7,798

✓ B. ₹6,897

✗ C. ₹6,629

✗ D. ₹7,505

Q.43 The father is currently three times that of his son's age. Ten years ago from now, the father's age was five times the son's age. What will be the sum of their ages ten years from now?

Ans

✗ A. 90 years

✗ B. 80 years

✗ C. 120 years

✓ D. 100 years

Q.44 If 20% of a number is added to 72, then the result is the same number. 75% of the same number is:

Ans

✗ A. 77.5

✗ B. 87.5

✗ C. 97.5

✓ D. 67.5

Q.45 A car's speed decreases by 20% every hour. If it covers a certain distance in 4 hours, how much time would it take to cover the same distance at its original speed?

Ans

✗ A. 3.952 hours

✗ B. 3.942 hours

✓ C. 2.952 hours

✗ D. 2.942 hours

Q.46 $\frac{1}{20}$ is what percentage of $\frac{10}{80}$?

Ans

✗ A. 55%

✓ B. 40%

✗ C. 50%

✗ D. 80%

Q.47 If $9^k + 3^{(2k-1)} = \frac{2}{3}\left[5^{\left(k+\frac{1}{2}\right)} + 5^{\left(k-\frac{1}{2}\right)}\right]$, then k is equal to:

Ans

✗ A. $\frac{5}{2}$

✓ B. $\frac{1}{2}$

✗ C. 1

✗ D. $\frac{3}{2}$

Q.48 The marked price of a wardrobe is ₹821, which is 39% above the cost price. If the profit percent is 2%, find the discount percentage (rounded off to two decimal places).

Ans

✗ A. 26%

✗ B. 28.03%

✗ C. 23.62%

✓ D. 26.62%

Q.49 A spherical chocolate truffle with radius 6 cm has a spherical hollow cavity at its centre. If the volume of chocolate used is exactly $800\pi/3$ cm³, what is the radius of the hollow cavity (rounded off to two decimal places)?

Ans

✗ A. 2.18 cm

✗ B. 2.44 cm

✓ C. 2.52 cm

✗ D. 2.26 cm

Q.50 Prakhar and Riya together invested ₹10,500 in a business. At the end of the year, out of a total profit of ₹9,000, Prakhar's share was ₹1,200. How much was Prakhar's investment?

Ans

✓ A. ₹1,400

✗ B. ₹1,645

✗ C. ₹2,780

✗ D. ₹1,635

Section : General Intelligence and Reasoning

Q.51 What will come in place of the question mark (?) in the following equation if '+' and '–' are interchanged and '×' and '÷' are interchanged?

$25 - 33 \times 44 \div 24 + 39 = ?$

Ans

✗ A. 6

✗ B. 5

✗ C. 2

✓ D. 4

Q.52 Seven boxes, M, N, O, P, Q, R, and S, are kept one over the other but not necessarily in the same order. Only P is kept above O. Only Q is kept between O and R. Only N is kept below S.
How many boxes are kept between M and N?

Ans

✓ A. One

✗ B. Four

✗ C. Two

✗ D. Three

Q.53 A, B, C, D, E, F and G are sitting around a circular table, facing the centre. Only two people sit between D and A when counted from the left of A. C sits third to the left of G. E sits to the immediate right of G. E sits second to the left of D. F is an immediate neighbour of C. How many people sit between B and G when counted from the left of G?

Ans

✗ A. 2

✗ B. 3

✓ C. 4

✗ D. 1

Q.54 What should come in place of the question mark (?) in the given series?

304 313 320 325 ? 329

Ans
- ✔ A. 328
- ✘ B. 325
- ✘ C. 326
- ✘ D. 327

Q.55 In a certain code language, 'FOUR' is coded as '5812' and 'ROUT' is coded as '5628'. What is the code for 'T' in the given code language?

Ans
- ✘ A. 8
- ✔ B. 6
- ✘ C. 5
- ✘ D. 2

Q.56 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 which follows the same logic.
ACNE - CANE - ENCA
INCH - NICH - HCNI

Ans
- ✘ A. QUAD - QAUD - DAUQ
- ✘ B. GIRL - IGRL - LIRG
- ✔ C. LADY - ALDY - YDAL
- ✘ D. RAKE - ARKE - AKER

Q.57 What should come in place of the question mark (?) in the given series?

821 823 827 833 841 ?

Ans
- ✘ A. 856
- ✘ B. 848
- ✘ C. 853
- ✔ D. 851

Q.58 Refer to the following series and answer the question (all numbers are single digit numbers only). Counting to be done from left to right only.
(Left) 7 2 7 5 9 6 4 6 6 6 5 6 9 6 1 1 2 2 7 5 3 (Right)
How many such odd digits are there each of which is immediately preceded by an even digit and also immediately followed by an even digit?

Ans
- ✘ A. 1
- ✔ B. 2
- ✘ C. 3
- ✘ D. 4

Q.59 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
- ✘ A. RO-KP
- ✘ B. LI-EJ
- ✘ C. OL-HM
- ✔ D. IF-BH

Q.60 Saksham starts from point A and drives 71 km towards east. He then takes a left turn, drives 48 km, turns left and drives 81 km. He then takes a left turn and drives 89 km. He takes a final left turn, drives 10 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again?

(Note: All turns are 90° turns only unless specified.)

Ans

✗ A. 42 km to the south

✓ B. 41 km to the north

✗ C. 40 km to the north

✗ D. 44 km to the north

Q.61 Each of the digits in the number 54761829 is arranged in descending order from left to right. What will the product of the digits that are third from the left and second from the right in the new number thus formed be?

Ans

✗ A. 16

✓ B. 14

✗ C. 18

✗ D. 28

Q.62 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 % 3 7 @ % % % 1 * % 2 7 5 @ 6 7 1 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

✗ A. 1

✗ B. 4

✓ C. 2

✗ D. 3

Q.63 A, B, C, D, W, X and Y are sitting in a straight line, facing the north.
Only three people sit between W and Y. A sits to the immediate left of Y. No one sits to the right of B. Only two people sit between B and A. X sits to the immediate right of D.
How many people sit between C and X?

Ans

✗ A. One

✗ B. Four

✓ C. Two

✗ D. Three

Q.64 This question is based on the five, three-digit numbers given below.

(Left) 426 125 357 489 627 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

Note: All operations to be done from left to right.

If all the numbers are arranged in ascending order, the position(s) of how many numbers will remain unchanged?

Ans

✗ A. Three

✗ B. One

✓ C. Two

✗ D. Four

Q.65 A, B, C, D, W, X and Y are sitting in a straight line, facing the north.
Only two people sit to the left of C. Only three people sit between C and W. Only one person sits between W and X. D sits to the immediate left of A. Y is not an immediate neighbour of W.
How many people sit to the right of B?

Ans
- ✗ A. Four
- ✗ B. Two
- ✓ C. One
- ✗ D. Three

Q.66 MR 8 is related to RU −10 in a certain way. In the same way, IB 12 is related to NE −6. To which of the given options is US 1 related, following the same logic?

Ans
- ✗ A. MJ −19
- ✗ B. BH −12
- ✓ C. ZV −17
- ✗ D. HU −11

Q.67 Vinay starts from Point A and drives 10 km towards the south. He then takes a right turn, drives 4 km, turns right and drives 14 km. He then takes a right turn and drives 8 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 degrees turns only, unless specified.)

Ans
- ✗ A. 3 km to the east
- ✓ B. 4 km to the west
- ✗ C. 3 km to the west
- ✗ D. 4 km to the east

Q.68 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
SGN 5 RFM 7 QEL 9 PDK 11 ?

Ans
- ✗ A. RCJ 12
- ✗ B. QEL 12
- ✗ C. OEL 13
- ✓ D. OCJ 13

Q.69 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.)

(6, 21, 15)
(47, 2197, 12)

Ans
- ✗ A. (26, 663, 12)
- ✓ B. (30, 887, 13)
- ✗ C. (34, 1130, 25)
- ✗ D. (35, 1215, 9)

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 conclusions logically follow(s) from the statements.

Statements:
Some kites are balloons.
No balloon is a plane.

Conclusions:
(I): Some kites are planes.
(II): Some balloons are kites.

Ans
- ✔ A. Only conclusion (II) follows
- ✘ B. Neither conclusion (I) nor (II) follows
- ✘ C. Both conclusions (I) and (II) follow
- ✘ D. Only conclusion (I) follows

Q.71 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:
No dolls are rings.
No rings are lamps.

Conclusions:
(I) All dolls are lamps.
(II) No lamps are dolls.

Ans
- ✘ A. Only conclusion (I) follows.
- ✔ B. Neither conclusion (I) nor (II) follows.
- ✘ C. Only conclusion (II) follows.
- ✘ D. Both conclusions (I) and (II) follow.

Q.72 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
VMQ TKO RIM PGK ?

Ans
- ✘ A. NEJ
- ✘ B. NFJ
- ✔ C. NEI
- ✘ D. NFI

Q.73 What should come in place of the question mark (?) in the given series?

11, 23, 47, 83, 131, ?

Ans
- ✘ A. 192
- ✘ B. 193
- ✔ C. 191
- ✘ D. 190

Q.74 In a certain code language,
'A + B' means 'A is the father of B'
'A - B' means 'A is the mother of B'
'A × B' means 'A is the sister of B'
'A ÷ B' means 'A is the wife of B'
Based on the above, how is L related to P if 'L ÷ M + N - O × P'?

Ans
- ✘ A. Mother's sister
- ✘ B. Father's sister
- ✘ C. Father's mother
- ✔ D. Mother's mother

Q.75 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
- ✗ A. MSO
- ✗ B. DJF
- ✓ C. BHE
- ✗ D. PVR

Q.76 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

YCE−FJL
LPR−SWY

Ans
- ✗ A. TXZ−ZEF
- ✓ B. TXZ−AEG
- ✗ C. TWX−AEG
- ✗ D. TWX−ZDF

Q.77 If + means - , - means x , x means ÷ , ÷ means +, then what will come in place of the question mark (?) in the following equation?

20 – 6 ÷ 4 + 60 x 15 = ?

Ans
- ✗ A. 126
- ✗ B. 118
- ✗ C. 123
- ✓ D. 120

Q.78 Sahana ranked 4^{th} from the top and 18^{th} from the bottom in her class. How many students are there in the class?

Ans
- ✗ A. 25
- ✗ B. 16
- ✓ C. 21
- ✗ D. 23

Q.79 In a certain code language, ‘star city lemon’ is coded as 'fq vn ln' and ‘zip lid star’ is coded as ‘vn iu km’. How is ‘star’ coded in the given language?

Ans
- ✗ A. ln
- ✗ B. iu
- ✗ C. fq
- ✓ D. vn

Q.80 Refer to the following series and answer the question (all numbers are single-digit numbers only). (Counting to be done from left to right only.)

(Left) 1 4 6 7 3 8 5 3 2 1 5 9 6 6 6 6 8 7 1 6 6 3 1 (Right)

How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

Ans
- ✗ A. More than three
- ✓ B. One
- ✗ C. Two
- ✗ D. Three

Section : **General Awareness and Current Affairs**

Q.81 Which of the following banks raised $1 billion via a 10-year USD-denominated bond in international markets in January 2025?

Ans
- ✗ A. Indian Overseas Bank
- ✗ B. National Bank for Agriculture and Rural Development
- ✗ C. Reserve Bank of India
- ✓ D. Exim Bank of India

Q.82 How many people died due to natural disasters in 2024–25 as per provisional estimates from the Disaster Management (DM) division of the Home Affairs ministry?

Ans
- ✗ A. 4330
- ✗ B. 1500
- ✓ C. 3080
- ✗ D. 6900

Q.83 Who among the following was awarded Comeback of the Year at the 2025 Laureus Awards?

Ans
- ✗ A. Novak Djokovic
- ✓ B. Rebeca Andrade
- ✗ C. Rafael Nadal
- ✗ D. Tom Pidcock

Q.84 Who among the following won the Global Teacher Prize awarded in February 2025?

Ans
- ✗ A. Sister Zeph
- ✓ B. Mansour Al Mansour
- ✗ C. Asma Mustafa
- ✗ D. Ranjitsinh Disale

Q.85 Which of the following is the unified inundation forecasting system launched by the Ministry of Jal Shakti in July 2025 that provides two-days advance inundation forecasts up to village level in the form of flood-inundation maps and water-level predictions?

Ans
- ✓ A. C-FLOOD
- ✗ B. Unified Flood Vision
- ✗ C. FloodSense Advance
- ✗ D. Village Flood Radar

Q.86 The South Asian Athletics Championships were held in _____ 2025.

Ans
- ✓ A. May
- ✗ B. March
- ✗ C. June
- ✗ D. April

Q.87 Which of the following was designated as the 58th Tiger Reserve of India?

Ans
- ✗ A. Pench National Park
- ✓ B. Madhav National Park
- ✗ C. Panna National Park
- ✗ D. Ranthambore National Park

Q.88 In July 2025, which Union Minister introduced the National Anti-Doping (Amendment) Bill 2025 in Lok Sabha?

Ans
- ✗ A. Kiren Rijiju
- ✗ B. Anurag Thakur
- ✗ C. Rajnath Singh
- ✓ D. Mansukh Mandaviya

Q.89 Which of the following banks paid a record ₹8,076.84 crore dividend to the Government of India for FY25 in June 2025?

Ans
- ✗ A. Bank of India
- ✓ B. State Bank of India
- ✗ C. Bank of Baroda
- ✗ D. Indian Bank

Q.90 What was Parul Chaudhary's new national record time in the 3000-m steeplechase 2025 Asian Athletics Championships?

Ans
- ✗ A. 8:55.50
- ✗ B. 9:30.45
- ✓ C. 9:12.46
- ✗ D. 9:13.39

Q.91 Which coach received a royal knighthood in 2025 for contributions to national football?

Ans
- ✗ A. José Mourinho
- ✗ B. Roberto Martinez
- ✓ C. Gareth Southgate
- ✗ D. Pep Guardiola

Q.92 Who among the following was appointed as the Chairman of the Insurance Regulatory and Development Authority of India (IRDAI) in July 2025?

Ans
- ✗ A. Suman Bery
- ✗ B. Amitabh Kant
- ✗ C. B. V. R. Subramaniyam
- ✓ D. Ajay Seth

Q.93 In September 2025, the South Western Railway (SWR) reported that its Railway Protection Force (RPF) had reached out to more than two lakh women passengers under which of the following initiative, aimed at ensuring safety and comfort for women traveling alone?

Ans
- ✓ A. Operation Meri Saheli
- ✗ B. Safe City Project
- ✗ C. Mahila Suraksha Doot Program
- ✗ D. Mission Shakti

Q.94 In June 2025, which of the following countries hosted the observance of the UN Virtual Worlds Day 2025?

Ans
- ✗ A. Brazil
- ✗ B. France
- ✓ C. Italy
- ✗ D. Germany

Q.95 The Military Combat Parachute System (MCPS), which successfully carried out a combat freefall jump from 32,000 feet in October 2025, was indigenously created by _____.

Ans
- ✗ A. Bharat Electronics Limited (BEL)
- ✓ B. Defence Research and Development Organisation (DRDO)
- ✗ C. Hindustan Aeronautics Limited (HAL)
- ✗ D. Indian Space Research Organisation (ISRO)

Q.96 **Which DRDO lab in Pune developed the 6.8×43 mm assault rifle prototype?**

Ans

✗ A. The Armament Exploration and Innovation Establishment (AEIE)

✗ B. The Armament Development Establishment (ADE)

✓ C. The Armament Research and Development Establishment (ARDE)

✗ D. The Armament Research Establishment (ARE)

Q.97 **In July 2025, Kavinder Gupta, who served as Deputy Chief Minister of Jammu and Kashmir, assumed the office of Lieutenant Governor of _____.**

Ans

✗ A. Arunachal Pradesh

✗ B. Himachal Pradesh

✗ C. Sikkim

✓ D. Ladakh

Q.98 **Wild Fictions: Essays published in January 2025, is written by which author?**

Ans

✗ A. Nidhi Razdan

✗ B. Santanu Bhattacharya

✓ C. Amitav Ghosh

✗ D. Gautam Bhatia

Q.99 **What breakthrough innovation in renewable energy storage, which replaces liquid electrolyte with a solid one, was announced in 2025?**

Ans

✓ A. Solid-state sodium-ion battery

✗ B. Graphene-supercapacitor hybrid

✗ C. Hydrogen fusion battery

✗ D. Lithium-silicon flexible battery

Q.100 **Where was the 17th edition of the Nomadic Elephant defense joint military drill between India and Mongolia held in 2025?**

Ans

✗ A. New Delhi, India

✓ B. Ulaanbaatar, Mongolia

✗ C. Rajasthan, India

✗ D. Kharkhorin, Mongolia

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