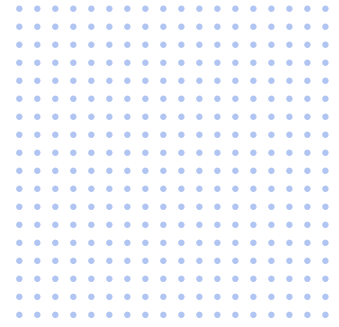




FOR SSC CGL EXAM PREPARATION

SSC CGL 2023 Question Paper · Tier 1 Exam All Shifts (in English)

EXAM

SSC CGL

YEAR

2023

TYPE

Question Paper

SUBJECT

Tier 1 Exam All Shifts (in English)

DATE

14 Jul

Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/07/2023
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2023

Section : **General Intelligence and Reasoning**

Q.1 Select the option figure which is embedded in the given figure. (Rotation is NOT allowed).

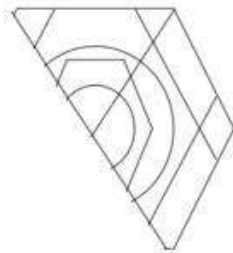


Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 26433089778

Status : **Answered**

Chosen Option : 2

Q.2 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Warriors
2. Warehouse
3. Warcraft
4. Warranty
5. Wardrobe
6. Wardenship

Ans ☒ 1. 3, 6, 5, 2, 1, 4
☒ 2. 3, 5, 6, 2, 1, 4
☒ 3. 3, 5, 6, 2, 4, 1
☒ 4. 3, 6, 5, 2, 4, 1

Question ID : 264330132163

Status : Answered

Chosen Option : 4

Q.3 Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some desks are trays.
Some trays are plates.
Some plates are desks.

Conclusions:

- I. All desks are plates.
- II. All plates are desks.
- III. Some plates are trays.
- IV. All trays are desks.

Ans ☒ 1. Only conclusion III follows
☒ 2. Only conclusion IV follows
☒ 3. Only conclusion II follows
☒ 4. Only conclusion I follows

Question ID : 26433085684

Status : Answered

Chosen Option : 1

Q.4 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Skin : Touch :: Nose : ?

Ans ☒ 1. Smell
☒ 2. Taste
☒ 3. Nose ring
☒ 4. Sweat

Question ID : 26433087263

Status : Answered

Chosen Option : 1

Q.5 Ganesh was taking a walk with his mother's brother's father's granddaughter. Who was he walking with?

- Ans ☒ 1. Daughter
☒ 2. Mother
☒ 3. Cousin
☒ 4. Granddaughter

Question ID : 264330118669
Status : Answered
Chosen Option : 1

Q.6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

T e 2 9 E K P
M ————— N

- Ans ☒ 1. T e 2 9 E K P
☒ 2. T e 2 9 E K P
☒ 3. P K E 9 2 e T
☒ 4. T e 2 9 E K P

Question ID : 26433091689
Status : Answered
Chosen Option : 2

Q.7 Which of the following letter-clusters will replace the question mark (?) in the given series?
UV, OY, IB, EE, ?

- Ans ☒ 1. ZK
☒ 2. AH
☒ 3. BI
☒ 4. BH

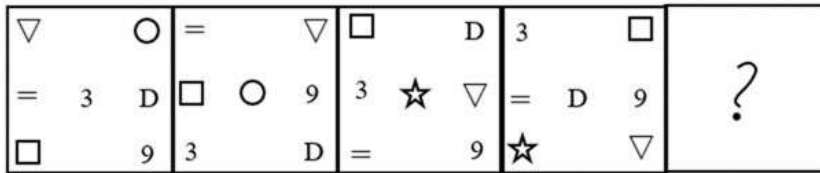
Question ID : 26433057186
Status : Answered
Chosen Option : 2

Q.8 The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs except one. Find that odd number-pair.

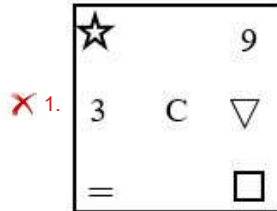
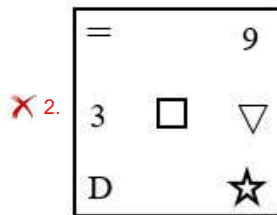
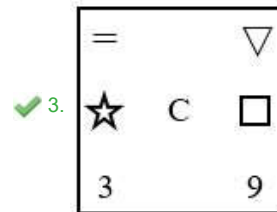
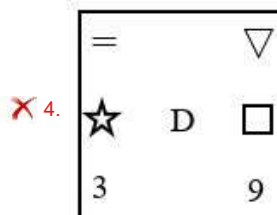
- Ans ☒ 1. 20 : 11
☒ 2. 6 : 4
☒ 3. 15 : 9
☒ 4. 12 : 7

Question ID : 264330143704
Status : Not Answered
Chosen Option : --

Q.9 Select the figure that will replace the question mark (?) in the following figure series.



Ans



Question ID : 264330143831
Status : Answered
Chosen Option : 2

Q.10 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '1'.

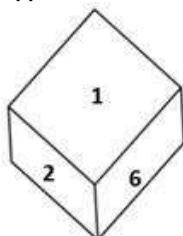


Figure 1

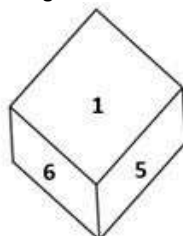


Figure 2

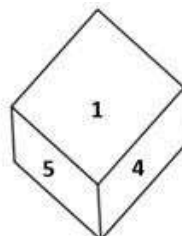


Figure 3

Ans

✗ 1. 6

✗ 2. 2

✓ 3. 3

✗ 4. 4

Question ID : 26433069064
Status : Answered
Chosen Option : 3

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(55, 11, 25)

(64, 16, 16)

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. 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. (33, 11, 9)

☐ 2. (33, 11, 22)

☐ 3. (33, 11, 3)

☐ 4. (33, 11, 10)

Question ID : 26433087188

Status : Answered

Chosen Option : 1

Q.12 Select the option that is related to the sixth letter-cluster in the same way as the first letter-cluster is related to the second letter-cluster and the third letter-cluster is related to the fourth letter-cluster.

HMD : KOE :: BNQ : EPR :: ? : FLV

Ans ☐ 1. SJE

☐ 2. UJC

☐ 3. EJS

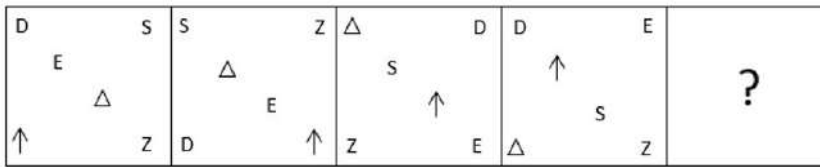
☒ 4. CJU

Question ID : 264330102977

Status : Answered

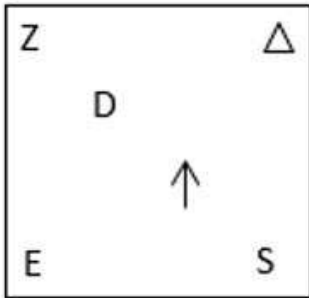
Chosen Option : 4

Q.13 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

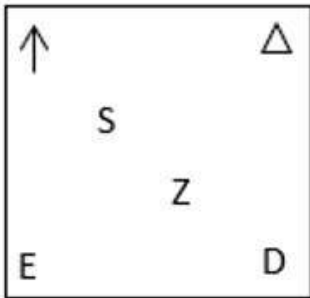


Ans

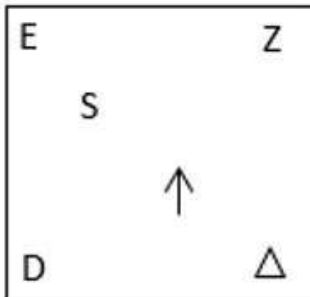
✗ 1.



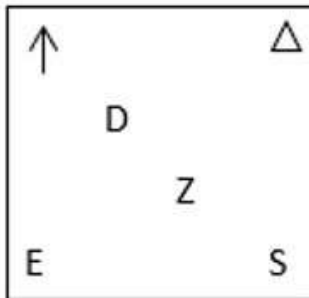
✗ 2.



✗ 3.



✓ 4.



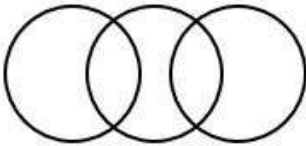
Question ID : 26433085797
Status : Answered
Chosen Option : 2

Q.14 Select the Venn diagram that best illustrates the relationship between the following classes.

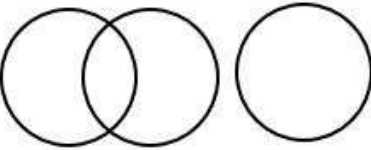
Ticket, Aeroplane, Rail

Ans

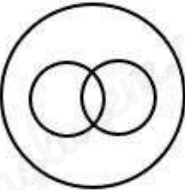
✓ 1.



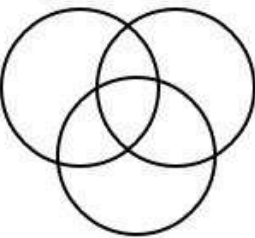
✗ 2.



✗ 3.



✗ 4.



Question ID : 264330145436

Status : Answered

Chosen Option : 1

Q.15 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans

✗ 1. BFJN

✗ 2. DHLP

✓ 3. HJKP

✗ 4. JNRV

Question ID : 264330143768

Status : Answered

Chosen Option : 3

Q.16 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

5 : 45 :: 3 : 3 :: 6 : ?

Ans

✗ 1. 90

✗ 2. 106

✗ 3. 110

✓ 4. 96

Question ID : 264330143716

Status : Answered

Chosen Option : 4

Q.17 Which of the following numbers will replace the question mark (?) in the given series?
8, 15, 26, ?, 56, 75

- Ans ☒ 1. 39
☐ 2. 41
☐ 3. 35
☐ 4. 43

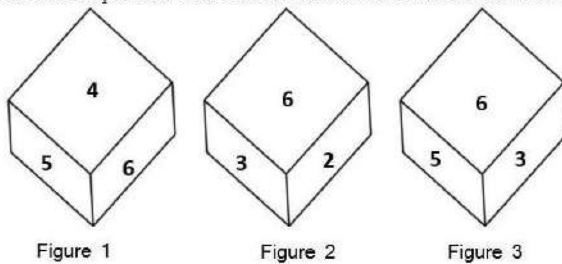
Question ID : 26433085705
Status : Answered
Chosen Option : 2

Q.18 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
7183 : 3850 :: 6957 : ? :: 8972 : 5639

- Ans ☐ 1. 3426
☒ 2. 3624
☐ 3. 3246
☐ 4. 3642

Question ID : 26433078953
Status : Not Answered
Chosen Option : --

Q.19 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.



- Ans ☐ 1. 5
☐ 2. 6
☐ 3. 2
☒ 4. 3

Question ID : 26433069066
Status : Answered
Chosen Option : 4

Q.20 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
625 : 5 :: 2560 : 8 :: 5000 : ?

- Ans ☐ 1. 9
☐ 2. 12
☒ 3. 10
☐ 4. 15

Question ID : 26433085828
Status : Answered
Chosen Option : 3

Q.21 In a certain code language, 'ASK' is written as '62' and 'BYE' is written as '64'. How will 'CRY' be written in that language?

- Ans
- ☐ 1. 68
 - ☐ 2. 72
 - ☐ 3. 86
 - ☒ 4. 92

Question ID : 26433082572
Status : Answered
Chosen Option : 4

Q.22 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.
 $256 * 4 * 9 * 3 * 14 = 51$

- Ans
- ☐ 1. $\times + - \div$
 - ☐ 2. $\div \times - +$
 - ☐ 3. $\times \div + -$
 - ☒ 4. $\div - \times +$

Question ID : 264330122474
Status : Answered
Chosen Option : 4

Q.23 Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.
C L _ V E C _ _ W E C L O _ _ C _ O _ E

- Ans
- ☐ 1. OLPXELY
 - ☐ 2. OLOYELZ
 - ☐ 3. OLOXFMY
 - ☒ 4. OLOXELY

Question ID : 264330143756
Status : Answered
Chosen Option : 4

Q.24 In a certain code language, 'TABLE' is coded as ELEAT and 'SWING' is coded as GNLWS. How will 'FRAME' be coded in the same language?

- Ans
- ☐ 1. EMERF
 - ☒ 2. EMDRF
 - ☐ 3. ERMDF
 - ☐ 4. MEDFR

Question ID : 264330129761
Status : Answered
Chosen Option : 2

Q.25 Which two signs should be interchanged to make the given equation correct?
 $588 \div 28 \times 32 + 72 - 160 = 760$

- Ans
- ☒ 1. $-$ and $+$
 - ☐ 2. $\div$ and $-$
 - ☐ 3. $+$ and $\times$
 - ☐ 4. $\div$ and $+$

Question ID : 264330132505
Status : Answered
Chosen Option : 1

Section : General Awareness

Q.1 The length of the badminton court for singles is:

- Ans**
- ☐ 1. 13.44 m
 - ☐ 2. 13.55 m
 - ☐ 3. 14 m
 - ☒ 4. 13.40 m

Question ID : 264330112520
Status : Not Answered
Chosen Option : --

Q.2 Who is the Administrative Head of the Indian Audit and Accounts Department?

- Ans**
- ☐ 1. Accountant General
 - ☐ 2. Principal Accountant General
 - ☐ 3. Director General
 - ☒ 4. The Comptroller and Auditor General

Question ID : 264330112788
Status : Answered
Chosen Option : 4

Q.3 Which of the following is the largest pan-India scheme to strengthen health care infrastructure across the country with focus on primary, secondary and tertiary care services?

- Ans**
- ☐ 1. LaQshya
 - ☐ 2. AB-PMJAY
 - ☒ 3. PM-ABHIM
 - ☐ 4. PM-MI

Question ID : 264330111307
Status : Not Answered
Chosen Option : --

Q.4 Which of the following festivals is associated with the term 'ties of protection'?

- Ans**
- ☐ 1. Baisakhi
 - ☐ 2. Karwa Chauth
 - ☐ 3. Chhath Pooja
 - ☒ 4. Raksha Bandhan

Question ID : 264330111151
Status : Answered
Chosen Option : 4

Q.5 In October 2021, 19-year-old _____ won the silver medal at the World Wrestling Championship.

- Ans**
- ☒ 1. Anshu Malik
 - ☐ 2. Seema Bisla
 - ☐ 3. Sanju Devi
 - ☐ 4. Sonam Malik

Question ID : 26433086892
Status : Answered
Chosen Option : 1

Q.6 _____ emerged as the poorest state as per the first-ever Multi-dimensional Poverty Index (MPI) prepared by Niti Aayog and launched in November 2021.

- Ans ☒ 1. Bihar
☒ 2. Madhya Pradesh
☒ 3. Uttar Pradesh
☒ 4. Mizoram

Question ID : 26433081875
Status : Answered
Chosen Option : 1

Q.7 The consumption of fixed capital is also known as _____.

- Ans ☒ 1. depreciation
☒ 2. net investment
☒ 3. appreciation
☒ 4. gross investment

Question ID : 264330109372
Status : Answered
Chosen Option : 1

Q.8 The Vedic Aryans lived in the area called Sapt-Sindhu, which means area drained by seven rivers. One of the rivers among the seven is Jhelum. What was its ancient name?

- Ans ☒ 1. Askini
☒ 2. Parushni
☒ 3. Vipash
☒ 4. Vitasta

Question ID : 264330114803
Status : Answered
Chosen Option : 4

Q.9 In Chola administration, _____ was the assembly in the villages which were inhabited predominantly by the Brahmanas.

- Ans ☒ 1. Ur
☒ 2. Khilya
☒ 3. Nagaram
☒ 4. Sabha

Question ID : 264330114075
Status : Answered
Chosen Option : 1

Q.10 Which of the following states is NOT a part of the Tapi Basin?

- Ans ☒ 1. Rajasthan
☒ 2. Maharashtra
☒ 3. Madhya Pradesh
☒ 4. Gujarat

Question ID : 264330113288
Status : Not Answered
Chosen Option : --

Q.11 Which of the following is used as a cooling medium for the Large Hadron Collider (LHC) and the superconducting magnets in MRI scanners and NMR spectrometers?

- Ans ☒ 1. Neon
☒ 2. Chlorine
☒ 3. Argon
☒ 4. Helium

Question ID : 264330109906
Status : Not Answered
Chosen Option : --

Q.12 In 2018, Google Doodle celebrated the 100th birthday of Mrinalini Sarabhai. She is an exponent of which of the following dance forms?

- Ans ☒ 1. Bharatanatyam and Kathakali
☒ 2. Odissi and Kathak
☒ 3. Kuchipudi and Bharatanatyam
☒ 4. Yakshagana

Question ID : 26433064791
Status : Answered
Chosen Option : 3

Q.13 Bharatanatyam expresses South Indian religious themes and spiritual ideas of _____.

- Ans ☒ 1. Sufism
☒ 2. Shaivism
☒ 3. Buddhism
☒ 4. Jainism

Question ID : 264330109264
Status : Answered
Chosen Option : 2

Q.14 Who among the following musicians is popular for his mastery over the musical instrument Sitar?

- Ans ☒ 1. Ali Akbar Khan
☒ 2. Vilayat Khan
☒ 3. Bahadur Khan
☒ 4. Amjad Ali Khan

Question ID : 264330131305
Status : Answered
Chosen Option : 1

Q.15 Which of the following countries was the host of AFC Women's Asia Cup Football-2022?

- Ans ☒ 1. Japan
☒ 2. Bangladesh
☒ 3. India
☒ 4. China

Question ID : 26433054689
Status : Not Answered
Chosen Option : --

Q.16 Ms Bhakti Pradip Kulkarni was conferred with the Arjuna Award 2022 for her outstanding contribution in which of the following sports?

- Ans ☒ 1. Table Tennis
☒ 2. Chess
☒ 3. Badminton
☒ 4. Wrestling

Question ID : 264330130856
Status : Not Answered
Chosen Option : --

Q.17 Who among the following was the founder of 'Tiger Legion' or 'Free India Legion'?

- Ans ☒ 1. Vinayak Damodar Savarkar
☒ 2. Subhas Chandra Bose
☒ 3. Sohan Singh Bhakhna
☒ 4. Lala Hardayal

Question ID : 264330141521
Status : Answered
Chosen Option : 3

Q.18 Name a reproductive strategy in which parasites take advantage of the care of other individuals of the same species or different species to raise their young.

- Ans ☒ 1. Brood parasitism
☒ 2. Sexual parasitism
☒ 3. Klepto parasitism
☒ 4. Competitive parasitism

Question ID : 264330113482
Status : Not Answered
Chosen Option : --

Q.19 On the basis of tribal population (2011), identify the option that arranges the following states in ascending order.

- A. Madhya Pradesh
B. Maharashtra
C. Odisha

- Ans ☒ 1. (C), (B), (A)
☒ 2. (B), (A), (C),
☒ 3. (C), (A), (B)
☒ 4. (B), (C), (A)

Question ID : 264330132744
Status : Not Answered
Chosen Option : --

Q.20 In which industrial policy was the investment limit for tiny industry/unit increased to ₹2 lakh?

- Ans ☒ 1. 1977
☒ 2. 1991
☒ 3. 1980
☒ 4. 1956

Question ID : 264330109392
Status : Not Answered
Chosen Option : --

Q.21 Which scientist thought of the concept of steady state of the universe?

- Ans** ☒ 1. Harold Jeffrey
☒ 2. Edwin Hubble
☒ 3. Fred Hoyle
☒ 4. Pierre-Simon Laplace

Question ID : 26433097111
Status : **Answered**
Chosen Option : 2

Q.22 Match the columns.

Column-A (Class)

- i. Chlorophyceae
ii. Phaeophyceae
iii. Rhodophyceae
iv. Cyanophyceae

Column-B (Common name)

- a. Brown algae
b. Green algae
c. Blue-green algae
d. Red algae

- Ans** ☒ 1. i-b, ii-c, iii-a, iv-d
☒ 2. i-b, ii-a, iii-d, iv-c
☒ 3. i-d, ii-c, iii-b, iv-a
☒ 4. i-a, ii-b, iii-c, iv-d

Question ID : 264330109913
Status : **Answered**
Chosen Option : 2

Q.23 Ryotwari system of revenue collection in India, introduced by the British, was based on the _____.

- Ans** ☒ 1. Smith's theory of rent
☒ 2. Ricardian theory of rent
☒ 3. Malthusian theory of rent
☒ 4. Marx's theory of rent

Question ID : 264330109818
Status : **Answered**
Chosen Option : 2

Q.24 Who received the Nobel Prize in 1901 for 'recognition of the extraordinary services rendered by the discovery of the laws of chemical dynamics and osmotic pressure in solutions'?

- Ans** ☒ 1. Hermann Emil Fischer
☒ 2. Jacobus Henricus van 't Hoff
☒ 3. Svante August Arrhenius
☒ 4. Henri Moissan

Question ID : 264330144047
Status : **Not Answered**
Chosen Option : --

Q.25 Which of the following Articles of the Indian Constitution are related to citizenship?

- Ans
- ☐ 1. Articles 15 to 21
 - ☒ 2. Articles 5 to 11
 - ☐ 3. Articles 2 to 4
 - ☐ 4. Articles 25 to 31

Question ID : 264330144220
Status : Answered
Chosen Option : 2

Section : Quantitative Aptitude

Q.1 If A is 95% of B, then what per cent of A is B?

- Ans
- ☐ 1. $110\frac{3}{19}\%$
 - ☐ 2. $104\frac{7}{19}\%$
 - ☐ 3. $108\frac{17}{19}\%$
 - ☒ 4. $105\frac{5}{19}\%$

Question ID : 26433091507
Status : Answered
Chosen Option : 4

Q.2 The marked price of mustard oil is 25% more than its cost price. At what percentage less than the marked price should it be sold to have no profit and no loss?

- Ans
- ☐ 1. 15%
 - ☒ 2. 20%
 - ☐ 3. 18%
 - ☐ 4. 22%

Question ID : 26433082967
Status : Answered
Chosen Option : 2

Q.3 A can complete a piece of work in 25 days while B can complete the same work in 30 days. They work on alternate basis, starting with A. Both A and B follow this pattern for 5 days and then A leaves the work. In how many days will B finish the remaining work?

- Ans
- ☒ 1. $24\frac{2}{5}$
 - ☐ 2. $5\frac{2}{5}$
 - ☐ 3. $5\frac{3}{5}$
 - ☐ 4. $24\frac{3}{5}$

Question ID : 264330108987
Status : Answered
Chosen Option : 1

Q.4 As part of his journey, a person travels 120 km at 80 km/h, the next 100 km at 40 km/h, and comes back to the starting point at 75 km/h. The average speed of the person throughout the journey (approximately) is:

- Ans ☒ 1. 63.46 km/h
☒ 2. 58.74 km/h
☒ 3. 68.15 km/h
☒ 4. 49.58 km/h

Question ID : 264330103694
 Status : Not Answered
 Chosen Option : --

Q.5 8 men can complete a work in 45 days. 8 women can complete the same work in 18 days. In how many days will 5 men and 8 women, together, complete the same work?

- Ans ☒ 1. $13\frac{1}{5}$
☒ 2. $12\frac{4}{5}$
☒ 3. $14\frac{2}{5}$
☒ 4. $15\frac{3}{5}$

Question ID : 264330143465
 Status : Not Answered
 Chosen Option : --

Q.6 $6^{25} + 6^{26} + 6^{27} + 6^{28}$ is divisible by:

- Ans ☒ 1. 256
☒ 2. 254
☒ 3. 255
☒ 4. 259

Question ID : 264330145549
 Status : Answered
 Chosen Option : 1

Q.7 Study the given table and answer the question that follows.

The table shows the classification of 100 students based on the marks obtained by them in History and Geography in an examination.

Subject	Marks out of 50				
	40 and above	30 and above	20 and above	10 and above	0 and above
History	9	32	80	92	100
Geography	4	21	66	81	100
Average (Aggregate)	7	27	73	87	100

Based on the table, what is the number of students scoring less than 20% marks in aggregate?

- Ans ☒ 1. 13
☒ 2. 11
☒ 3. 10
☒ 4. 12

Question ID : 264330126601
 Status : Answered
 Chosen Option : 1

Q.8 Two concentric circles are of radii 10 cm and 6 cm. Find the length of the chord of the larger circle which touches the smaller circle.

- Ans
- ☒ 1. 8 cm
 - ☒ 2. 16 cm
 - ☒ 3. 12 cm
 - ☒ 4. 9 cm

Question ID : 264330143604

Status : Answered

Chosen Option : 3

Q.9 If $\sin(a + b) = 1$ and $\cos(a - b) = \frac{1}{2}$, then find a.

- Ans
- ☒ 1. 75°
 - ☒ 2. 30°
 - ☒ 3. 15°
 - ☒ 4. 45°

Question ID : 264330126616

Status : Answered

Chosen Option : 1

Q.10 A train 900 m long is running at 108 km/h. How long will it take to clear a 900 m long platform completely?

- Ans
- ☒ 1. 60 s
 - ☒ 2. 45 s
 - ☒ 3. 30 s
 - ☒ 4. 18 s

Question ID : 26433097578

Status : Answered

Chosen Option : 1

Q.11 If $7b - \frac{1}{4b} = 7$, then what is the value of $16b^2 + \frac{1}{49b^2}$?

- Ans
- ☒ 1. $\frac{80}{49}$
 - ☒ 2. $\frac{104}{7}$
 - ☒ 3. $\frac{120}{7}$
 - ☒ 4. $\frac{7}{2}$

Question ID : 264330130312

Status : Not Answered

Chosen Option : --

Q.12 If $m\angle C = m\angle Z$ and $AC = XZ$, then which of the following conditions is necessary for $\triangle ABC$ and $\triangle XYZ$ to be congruent?

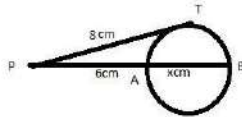
- Ans
- ☒ 1. $AB = AC$
 - ☒ 2. $BC = YZ$
 - ☒ 3. $AB = XY$
 - ☒ 4. $BC = AB$

Question ID : 264330131545

Status : Answered

Chosen Option : 2

Q.13 In the given figure, PAB is a secant and PT is a tangent to the circle from P . If $PT = 8$ cm, $PA = 6$ cm and $AB = x$ cm, then the value of x is:



- Ans
- ☒ 1. $\frac{14}{9}$
 - ☒ 2. $\frac{1}{3}$
 - ☒ 3. $\frac{14}{3}$
 - ☒ 4. $\frac{4}{3}$

Question ID : 26433075019

Status : Answered

Chosen Option : 3

Q.14 A shopkeeper offers the following two discount schemes.
A) Buy 3 get 4 free
B) Buy 5 get 6 free
Which scheme has the maximum discount percentage?

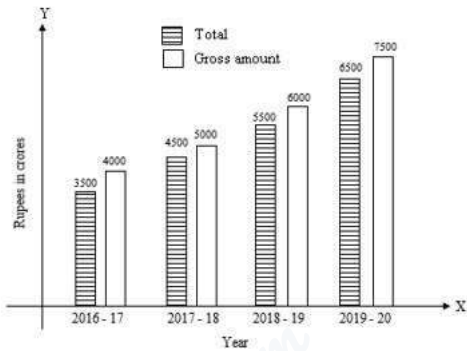
- Ans
- ☒ 1. A
 - ☒ 2. A does not give any discount
 - ☒ 3. A and B both have the same discount percentage
 - ☒ 4. B

Question ID : 264330104250

Status : Answered

Chosen Option : 1

Q.15 The following bar chart represents the gross amount (in ₹ lakhs) and total cost (in ₹ lakhs) of a firm.



In order to make a profit of 25%, what should the gross amount have been (in ₹

- Ans**
- ☒ 1. 7800
 - ☒ 2. 8000
 - ☒ 3. 8250
 - ☒ 4. 8125

Question ID : 264330122696

Status : Answered

Chosen Option : 4

Q.16 In what time will ₹10,000 at 4% per annum, produce the same interest as ₹8,000 does in 4 years at 5% simple interest?

- Ans**
- ☒ 1. 5 years
 - ☒ 2. 3 years
 - ☒ 3. 4 years
 - ☒ 4. 6 years

Question ID : 264330111476

Status : Answered

Chosen Option : 3

Q.17 A man, a boy and a woman can finish a work in 10 days, 15 days and 30 days, respectively. In how many days can the work be finished by a man, a woman and a boy when all of them work together?

- Ans**
- ☒ 1. 10
 - ☒ 2. 5
 - ☒ 3. 8
 - ☒ 4. 6

Question ID : 264330112114

Status : Answered

Chosen Option : 2

Q.18

If $\cos \theta = \frac{\sqrt{3}}{2}$, then $\tan^2 \theta \cos^2 \theta = ?$

Ans

☐ 1. $\frac{1}{\sqrt{3}}$

☒ 2. $\frac{1}{4}$

☐ 3. $\frac{1}{2}$

☐ 4. $\sqrt{3}$

Question ID : 264330143600

Status : Answered

Chosen Option : 2

Q.19 What is the value of $(3x^3 + 5x^2y + 12xy^2 + 7y^3)$, when $x = -4$ and $y = -1$?

Ans ☐ 1. -329

☐ 2. -359

☐ 3. -361

☒ 4. -327

Question ID : 264330114553

Status : Answered

Chosen Option : 4

Q.20 If the four numbers, 39, 117, 17 and y are in proportion, then find the value of y .

Ans ☐ 1. 49

☒ 2. 51

☐ 3. 57

☐ 4. 85

Question ID : 264330103274

Status : Answered

Chosen Option : 2

Q.21

The volume of a sphere of radius 4.2 cm is: (Use $\pi = \frac{22}{7}$)

Ans ☐ 1. 278.234 cm^3

☐ 2. 312.725 cm^3

☐ 3. 297.824 cm^3

☒ 4. 310.464 cm^3

Question ID : 264330111489

Status : Answered

Chosen Option : 4

Q.22 If $(a + b + c) = 16$, and $(a^2 + b^2 + c^2) = 90$, find the value of $(ab + bc + ca)$.

- Ans ☒ 1. 84
☒ 2. 83
☒ 3. 82
☒ 4. 81

Question ID : 264330101342
Status : Not Answered
Chosen Option : --

Q.23 If $\{(3 \sin \theta - \cos \theta) / (\cos \theta + \sin \theta)\} = 1$, then the value of $\cot \theta$ is:

- Ans ☒ 1. 3
☒ 2. 0
☒ 3. 1
☒ 4. 2

Question ID : 26433075266
Status : Not Answered
Chosen Option : --

Q.24 Two runners, Sony and Mony, start running on a circular track of length 200 m at speeds of 18 and 24 km/h, respectively, in the same direction. After how much time from the start will they meet again at the starting point?

- Ans ☒ 1. 120 sec
☒ 2. 110 sec
☒ 3. 100 sec
☒ 4. 90 sec

Question ID : 264330143478
Status : Not Answered
Chosen Option : --

Q.25 What will be the remainder when $(265)^{4081} + 9$ is divided by 266?

- Ans ☒ 1. 8
☒ 2. 6
☒ 3. 1
☒ 4. 9

Question ID : 264330131510
Status : Answered
Chosen Option : 1

Section : English Comprehension

Q.1 The following sentence has been split into four segments. Identify the segment that contains an error.

Neetu have been / waiting for me / since 10 o'clock / in the morning.

- Ans ☒ 1. Neetu have been
☒ 2. in the morning
☒ 3. since 10 o'clock
☒ 4. waiting for me

Question ID : 26433088296
Status : Answered
Chosen Option : 1

Q.2 Select the most appropriate ANTONYM of the underlined word.
Her dog can climb under the fence.

- Ans** ☒ 1. Over
☒ 2. Sink
☒ 3. Behind
☒ 4. Beneath

Question ID : 264330121046
Status : Answered
Chosen Option : 1

Q.3 Select the INCORRECTLY spelt word in the given sentence.

The village beggars, no longer ill at ease in the gathering of glittering dignitaries, sat in their assigned rows and joked with vegetarian Brahmin apprentices.

- Ans** ☒ 1. assigned
☒ 2. apprentices
☒ 3. beggars
☒ 4. glittering

Question ID : 264330108900
Status : Answered
Chosen Option : 4

Q.4 Select the option that expresses the given sentence in passive voice.

The company's board of directors will announce the financial results at the annual meeting tomorrow.

- Ans** ☒ 1. The financial results will have been announced by the company's board of directors at the annual meeting tomorrow.
☒ 2. The financial results are being announced by the company's board of directors at the annual meeting tomorrow.
☒ 3. The company's board of directors announced the financial results at the annual meeting tomorrow.
☒ 4. The financial results will be announced by the company's board of directors at the annual meeting tomorrow.

Question ID : 264330137480
Status : Answered
Chosen Option : 4

Q.5 Select the grammatically correct sentence.

- Ans** ☒ 1. The participants of the competition are waiting for their turn curiously.
☒ 2. The participants of the competition has been waiting for their turn curiously.
☒ 3. A participants of the competition is waiting for their turn curiously.
☒ 4. The participants of the competition is waiting for their turn curiously.

Question ID : 26433073773
Status : Answered
Chosen Option : 1

Q.6 Select the most appropriate **ANTONYM** of the underlined word in the given sentence.

Henry is so servile that other people take advantage of him.

- Ans** ☒ 1. Arrogant
☐ 2. Sheepish
☐ 3. Bickering
☐ 4. Cunning

Question ID : **26433087923**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the option that can be used as a one-word substitute for the given group of words.

A thing fit to eat.

- Ans** ☐ 1. Eligible
☐ 2. Digestible
☐ 3. Curable
☒ 4. Edible

Question ID : **26433086366**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the most appropriate meaning of the given idiom.

Lily-livered

- Ans** ☐ 1. Brave
☐ 2. Comical
☒ 3. Not brave
☐ 4. Naughty

Question ID : **26433089007**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Select the most appropriate synonym of the given word.

Zealous

- Ans** ☒ 1. Enthusiastic
☐ 2. Detached
☐ 3. Apathetic
☐ 4. Indifferent

Question ID : **26433073693**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the most appropriate option that can substitute the underlined word in the given sentence.

She had an ability to persuade others.

- Ans
- ☒ 1. halt
 - ☒ 2. suppress
 - ☒ 3. outrage
 - ☒ 4. impress

Question ID : 26433092066
Status : Answered
Chosen Option : 2

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.

We must remember that what we teach our children is what we inculcate in them.

- Ans
- ☒ 1. endanger
 - ☒ 2. inspire
 - ☒ 3. instil
 - ☒ 4. import

Question ID : 26433098909
Status : Answered
Chosen Option : 3

Q.12 Select the option that expresses the given sentence in passive voice.
He won't receive any better choice than this from anywhere.

- Ans
- ☒ 1. Any better choice won't be received by him than this from anywhere.
 - ☒ 2. Any better choice wouldn't have received by him than this from anywhere.
 - ☒ 3. Any better choice shouldn't be received by him than this from anywhere.
 - ☒ 4. Any better choice won't have been be received by him than this from anywhere.

Question ID : 26433094755
Status : Answered
Chosen Option : 1

Q.13 Select the most appropriate synonym of the given word.
Feeble

- Ans
- ☒ 1. Unheedful
 - ☒ 2. Strong
 - ☒ 3. Weak
 - ☒ 4. Baneful

Question ID : 26433099870
Status : Answered
Chosen Option : 3

Q.14 Select the correct spelling of the underline word.

They denied having any associasion with the terrorists.

- Ans
- ☒ 1. asociation
 - ☒ 2. asocciation
 - ☒ 3. assosiation
 - ☒ 4. association

Question ID : 26433094772
Status : Answered
Chosen Option : 4

Q.15 Select the most appropriate meaning of the underlined idiom in the given sentence.
Pooja tried to explain the problem, but soon she tied herself up in knots.

- Ans ☒ 1. Be forced to explain your actions and (probably) punished
☒ 2. Become very confused when you are trying to explain something
☒ 3. Make no progress in an argument or discussion
☒ 4. Won't modify an opinion or agree to even small changes that another person wants

Question ID : 26433091349

Status : Answered

Chosen Option : 2

Q.16 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. In Bihar and Central India, in particular, every district had smelters that used local deposits of ore to produce iron which was widely used for the manufacture of implements and tools of daily use.
B. The smelting was done by men while women worked on the bellows, pumping air that kept the charcoal burning.
C. But iron smelting in India was extremely common till the end of the nineteenth century.
D. Production of Wootz steel required a highly specialised technique of refining iron.

- Ans ☒ 1. ACDB
☒ 2. DCAB
☒ 3. BCDA
☒ 4. CBDA

Question ID : 264330143864

Status : Answered

Chosen Option : 2

Q.17 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. He repeated the experiment, increasing the amount until he had weighed up to a thousand pounds.
B. During the spring of 1717, the iron foundries in a remote district were often visited by a thin, middle-aged man with a notebook.
C. Three cauldrons were next prepared under his directions.
D. He would weigh out two pounds of iron, have them heated till they were red-hot and then weigh them again.

- Ans ☒ 1. BDAC
☒ 2. ABDC
☒ 3. BCAD
☒ 4. CABD

Question ID : 26433096974

Status : Not Answered

Chosen Option : --

Q.18 Select the most appropriate option to fill in the blank.

She is _____ a peacock in the blue satin saree.

- Ans ☒ 1. very beautiful as
☒ 2. so beautiful as
☒ 3. as beautiful as
☒ 4. beautiful like

Question ID : 26433072720

Status : Answered

Chosen Option : 3

Q.19 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A.The top band is made of saffron, which symbolises power and courage.
B.The constituent assembly adopted our national flag, Tiranga, which means tricolour, on 22 July 1947.
C.As a symbol of nationalism and freedom, it is fashioned from khadi, which is domestically spun Indian cotton.
D.It features three horizontal stripes that are all the same width.

Ans ☒ 1. CBAD
☒ 2. CBDA
☒ 3. BCDA
☒ 4. BDCA

Question ID : 26433096979
Status : Answered
Chosen Option : 3

Q.20 Select the most appropriate homonym to fill in the blank.
The hunter dogs followed the hyena's _____.

Ans ☒ 1. sense
☒ 2. scent
☒ 3. cense
☒ 4. cents

Question ID : 264330142390
Status : Answered
Chosen Option : 2

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) _____ a unique blessing, which in turn depends on the (2) _____ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) _____ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) _____, we are unable to develop any love for the Divine. And religion like the white light of heavens (5) _____ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Tail hard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

Ans ☒ 1. considering
☒ 2. to consider
☒ 3. considered
☒ 4. consider

Question ID : 264330139174
Status : Answered
Chosen Option : 1

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) _____ a unique blessing, which in turn depends on the (2) _____ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) _____ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) _____, we are unable to develop any love for the Divine. And religion like the white light of heavens (5) _____ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Teilhard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

Ans ☒ 1. witness

☒ 2. known

☒ 3. awareness

☒ 4. aware

Question ID : 264330139175

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) _____ a unique blessing, which in turn depends on the (2) _____ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) _____ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) _____, we are unable to develop any love for the Divine. And religion like the white light of heavens (5) _____ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Teilhard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

Ans ☒ 1. Since

☒ 2. From

☒ 3. As per

☒ 4. For

Question ID : 264330139176

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) _____ a unique blessing, which in turn depends on the (2) _____ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) _____ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) _____, we are unable to develop any love for the Divine. And religion like the white light of heavens (5) _____ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Teilhard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans ☒ 1. As a result
☐ 2. As a reaction
☐ 3. Causing
☐ 4. As a reason

Question ID : 264330139177

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Human life is (1) _____ a unique blessing, which in turn depends on the (2) _____ of the Self. He who is not aware of the Self can neither have peace nor can he foster peaceful co-existence. We have to link our soul with God and body with the physical world for substance. (3) _____ the formless God is invisible to the naked eye, our mind often wanders wherever it goes. (4) _____, we are unable to develop any love for the Divine. And religion like the white light of heavens (5) _____ multi-coloured fragmentations by the prisms of men and loses its gravity. Instead of uniting, it becomes a major dividing force. French philosopher Teilhard de Chardin, thinking deeply on meaning of our existence and relationship with the Divine, expounds, "we are not human beings having a spiritual experience, we are spiritual beings having a human experience".

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans ☐ 1. break into
☐ 2. breaks to
☐ 3. break from
☒ 4. breaks into

Question ID : 264330139178

Status : Answered

Chosen Option : 4

Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/07/2023
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : **General Intelligence and Reasoning**

Q.1 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

MN _ _ SM _ PO _ _ N _ OSM _ P _ S

Ans ☒ 1. PONSMPNO

☐ 2. PNOSMPNO

☐ 3. PONMSPNO

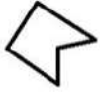
☐ 4. PONSNOMP

Question ID : **26433090007**

Status : **Answered**

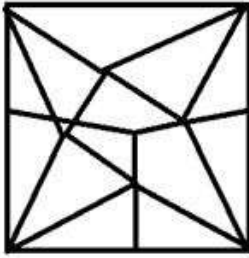
Chosen Option : 1

Q.2 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

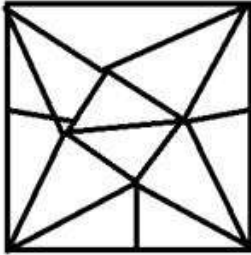


Ans

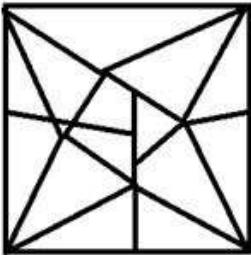
✓ 1.



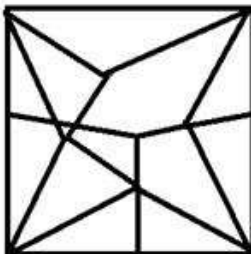
✗ 2.



✗ 3.



✗ 4.



Question ID : 26433057370

Status : Answered

Chosen Option : 1

Q.3 Select the figure that will replace the question mark (?) in the following figure series.

3	F	□	□	○	A	A	□	○	○	♥	6	
	○			F			♥			□		
	A			3			6			A		
6	T	♥	♥	6	T	T	3	F	F	T	3	?

Ans

✗ 1.

6	♥	○
	T	
	□	
3	A	F

✗ 2.

6	○	♥
	3	
	T	
□	A	F

✗ 3.

6	T	○
	♥	
	□	
3	A	F

✓ 4.

6	○	♥
	F	
	T	
3	A	□

Question ID : 264330143829

Status : Answered

Chosen Option : 4

Q.4 Which number should replace the question mark (?) in the following number series?
39, 42, 48, 57, 69, ?, 102

- Ans
- ✗ 1. 87
 - ✗ 2. 79
 - ✗ 3. 81
 - ✓ 4. 84

Question ID : 26433090125

Status : Answered

Chosen Option : 4

Q.5 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 its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(8, 44, 3)
(12, 60, 3)

Ans ☒ 1. (12, 68, 5)

☐ 2. (8, 50, 2)

☐ 3. (17, 56, 9)

☐ 4. (23, 98, 5)

Question ID : 26433079124

Status : **Answered**

Chosen Option : 1

Q.6 Which of the following numbers will replace the question mark (?) in the given series?
33, 80, 108, ?, 183, 230, 258

Ans ☐ 1. 160

☒ 2. 155

☐ 3. 143

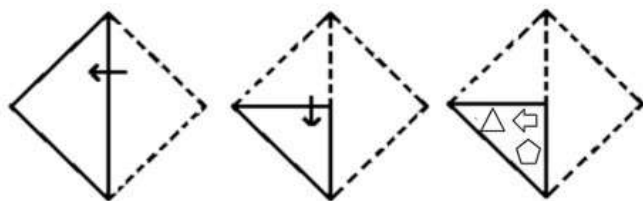
☐ 4. 138

Question ID : 264330103125

Status : **Answered**

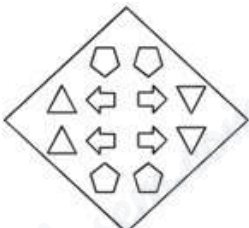
Chosen Option : 2

Q.7 A paper is folded and cut as shown below. How will it appear when unfolded?

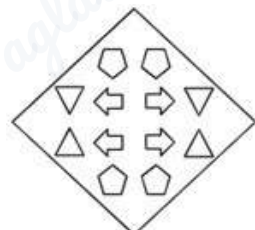


Ans

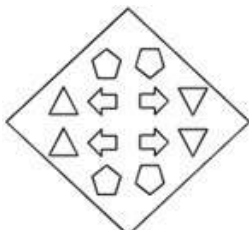
✗ 1.



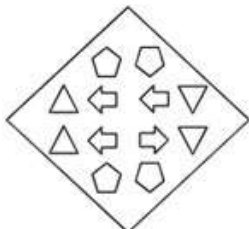
✓ 2.



✗ 3.



✗ 4.



Question ID : 26433080557

Status : Answered

Chosen Option : 2

Q.8 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
 $150 * 3 * 10 * 2 * 7 * 46$

Ans ✓ 1. $\div, +, -, \times, =$

✗ 2. $-, \times, +, \div, =$

✗ 3. $+, -, \div, \times, =$

✗ 4. $\times, +, \div, -, =$

Question ID : 264330123255

Status : Answered

Chosen Option : 1

Q.9 Select the set in which the number are related in the same way as the numbers of the given sets. (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
 (31, 47, 35)
 (51, 67, 55)

- Ans ☒ 1. (33, 47, 35)
☒ 2. (32, 39, 27)
☒ 3. (13, 29, 17)
☒ 4. (21, 36, 35)

Question ID : 26433069103
 Status : Answered
 Chosen Option : 3

Q.10 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.



- Ans ☒ 1. W n ɛ b g ɾ ʌ ɹ
☒ 2. W n ɛ b g ɾ ʌ ɹ
☒ 3. W n ɛ b ɛ ɾ ʌ ɹ
☒ 4. W u ɛ b g ɾ ʌ ɹ

Question ID : 26433070257
 Status : Answered
 Chosen Option : 1

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
 Orthopaedic : Bone :: Cardiologist : ?

- Ans ☒ 1. Kidney
☒ 2. Heart
☒ 3. Lungs
☒ 4. Brain

Question ID : 26433067809
 Status : Answered
 Chosen Option : 2

Q.12 Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.

_ V J R W B _ _ R W B V L _ _ B V _ _ W

- Ans ☒ 1. A V K R W M R
☒ 2. A W K R X N R
☒ 3. B V K R W M R
☒ 4. B W K R W M R

Question ID : 264330143751

Status : Answered

Chosen Option : 3

Q.13 Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some coolers are mixers.
Some mixers are scissors.
Some scissors are knives.

Conclusions:

I. Some knives are mixers.
II. Some scissors are coolers.
III. Some knives are coolers.
IV. No knife is a mixer.

- Ans ☒ 1. Only conclusions III and IV follow
☒ 2. Only conclusions I and III follow
☒ 3. None of the conclusions follow
☒ 4. Only conclusions II and IV follow

Question ID : 264330145439

Status : Answered

Chosen Option : 3

Q.14 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

NHT : PEX :: KDF : MAJ :: UMR : ?

- Ans ☒ 1. WJV
☒ 2. VJW
☒ 3. WPN
☒ 4. XIW

Question ID : 264330102972

Status : Answered

Chosen Option : 1

Q.15 Which of the following is a leap year?

- Ans ☒ 1. 1076
☒ 2. 1675
☒ 3. 1354
☒ 4. 1998

Question ID : 26433067253

Status : Answered

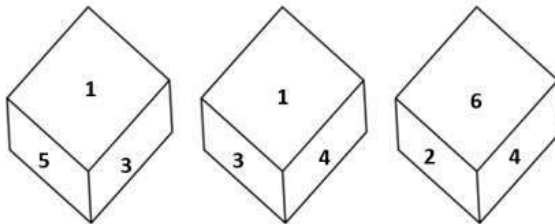
Chosen Option : 1

Q.16 Pointing to Suresha, I said, "She is the daughter of the brother of the son of my wife."
How am I related to Suresha?

- Ans ☒ 1. Grandmother
☒ 2. Grand aunt
☒ 3. Grandfather
☒ 4. Grand uncle

Question ID : 264330106103
Status : Answered
Chosen Option : 3

Q.17 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.



- Ans ☒ 1. 6
☒ 2. 5
☒ 3. 1
☒ 4. 2

Question ID : 26433069437
Status : Answered
Chosen Option : 2

Q.18 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.
WOODLAND : ZIRXOUQX :: PERIODIC : SYUCRXLW :: MAGAZINE : ?

- Ans ☒ 1. HERDWBMO
☒ 2. LPWXSYCZ
☒ 3. NSCAQOLP
☒ 4. PUJUCCQY

Question ID : 26433069031
Status : Answered
Chosen Option : 4

Q.19 Three of the following four triads are alike in a certain way as they are formed by performing same mathematical operations among themselves and thus form a group.
Which triad does NOT belong to that group?

- Ans ☒ 1. 36 : 13 : 7
☒ 2. 16 : 9 : 5
☒ 3. 72 : 16 : 8
☒ 4. 1 : 3 : 2

Question ID : 264330143693
Status : Answered
Chosen Option : 3

Q.20 Which two signs should be interchanged to make the given equation correct?

$$294 + 14 \times 4 \div 16 - 67 = 33$$

Ans ☒ 1. + and ÷

☐ 2. × and ÷

☐ 3. + and -

☐ 4. - and ÷

Question ID : 26433059948

Status : Answered

Chosen Option : 1

Q.21 Three of the following four letter-clusters are alike in a certain way and one is different.
Pick the odd one out.

Ans ☐ 1. KPH

☐ 2. GTD

☐ 3. DWA

☒ 4. EVC

Question ID : 26433092557

Status : Answered

Chosen Option : 4

Q.22 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /Subtracting /multiplying etc. 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, 378, 9)

(18, 432, 8)

Ans ☐ 1. (5, 125, 8)

☒ 2. (15, 405, 9)

☐ 3. (15, 305, 7)

☐ 4. (11, 265, 8)

Question ID : 264330130210

Status : Answered

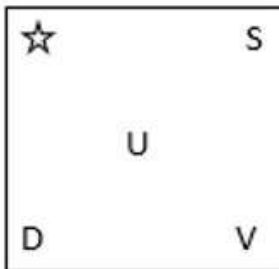
Chosen Option : 2

Q.23 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

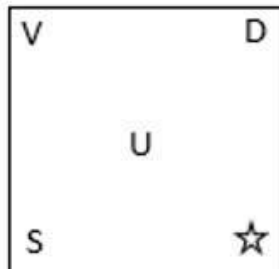
☆	D	D	V	U	D	D	☆	
	V		☆		☆		U	?
S		U	U	S	S	V	V	S

Ans

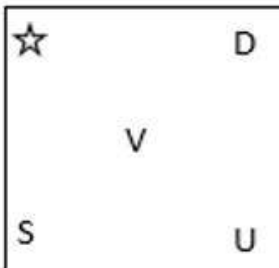
✗ 1.



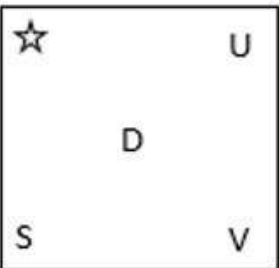
✓ 2.



✗ 3.



✗ 4.



Question ID : 26433085787
Status : **Answered**
Chosen Option : 2

Q.24 Three statements are given followed by three conclusions numbered I, II and III.
Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All rice are grains.
All pulses are grains.
All grains are edibles.

Conclusions:

I. All rice are edibles.
II. All pulses are edible.
III. Some edibles are grains.

- Ans** ☒ 1. All conclusions follow
☒ 2. Only conclusions II and III follow
☒ 3. Only conclusions I and II follow
☒ 4. Only conclusions I and III follow

Question ID : 26433090921
Status : **Answered**
Chosen Option : 1

Q.25 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Strident
2. Student
3. Shirking
4. Stuffy
5. Spider
6. Spawn

- Ans** ☒ 1. 3, 6, 5, 1, 2, 4
☒ 2. 3, 5, 6, 1, 2, 4
☒ 3. 3, 6, 5, 1, 4, 2
☒ 4. 3, 5, 6, 1, 4, 2

Question ID : 264330129459
Status : **Answered**
Chosen Option : 1

Section : **General Awareness**

Q.1 Which of the following musical instruments were played by the musicians such as Shakoor Khan and Pandit Ram Narayan?

- Ans** ☒ 1. Sarangi
☒ 2. Shehnai
☒ 3. Guitar
☒ 4. Veena

Question ID : 264330130500
Status : **Not Answered**
Chosen Option : --

Q.2 According to IBEF 2021, the Indian pharmaceutical industry ranks _____ in the world on the basis of volume.

- Ans** ☒ 1. 9th
☒ 2. 5th
☒ 3. 11th
☒ 4. 3rd

Question ID : 264330111310
Status : **Answered**
Chosen Option : 4

Q.3 When did Linus Carl Pauling receive the Nobel Prize in Chemistry for 'his research into the nature of the chemical bond and its applications to the elucidation of the structure of complex substances'?

- Ans** ☒ 1. 1954
☒ 2. 1950
☒ 3. 1956
☒ 4. 1958

Question ID : 264330144051
Status : Not Answered
Chosen Option : --

Q.4 Daskathia of _____ is the tribal dance performed by two males depicting the historic and Puranic events.

- Ans** ☒ 1. Uttar Pradesh
☒ 2. Gujarat
☒ 3. Goa
☒ 4. Odisha

Question ID : 264330106187
Status : Answered
Chosen Option : 4

Q.5 KA Najeed Vs Union of India case deals with violation of rights under _____.

- Ans** ☒ 1. Article 16
☒ 2. Article 21
☒ 3. Article 14
☒ 4. Article 19

Question ID : 26433061849
Status : Not Answered
Chosen Option : --

Q.6 Which of the following is the red algae?

- Ans** ☒ 1. Rhodophyceae
☒ 2. Chlorophyceae
☒ 3. Liverwort
☒ 4. Phaeophyceae

Question ID : 26433066476
Status : Not Answered
Chosen Option : --

Q.7 What will be the atomic number of an element X which is placed in period 2 and group 17?

- Ans** ☒ 1. 8
☒ 2. 7
☒ 3. 10
☒ 4. 9

Question ID : 264330109902
Status : Answered
Chosen Option : 2

Q.8 In which two consecutive years was there no chief guest at the Republic Day celebrations of India?

- Ans ☒ 1. 2021 and 2022
☒ 2. 2019 and 2020
☒ 3. 2020 and 2021
☒ 4. 2018 and 2019

Question ID : 264330111143
Status : Answered
Chosen Option : 1

Q.9 Fisher's quantity theory is explained by his famous equation given as _____.

- Ans ☒ 1. $MP = VT$
☒ 2. $MV = PT$
☒ 3. $MT = PV$
☒ 4. $PV = MV$

Question ID : 264330109971
Status : Answered
Chosen Option : 2

Q.10 Before the rise of the modern industrial system, Indian exports consisted chiefly of manufactures like _____.

- Ans ☒ 1. electricals
☒ 2. chemicals
☒ 3. light machinery
☒ 4. cotton and silk fabrics

Question ID : 264330112478
Status : Answered
Chosen Option : 4

Q.11 The Kanchenjunga peak is located in which sub-division of Himalaya from the following?

- Ans ☒ 1. Kashmir Himalayas
☒ 2. Darjeeling and Sikkim Himalayas
☒ 3. Himachal and Uttaranchal Himalayas
☒ 4. Arunachal Himalayas

Question ID : 264330119233
Status : Answered
Chosen Option : 2

Q.12 Guru Bipin Singh, a Nrityacharya awardee, Sangeet Natak Akademi awardee and Kalidas Samman awardee, was renowned for promoting which classical dance form?

- Ans ☒ 1. Manipuri
☒ 2. Kuchipudi
☒ 3. Odissi
☒ 4. Kathak

Question ID : 26433055429
Status : Not Answered
Chosen Option : --

Q.13 Who holds the authority of transferring judges from one High court to another High Court?

- Ans** ☒ 1. The senior most judge of Supreme Court
☒ 2. The chief justice of India
☒ 3. The President of India
☒ 4. The law minister of India

Question ID : 264330114407
Status : Answered
Chosen Option : 3

Q.14 _____ is the process of complete or incomplete oxidation or hydrolysis of fats and oils when exposed to air, light, moisture, or bacterial action that spoils food.

- Ans** ☒ 1. Rancidification
☒ 2. Hydrogenation
☒ 3. Auto-oxidation
☒ 4. Auto reduction

Question ID : 264330110030
Status : Answered
Chosen Option : 1

Q.15 Which of the following is a Tibeto-Burmese language?

- Ans** ☒ 1. Odia
☒ 2. Tripuri
☒ 3. Assamese
☒ 4. Tulu

Question ID : 264330109504
Status : Answered
Chosen Option : 2

Q.16 Who among the following was the author of the play 'Mrichchhakatika'?

- Ans** ☒ 1. Kalidasa
☒ 2. Amarasingha
☒ 3. Shudraka
☒ 4. Bhasa

Question ID : 264330113560
Status : Answered
Chosen Option : 1

Q.17 Select the FALSE statement from the given options.

- Ans** ☒ 1. Baikal rocks are formed from the dissolved materials that precipitate from the solution.
☒ 2. The sedimentary rocks are formed by the deposition and subsequent cementation of that material within bodies of water and at the surface of the earth.
☒ 3. Metamorphic rocks may be formed simply by being deep beneath the Earth's surface, subjected to high temperatures and the great pressure of the rock layers above it.
☒ 4. Igneous rock is formed through the cooling and solidification of magma or lava.

Question ID : 26433064190
Status : Not Answered
Chosen Option : --

Q.18 Pathans in North-West India organised the society of Khudai Khidmatgars, popularly known as Red Shirt, under whose leadership?

- Ans** ☒ 1. Muhammad Ali
☒ 2. MA Ansari
☒ 3. Khan Abdul Ghaffar Khan
☒ 4. Hasrat Mohani

Question ID : 264330132675
Status : **Answered**
Chosen Option : 3

Q.19 In which of the following States/Union Territories were the 36th National Games held?

- Ans** ☒ 1. Rajasthan
☒ 2. New Delhi
☒ 3. Gujarat
☒ 4. Kerala

Question ID : 264330113750
Status : **Answered**
Chosen Option : 3

Q.20 Which of the following was established in Bombay in 1875?

- Ans** ☒ 1. Satyashodhak Samaj
☒ 2. Aligarh movement
☒ 3. Brahma Samaj
☒ 4. Arya Samaj

Question ID : 264330111413
Status : **Answered**
Chosen Option : 4

Q.21 Which of the following options conveys the meaning of the word 'Republic' in the Indian Constitution?

- Ans** ☒ 1. Elected head
☒ 2. Nominated head
☒ 3. Subordinate head
☒ 4. Hereditary head

Question ID : 264330110557
Status : **Answered**
Chosen Option : 1

Q.22 Who among the following was defeated in the battle of Chanderi in 1528?

- Ans** ☒ 1. Shershah Suri
☒ 2. Babur
☒ 3. Sikandar Lodi
☒ 4. Medini Rai

Question ID : 264330111390
Status : **Answered**
Chosen Option : 4

Q.23 The venue of the 2020 Olympic Games was _____.

- Ans ☒ 1. Sydney
☒ 2. Rio
☒ 3. Tokyo
☒ 4. Los Angeles

Question ID : 264330110352
Status : Answered
Chosen Option : 3

Q.24 When was the International Day of the Girl Child 2021 celebrated?

- Ans ☒ 1. 14 October
☒ 2. 12 October
☒ 3. 13 October
☒ 4. 11 October

Question ID : 26433069808
Status : Answered
Chosen Option : 1

Q.25 In January 2022, which State Government has extended its integrated initiative for the empowerment of persons with disabilities (PwDs) — the Bhima Bhoi Bhinnakhyama Samarthya Abhiyan (BBSA) – for the next five years?

- Ans ☒ 1. Odisha
☒ 2. Manipur
☒ 3. Jharkhand
☒ 4. West Bengal

Question ID : 26433055575
Status : Not Answered
Chosen Option : --

Section : Quantitative Aptitude

Q.1 In a race around a circular cycling track of 75 km, two cyclists are riding at a speed of 30 km/h and 25 km/h. After what time (in hours) will they meet at the point from where they started their journey?

- Ans ☒ 1. 16
☒ 2. 7
☒ 3. 14
☒ 4. 15

Question ID : 264330119532
Status : Answered
Chosen Option : 4

Q.2 P is two times more efficient than Q. P is able to complete a piece of work in 40 days less than Q. Working together, the whole number of days taken by them to complete the work is:
(Round off to the nearest integer)

- Ans ☒ 1. 26
☒ 2. 25
☒ 3. 27
☒ 4. 28

Question ID : 264330110270
Status : Answered
Chosen Option : 3

Q.3 In an election, 2% persons enrolled in the voter list did not participate and 500 votes were invalid. Two candidates A and B fought the election, and A defeated B by 200 votes. If 43% of the persons enrolled in the voter list casted their votes in favour of A, then what is the number of the total casted votes?

- Ans** ☒ 1. 2450
☒ 2. 2800
☒ 3. 3000
☒ 4. 3250

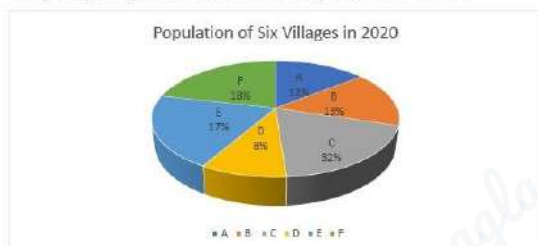
Question ID : 264330130405
 Status : Not Answered
 Chosen Option : --

Q.4 Evaluate the following.
 $\sin 25^\circ \sin 65^\circ - \cos 25^\circ \cos 65^\circ$.

- Ans** ☒ 1. 40
☒ 2. 4
☒ 3. 0
☒ 4. 1

Question ID : 264330143578
 Status : Answered
 Chosen Option : 3

Q.5 Study the given pie chart and answer the question that follows.



The population of village D in 2020 was 10,500. What was the population of village A in 2020? Total population of these six villages is 100%.

- Ans** ☒ 1. 15,570
☒ 2. 15,750
☒ 3. 17,550
☒ 4. 7,875

Question ID : 26433076217
 Status : Answered
 Chosen Option : 2

Q.6 What is the value of $64x^3 + 38x^2y + 20xy^2 + y^3$, when $x = 3$ and $y = -4$?

- Ans** ☒ 1. 1236
☒ 2. 488
☒ 3. 536
☒ 4. 1256

Question ID : 264330114550
 Status : Answered
 Chosen Option : 4

Q.7 X and Y can complete a work in 9 days and 36 days, respectively. X begins to do the work and they work alternately one at a time for one day each. The whole work will be complete in:

Ans

☐ 1. $12\frac{1}{2}$ days

☒ 2. $14\frac{1}{4}$ days

☐ 3. $13\frac{1}{3}$ days

☐ 4. $15\frac{1}{5}$ days

Question ID : 264330106024

Status : Answered

Chosen Option : 2

Q.8 A shopkeeper uses 940 gm weight in place of one kg weight. He sells it at 4% profit. What will be the actual profit percentage? (rounded off to two decimal places)

Ans

☐ 1. 9.25%

☐ 2. 10.32%

☒ 3. 10.64%

☐ 4. 10.96%

Question ID : 26433082381

Status : Answered

Chosen Option : 4

Q.9 If D is the midpoint of BC in $\triangle ABC$ and $\angle A = 90^\circ$, then $AD =$ _____.

Ans

☐ 1. $\frac{BC}{4}$

☐ 2. $2BC$

☒ 3. $\frac{BC}{2}$

☐ 4. BC

Question ID : 264330143566

Status : Answered

Chosen Option : 3

Q.10 In what ratio must water be mixed with milk, costing ₹32 per litre, in order to get a mixture costing ₹28 per litre?

Ans

☐ 1. 8 : 1

☒ 2. 1 : 7

☐ 3. 1 : 8

☐ 4. 7 : 1

Question ID : 264330103934

Status : Answered

Chosen Option : 2

Q.11 5 women and 9 girls earn a total of ₹18,720 in 9 days, while 9 women and 16 girls earn a total of ₹ 52,080 in 14 days. How much will 12 women and 7 girls together earn (in ₹) in 13 days?

- Ans
- ☐ 1. 42510
 - ☐ 2. 41990
 - ☐ 3. 42380
 - ☒ 4. 42120

Question ID : 264330114530

Status : Answered

Chosen Option : 4

Q.12 An electronic store owner allows two successive discounts of 20% and 25% on each item. The store has a reward points scheme which enables a customer to get free shopping worth ₹0.10 on every 1 reward point credited to the customer's account on previous purchases from the store. A customer decides to buy a laptop that is marked at ₹72,000. What will be its net selling price if he has 2850 reward points to his credit?

- Ans
- ☐ 1. ₹43,200
 - ☒ 2. ₹42,915
 - ☐ 3. ₹42,215
 - ☐ 4. ₹42,942

Question ID : 264330103540

Status : Answered

Chosen Option : 2

Q.13 What is the value of $a^3 + b^3 + c^3$ if $(a + b + c) = 0$?

- Ans
- ☐ 1. $a^2 + b^2 + c^2 - 3abc$
 - ☐ 2. 0
 - ☒ 3. $3abc$
 - ☐ 4. $a^2 + b^2 + c^2 - ab - bc - ca$

Question ID : 264330130054

Status : Answered

Chosen Option : 3

Q.14 Evaluate the following:
 $\cos(36^\circ + A) \cdot \cos(36^\circ - A) + \cos(54^\circ + A) \cdot \cos(54^\circ - A)$

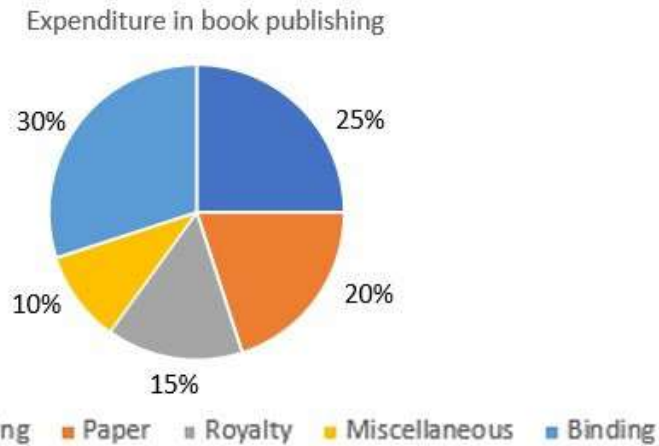
- Ans
- ☐ 1. $\sin 2A$
 - ☐ 2. $\cos A$
 - ☐ 3. $\sin A$
 - ☒ 4. $\cos 2A$

Question ID : 26433076061

Status : Answered

Chosen Option : 4

Q.15 Study the given pie-chart and answer the question that follows.
The pie-chart shows the expenditure incurred in the preparation of a book by a publisher, under various heads.



What is the difference between the angle of pie-chart showing the expenditure incurred on binding and printing?

- Ans
- ☒ 1. 15°
 - ☒ 2. 20°
 - ☒ 3. 18°
 - ☒ 4. 22°

Question ID : 264330131355
Status : Answered
Chosen Option : 3

Q.16 If the total surface area of a cube is 24 sq.units, then what is the volume of the cube?

- Ans
- ☒ 1. 8 cu.units
 - ☒ 2. 16 cu.units
 - ☒ 3. 10 cu.units
 - ☒ 4. 4 cu.units

Question ID : 26433082732
Status : Answered
Chosen Option : 1

Q.17 Find the simplified value of the given expression.

$$4\frac{4}{5} \div \frac{3}{5} \text{ of } 5 + \frac{4}{5} \times \frac{3}{10} - \frac{1}{5}$$

- Ans
- ☒ 1. $1\frac{4}{5}$
 - ☒ 2. 5
 - ☒ 3. $1\frac{16}{25}$
 - ☒ 4. 6

Question ID : 26433065257
Status : Answered
Chosen Option : 3

Q.18 Let ABC, PQR be two congruent triangles such that angle A = angle P = 90° . If BC = 13cm, PR = 5cm, find AB.

- Ans** ☒ 1. 12 cm
☐ 2. 8 cm
☐ 3. 10 cm
☐ 4. 5 cm

Question ID : 264330131360
Status : Answered
Chosen Option : 1

Q.19 The mean proportion between 7 and 112 is:

- Ans** ☐ 1. 42
☒ 2. 28
☐ 3. 21
☐ 4. 14

Question ID : 264330103672
Status : Answered
Chosen Option : 2

Q.20 4 women or 6 boys can finish a work in the same number of days. A man can finish it in 60 days. In how many days can 5 women finish the work, working together every day?

- Ans** ☐ 1. 4
☐ 2. 10
☒ 3. 8
☐ 4. 6

Question ID : 264330130181
Status : Not Answered
Chosen Option : --

Q.21 A 15 cm long perpendicular is drawn from the centre of a circle to its 40 cm long chord. Find the radius of the circle.

- Ans** ☒ 1. 25 cm
☐ 2. 27 cm
☐ 3. 22 cm
☐ 4. 20 cm

Question ID : 26433083005
Status : Answered
Chosen Option : 1

Q.22 What is the value of $\sec^2 54^\circ - \cot^2 36^\circ + \frac{3}{2} \sin^2 37^\circ \times \sec^2 53^\circ + \frac{2}{\sqrt{3}} \tan 60^\circ$?

- Ans
- ☒ 1. $\frac{5}{2}$
 - ☒ 2. $\frac{9}{2}$
 - ☒ 3. $\frac{3}{2}$
 - ☒ 4. $\frac{7}{2}$

Question ID : 264330130048
Status : Answered
Chosen Option : 2

Q.23 If the simple interest at the same interest rate on ₹500 for 4 years and ₹700 for 2 years, combined together, is ₹280, then what is the rate of interest?

- Ans
- ☒ 1. $9\frac{3}{17}\%$
 - ☒ 2. $6\frac{5}{17}\%$
 - ☒ 3. $8\frac{4}{17}\%$
 - ☒ 4. $7\frac{3}{17}\%$

Question ID : 264330112848
Status : Answered
Chosen Option : 3

Q.24 A thief steals a van at 3:00 a.m. and drives it at a speed of 57 km/h. The thief is discovered at 4:00 a.m. and the owner starts the chase with another van at a speed of 76 km/h. At what time will he catch the thief?

- Ans
- ☒ 1. 7:30 a.m.
 - ☒ 2. 7:00 p.m.
 - ☒ 3. 7:00 a.m.
 - ☒ 4. 6:00 a.m.

Question ID : 264330130960
Status : Answered
Chosen Option : 3

Q.25 The present age of Rahim is five times the present age of his daughter, Savita. Seven years from now, Rahim will be three times as old as Savita. What is the present age (in years) of Rahim?

- Ans
- ☒ 1. 45
 - ☒ 2. 35
 - ☒ 3. 40
 - ☒ 4. 30

Question ID : 264330145544
Status : Answered
Chosen Option : 2

Section : English Comprehension

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence.

The boys and the teacher wants to win.

- Ans
- ☒ 1. wants to won
 - ☒ 2. want to won
 - ☒ 3. want win
 - ☒ 4. want to win

Question ID : 26433093024
Status : Answered
Chosen Option : 4

Q.2 Select the most appropriate ANTONYM of the underlined word.
He was compelled by everyone to join the group.

- Ans
- ☒ 1. Demur
 - ☒ 2. Obscured
 - ☒ 3. Confessed
 - ☒ 4. Induced

Question ID : 26433084669
Status : Answered
Chosen Option : 1

Q.3 Select the most appropriate meaning of the given idiom.

To kick the bucket

- Ans
- ☒ 1. To be ill
 - ☒ 2. Be sad
 - ☒ 3. Be happy
 - ☒ 4. To die

Question ID : 26433092866
Status : Answered
Chosen Option : 4

Q.4 Identify and correct the INCORRECTLY spelt word in the given sentence.
The Collector paid floral tributes to the statue of Mahatma Gandhi after hosting the flag.

- Ans
- ☒ 1. floaral
 - ☒ 2. stateu
 - ☒ 3. trebutes
 - ☒ 4. hoisting

Question ID : 26433099657
Status : Answered
Chosen Option : 4

Q.5 Select the most appropriate ANTONYM of the underlined word.

Do you know the old adage 'the show must go on'?

- Ans
- ☒ 1. Misconstruction
 - ☒ 2. Rebuke
 - ☒ 3. Dare
 - ☒ 4. Addiction

Question ID : 26433058334
Status : Answered
Chosen Option : 1

Q.6 Select the most appropriate option to fill in the blank.

She reminds me always that I _____ to be a little more careful.

- Ans ☒ 1. had
☒ 2. have
☒ 3. must
☒ 4. has

Question ID : 26433089303
Status : Answered
Chosen Option : 2

Q.7 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.

Mr. Khanna is quite _____ (callous) towards the victims of earthquake.

- Ans ☒ 1. rationalistic
☒ 2. unsympathetic
☒ 3. sympathetic
☒ 4. nondiplomatic

Question ID : 264330141150
Status : Answered
Chosen Option : 3

Q.8 Sentences of a paragraph are given below. While the first and the last sentences (S1 and S6) are in the correct order, the sentences in between are jumbled up and named P, Q, R, S. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

(S1) Newspapers, especially of the popular variety, aim to do two things: to inform and to entertain.

(P) Entertainment may be principally found in the centre pages of the newspaper in some of the feature articles and in some local news stories.

(Q) The principal aim of the short news report on the front pages is to inform.

(R) Most newspapers are published daily, and the news reporters must make sure that they have up-to-the minute news.

(S) In their news reports they will aim to create a sense of immediacy, to convey the impression that they have 'rushed' the news to the reader and 'that the information contained is the very latest.'

(S6) Reporters also wish to create a sense of authenticity, that is, that their news is accurate and genuine.

- Ans ☒ 1. Q, S, R, P
☒ 2. R, P, S, Q
☒ 3. S, R, P, Q
☒ 4. P, Q, R, S

Question ID : 26433073269
Status : Not Answered
Chosen Option : --

Q.9 Select the most appropriate synonym of the given word from the sentence.

Ready

She was preparing dinner in an organised manner using well-equipped tools while listening to the radio.

- Ans ☒ 1. Preparing
☒ 2. Listening
☒ 3. Organised
☒ 4. Equipped

Question ID : 264330137244
Status : Answered
Chosen Option : 1

Q.10 Identify how you will ask everyone if the children were not reading the books in passive voice.

- Ans ☒ 1. Were the books being read by the children?
☒ 2. Were the books not being read by the children?
☒ 3. Were the book not being read by the children?
☒ 4. Were the children reading the books?

Question ID : 264330121854
Status : Answered
Chosen Option : 2

Q.11 Select the most appropriate synonym of the given word.

Hostile

- Ans ☒ 1. Pleasant
☒ 2. Hospitable
☒ 3. Empathetic
☒ 4. Unfriendly

Question ID : 26433073696
Status : Answered
Chosen Option : 4

Q.12 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The fact that God created man in his personal view by giving him an intellectual spirit elevates him above the beasts of the field.

- Ans ☒ 1. own glory
☒ 2. own capacity
☒ 3. own image
☒ 4. own idea

Question ID : 26433098907
Status : Answered
Chosen Option : 2

Q.13 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. During the summer, I noticed that the leaves of the tree were beginning to wither.
B. I am especially proud of it, not only because it has survived several winters, but because it occasionally produces luscious peaches.
C. The tree had grown against a warm wall on a sheltered side of the house.
D. Last summer, I spent many days in the garden watching thousands of ants crawling up the trunk of my prize peach tree.

- Ans ☒ 1. DCBA
☒ 2. ABCD
☒ 3. CDBA
☒ 4. BDAC

Question ID : 26433096961
Status : Not Answered
Chosen Option : --

Q.14 Select the option that expresses the given sentence in active voice.
Was the bag packed by Mary?

- Ans ☐ 1. Was Mary pack the bag?
☐ 2. Is Mary packing the bag?
☐ 3. Do Mary pack the bag?
☒ 4. Did Mary pack the bag?

Question ID : 264330141137
Status : Answered
Chosen Option : 4

Q.15 Select the most appropriate ANTONYM of the word 'Optimistic' from the given sentence.

After the incident, Radha prepared herself to stay positive even in gloomy days.

- Ans ☐ 1. stay
☐ 2. incident
☐ 3. positive
☒ 4. gloomy

Question ID : 26433089834
Status : Answered
Chosen Option : 4

Q.16 The following sentence has been divided into parts. One of them may contain an error.
Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

After knowing truth, / the jury took the right decision / in the case.

- Ans ☐ 1. The jury took the right decision
☐ 2. In the case
☒ 3. After knowing truth
☐ 4. No error

Question ID : 264330123039
Status : Answered
Chosen Option : 3

Q.17 In the following sentence, four words are underlined, out of which one word is incorrectly spelt. Identify the INCORRECTLY spelt word.
A lot of spontanity is required from the speaker in an extempore speech. The speaker is expected to brainstorm ideas and give speech instantaneously.

- Ans ☐ 1. instantaneously
☐ 2. extempore
☐ 3. brainstorm
☒ 4. spontanity

Question ID : 264330123792
Status : Answered
Chosen Option : 3

Q.18 Select the option that can be used as a one-word substitute for the given group of words.

A person who believes that laws and governments are not necessary.

- Ans ☒ 1. Antagonist
☒ 2. Antichrist
☒ 3. Anarchist
☒ 4. Adversary

Question ID : 26433087906

Status : Answered

Chosen Option : 3

Q.19 Select the most appropriate meaning of the given idiom.

Miss the boat

- Ans ☒ 1. Missing a good opportunity
☒ 2. Missing your medium of travel
☒ 3. Missing good moments of your life
☒ 4. Being too late

Question ID : 26433090463

Status : Answered

Chosen Option : 1

Q.20 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. The outcome is much more likely to be favourable if there is substantial international aid than if there is not.
B. Many of the underdeveloped countries will promote the growth of their economies in one way or the other, no matter whether they receive substantial outside aid in the process or not.
C. By substantial aid I mean not only large amounts of technical assistance but also of capital.
D. The character of that development, however, is likely to be strongly influenced by the types of and amounts of aid available.

- Ans ☒ 1. BDAC
☒ 2. ABDC
☒ 3. DABC
☒ 4. DBCA

Question ID : 26433098962

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) _____ of life.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans ☒ 1. typical
☒ 2. huge
☒ 3. the
☒ 4. a

Question ID : 264330145524

Status : **Answered**

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) _____ of life.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans ☒ 1. cultures
☒ 2. processes
☒ 3. scenes
☒ 4. types

Question ID : 264330145525

Status : **Answered**

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) _____ of life.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans ☒ 1. gesture
☒ 2. source
☒ 3. control
☒ 4. symbol

Question ID : 264330145526

Status : **Answered**

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) _____ of life.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

Ans ☒ 1. about

☒ 2. as

☒ 3. like

☒ 4. than

Question ID : 264330145527

Status : **Answered**

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Sun is the star at the center of (1) _____ Solar System. It is a nearly perfect ball of hot plasma. The Sun has inspired us since ancient times. It's central to mythology and religion in (2) _____ around the world. It keeps our planet warm enough for living things to grow. It gives us light so we can see. It is by far the most important (3) _____ of energy for life on Earth. It is about a hundred times as wide (4) _____ the Earth. If there were no sun, many things wouldn't occur like photosynthesis or the presence of oxygen, which would have caused no (5) _____ of life.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans ☒ 1. skill

☒ 2. end

☒ 3. enhancement

☒ 4. existence

Question ID : 264330145528

Status : **Answered**

Chosen Option : 4

Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/07/2023
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

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 its constituent digits. E.g. 13 – Operations on 13 such as adding /Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(3, 9, 30)

(10, 3, 33)

Ans  1. (6, 9, 40)

 2. (8, 8, 74)

 3. (12, 3, 39)

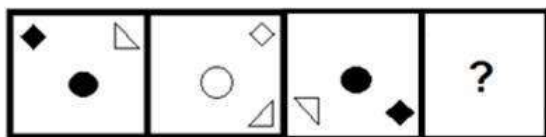
 4. (9, 7, 98)

Question ID : 26433089582

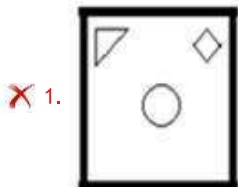
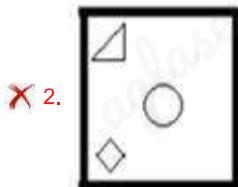
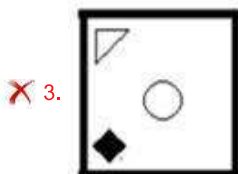
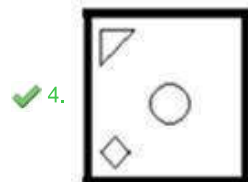
Status : Answered

Chosen Option : 3

Q.2 Select the figure that will replace the question mark (?) in the following figure series.



Ans



Question ID : 26433057018

Status : Answered

Chosen Option : 4

Q.3 Which of the following terms will replace the question mark (?) in the given series?
PGLT, RHNU, TIPV, VJRW, ?

Ans ✗ 1. WKUX

✗ 2. XLTX

✗ 3. WXKT

✓ 4. XKTX

Question ID : 26433083094

Status : Answered

Chosen Option : 4

Q.4 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

R _ _ ODRMN _ _ _ MN _ DR _ NO _

Ans ☒ 1. MNODROMD

☒ 2. MNODRODM

☒ 3. NMODROMD

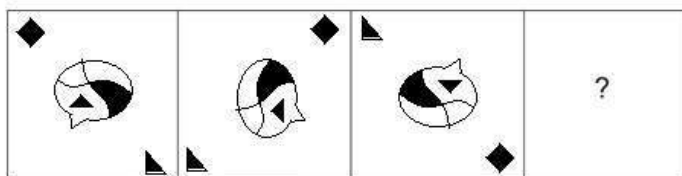
☒ 4. MNDOROMD

Question ID : 26433090002

Status : Answered

Chosen Option : 1

Q.5 Select the figure that will replace the question mark (?) in the following figure series.

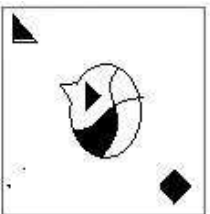


Ans

☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : 26433070431

Status : Answered

Chosen Option : 1

Q.6 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(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 etc. 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 , 8 , 80)
(16 , 10 , 131)

- Ans ☒ 1. (11, 5, 55)
☒ 2. (13, 4, 160)
☒ 3. (14, 12, 126)
☒ 4. (9, 6, 54)

Question ID : 26433092724

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.7 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Pancakes
2. Pandemic
3. Panicked
4. Pancreas
5. Panorama
6. Panther

- Ans ☒ 1. 1, 4, 2, 3, 5, 6
☒ 2. 4, 1, 2, 3, 5, 6
☒ 3. 1, 4, 2, 3, 6, 5
☒ 4. 2, 1, 4, 3, 6, 5

Question ID : 264330132173

Status : Answered

Chosen Option : 1

Q.8 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Anklet : Ankle :: Bracelet : ?

- Ans ☒ 1. Ear
☒ 2. Wrist
☒ 3. Waist
☒ 4. Neck

Question ID : 26433067810

Status : Answered

Chosen Option : 2

Q.9 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

864 : 12 :: 1372 : 14 :: 2048 : ?

Ans ☒ 1. 16

☐ 2. 12

☐ 3. 18

☐ 4. 14

Question ID : 26433085814

Status : Answered

Chosen Option : 1

Q.10 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MOC: MKW :: SEL: GUN :: DKR:?

Ans ☒ 1. VOH

☐ 2. VOG

☐ 3. VNH

☐ 4. VNG

Question ID : 264330104102

Status : Answered

Chosen Option : 1

Q.11 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans ☐ 1. M2WbB4QD

☐ 2. M2WbB4QD

☒ 3. M2WbB4QD

☐ 4. M2WbB4QD

Question ID : 264330103139

Status : Answered

Chosen Option : 3

Q.12 Three of the following four letter-clusters are alike in a certain way and one is different. Select the one that is different.

Ans ☐ 1. DFJL

☒ 2. KMOQ

☐ 3. ACGI

☐ 4. HJNP

Question ID : 264330120688

Status : Answered

Chosen Option : 2

Q.13 In a certain code language, 'PLANT' is written as 'NRDVP' and 'SCORE' is written as 'EURGT'. How will 'GRIND' be written in that language?

Ans ☒ 1. TILFP

☐ 2. SHLGQ

☐ 3. UJKEO

☐ 4. ITLPF

Question ID : 264330131613

Status : Answered

Chosen Option : 1

Q.14 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 8, 28, 53

Second row- 7, 25, 47

Third row- 13, 43, ?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. 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. 93

☐ 2. 85

☐ 3. 95

☒ 4. 83

Question ID : 264330143710

Status : Answered

Chosen Option : 4

Q.15 The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs, except one. Find that odd number-pair.

(NOTE: The relation should be found without breaking down the numbers into its constituent digits)

Ans ☐ 1. 6286 : 1965

☒ 2. 6571 : 2448

☐ 3. 8247 : 3926

☐ 4. 6903 : 2582

Question ID : 264330143672

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.16 In a certain code language, 'ZEAL' is coded as '9476' and 'LAME' is coded as '8694'. What is the code for 'M' in the given code language?

Ans ☐ 1. 4

☒ 2. 8

☐ 3. 6

☐ 4. 9

Question ID : 264330126016

Status : Answered

Chosen Option : 2

Q.17 Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.
L T K _ H L _ _ J H _ V _ J H L _ K _ H

- Ans ☒ 1. J U K L K W J
☐ 2. I U K L K W J
☐ 3. I U K M K W J
☐ 4. J U K L K X J

Question ID : 264330143745
Status : Answered
Chosen Option : 1

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 its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(82, 35, 78)
(18, 27, 30)

- Ans ☐ 1. (21, 27, 24)
☐ 2. (15, 36, 38)
☒ 3. (27, 33, 40)
☐ 4. (20, 25, 32)

Question ID : 26433089795
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.19 If,
'C @ S' means 'C is the father of S',
'C * S' means 'C is the brother of S',
'C # S' means 'C is the sister of S',
'C \$ S' means 'C is the daughter of S',
'C = S' means 'C is the mother of S',
then how is Z related to Q in the following expression?
Q \$ R @ S * T \$ Z

- Ans ☐ 1. Brother's wife
☒ 2. Mother
☐ 3. Sister
☐ 4. Daughter

Question ID : 264330142940
Status : Answered
Chosen Option : 2

Q.20 If '+' means 'subtraction', '-' means 'multiplication', '÷' means 'addition' and 'x' means 'division', then what is the value of the following expression?
 $11 - 14 + 9 \times 3 \div 104$

Ans ☒ 1. 269

☒ 2. 255

☒ 3. 245

☒ 4. 271

Question ID : 264330133145

Status : Answered

Chosen Option : 2

Q.21 Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.
 $86 * 54 * 34 * 68 * 2 * 33$

Ans ☒ 1. -, +, ÷, x, =

☒ 2. ÷, -, +, x, =

☒ 3. x, ÷, x, -, =

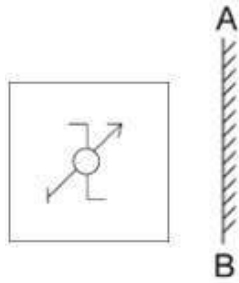
☒ 4. +, ÷, x, -, =

Question ID : 26433068675

Status : Answered

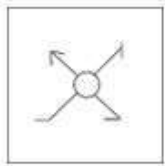
Chosen Option : 3

Q.22 Select the correct mirror image of the given figure when the mirror is placed at AB.

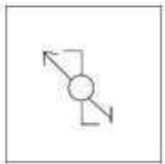


Ans

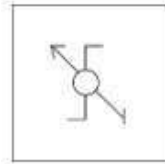
✗ 1.



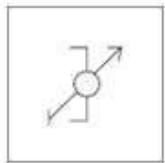
✗ 2.



✓ 3.



✗ 4.



Question ID : 264330106449

Status : Answered

Chosen Option : 3

Q.23 In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.

Statements:

All balls are flowers.

All flowers are plates.

Some plates are cups.

Conclusions:

I. Some flowers are balls.

II. Some plates are flowers.

III. All cups are plates.

Ans ✓ 1. Only conclusions I and II follow.

✗ 2. Only conclusion III follows.

✗ 3. Only conclusion II follows.

✗ 4. Only conclusion I follows.

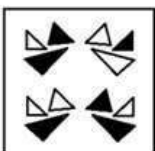
Question ID : 264330114231

Status : Answered

Chosen Option : 1

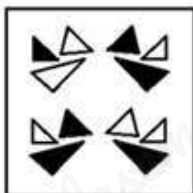
Q.24 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

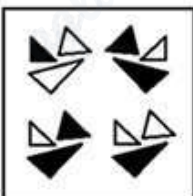


Ans

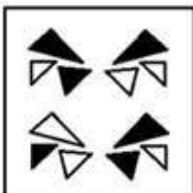
✓ 1.



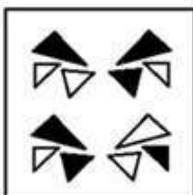
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✗ 3.



✗ 4.

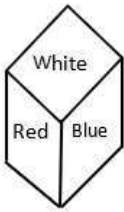
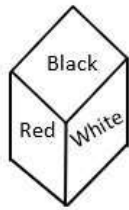


Question ID : 26433067406

Status : Answered

Chosen Option : 1

Q.25 Two different positions of the same dice have different colours - White, Red, Blue, Yellow, Green and Black - written on it. Identify the colour on the face opposite the face showing 'Blue'.



- Ans
- ☒ 1. White
 - ☒ 2. Black
 - ☒ 3. Green
 - ☒ 4. Yellow

Question ID : 26433097479
Status : Answered
Chosen Option : 1

Section : General Awareness

Q.1 Ambubachi Mela (Fair) is held in which of the temples of North-East India?

- Ans
- ☒ 1. Dakshineswar Kali
 - ☒ 2. Bhuvaneswari
 - ☒ 3. Billeswar
 - ☒ 4. Kamakhya

Question ID : 264330110464
Status : Answered
Chosen Option : 4

Q.2 Which of the following groups of states recorded very high population growth rate during 2001-2011 Census of India?

- Ans
- ☒ 1. Bihar, Rajasthan, Sikkim
 - ☒ 2. West Bengal, Meghalaya, Bihar
 - ☒ 3. Bihar, Haryana, Meghalaya
 - ☒ 4. Meghalaya, Arunachal Pradesh, Bihar

Question ID : 264330132746
Status : Answered
Chosen Option : 3

Q.3 A wealthy person in the early Vedic period was known as _____.

- Ans
- ☒ 1. Duhitri
 - ☒ 2. Gaveshna
 - ☒ 3. Gomat
 - ☒ 4. Ravi

Question ID : 264330114804
Status : Not Answered
Chosen Option : --

Q.4 India has been ranked _____ in the Medical Tourism Index (MTI) for 2020-21 out of 46 destinations by the Medical Tourism Association.

Ans ☒ 1. 10th

☒ 2. 15th

☒ 3. 20th

☒ 4. 5th

Question ID : 26433081869

Status : Not Answered

Chosen Option : --

Q.5 The Japfu range, which is 3,014 meters high, is located in which state?

Ans ☒ 1. Assam

☒ 2. Arunachal Pradesh

☒ 3. Meghalaya

☒ 4. Nagaland

Question ID : 264330111332

Status : Answered

Chosen Option : 2

Q.6 Who among the following performing artists bagged the best actress award for Meena Gurjari in 1975?

Ans ☒ 1. Sonal Masingh

☒ 2. Sitara Devi

☒ 3. Shovana Narayana

☒ 4. Mallika Sarabhai

Question ID : 26433064259

Status : Not Answered

Chosen Option : --

Q.7 Urmila Satyanarayanan is an exponent of which Indian classical dance form?

Ans ☒ 1. Bharatanatyam

☒ 2. Kathak

☒ 3. Manipuri

☒ 4. Sattriya

Question ID : 264330109597

Status : Not Answered

Chosen Option : --

Q.8 When was the Secretary of State for India made responsible for the Government of British India by bringing about changes in the Home Government?

Ans ☒ 1. 1858

☐ 2. 1833

☐ 3. 1857

☐ 4. 1813

Question ID : 264330132664

Status : Answered

Chosen Option : 1

Q.9 Which waterway provides connectivity with mainland India through the India-Bangladesh Protocol route?

Ans ☐ 1. NW-10

☐ 2. NW-15

☒ 3. NW-2

☐ 4. NW-83

Question ID : 264330111322

Status : Not Answered

Chosen Option : --

Q.10 In 2021, the Indian men's cricket team defeated Australia at the Gabba stadium in a Test match becoming the only cricket team to defeat Australia in Brisbane since _____.

Ans ☐ 1. 1996

☐ 2. 1992

☐ 3. 1990

☒ 4. 1988

Question ID : 26433086891

Status : Not Answered

Chosen Option : --

Q.11 The Fundamental Duties were added to the Constitution of India by the ____ Amendment.

Ans ☐ 1. 73rd

☒ 2. 42nd

☐ 3. 34th

☐ 4. 44th

Question ID : 264330110769

Status : Answered

Chosen Option : 2

Q.12 _____ announced the bifurcation of the British Indian Empire into a secular India and Islamic Pakistan.

- Ans
- ☒ 1. Lord Ripon
 - ☒ 2. Lord Dalhousie
 - ☒ 3. Lord Louis Mountbatten
 - ☒ 4. Lord Curzon

Question ID : 264330110214
Status : Answered
Chosen Option : 3

Q.13 Which of the following cells are found in the liver of mammals?

- Ans
- ☒ 1. Purkinje cells
 - ☒ 2. Microglial cells
 - ☒ 3. Kupffer cells
 - ☒ 4. Sensory cells

Question ID : 26433059115
Status : Not Answered
Chosen Option : --

Q.14 Who is the first law officer of India?

- Ans
- ☒ 1. Advocate General of State
 - ☒ 2. Chief Justice of India
 - ☒ 3. Attorney General of India
 - ☒ 4. Minister of law

Question ID : 264330112789
Status : Answered
Chosen Option : 3

Q.15 The Shailendra kings who founded their empire in South-east Asia in the 8th Century AD were the followers of _____.

- Ans
- ☒ 1. Buddhism
 - ☒ 2. Shaivism
 - ☒ 3. Jainism
 - ☒ 4. Hinduism

Question ID : 264330114823
Status : Not Answered
Chosen Option : --

Q.16 Which Vitamin D analogue is used to treat hypoparathyroidism, refractory rickets and familial hypophosphatemia?

- Ans ☒ 1. Tacalcitol
☒ 2. Tocopherol
☒ 3. Ergocalciferol
☒ 4. Retinol

Question ID : 264330110076
Status : Answered
Chosen Option : 3

Q.17 Which of the following is NOT a type of rock?

- Ans ☒ 1. Igneous rock
☒ 2. Trace rock
☒ 3. Metamorphic rock
☒ 4. Sedimentary rock

Question ID : 264330109949
Status : Answered
Chosen Option : 2

Q.18 Whom among the following players is associated with Javelin throw?

- Ans ☒ 1. Neeraj Chopra
☒ 2. Pankaj Advani
☒ 3. Saurabh Chaudhary
☒ 4. Manika Batra

Question ID : 264330109674
Status : Answered
Chosen Option : 1

Q.19 From which Latin word is the s block element calcium derived?

- Ans ☒ 1. Calx
☒ 2. Calum
☒ 3. Coleus
☒ 4. Calcio

Question ID : 264330141691
Status : Answered
Chosen Option : 2

Q.20 Arrange the following Development Financial Institutions (DFI) in the correct chronological order, according to the year they were set up.

- (i) Industrial Credit and Investment Corporation of India (ICICI)
- (ii) Industrial Development Bank of India (IDBI)
- (iii) Industrial Finance Corporation of India (IFCI)

Ans ☒ 1. (i)-(iii)-(ii)

☒ 2. (iii)-(i)-(ii)

☒ 3. (ii)-(i)-(iii)

☒ 4. (i)-(ii)-(iii)

Question ID : 264330112898

Status : Not Answered

Chosen Option : --

Q.21 Who among the following was the chief guest at India's 74th Republic Day celebrations?

Ans ☒ 1. François Hollande

☒ 2. Cyril Ramaphosa

☒ 3. Abdel Fattah El-Sisi

☒ 4. Jair Bolsonaro

Question ID : 264330133009

Status : Answered

Chosen Option : 3

Q.22 Which of the following sitar players was awarded the Bharat Ratna in the year 1999?

Ans ☒ 1. Pandit Bhimsen Joshi

☒ 2. Pandit Ravishankar

☒ 3. Hariprasad Chourasia

☒ 4. Bhupen Hazarika

Question ID : 26433074118

Status : Not Answered

Chosen Option : --

Q.23 MUDRA is a financial institution set up by the Government of India for the development and refinancing of micro unit enterprises. The full form of MUDRA is:

Ans ☒ 1. Micro Urban Development & Refinance Agency

☒ 2. Micro Units Development & Refinance Agency

☒ 3. Micro Finance Usage Development & Refinance Agent

☒ 4. Medium Units Development & Refinance Agency

Question ID : 264330109081

Status : Answered

Chosen Option : 1

Q.24 The first Paralympic games were held in which year?

Ans ☒ 1. 1962

☒ 2. 1960

☒ 3. 1964

☒ 4. 1961

Question ID : 264330109681

Status : Not Answered

Chosen Option : --

Q.25 The suitability of post tensioning is good for:

Ans ☒ 1. long spans

☒ 2. end spans

☒ 3. break spans

☒ 4. edge spans

Question ID : 26433064410

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 Virat can complete a work in 30 days and Daniel is 60% more efficient than Virat to complete the same work. Find the total time taken by Daniel to complete the work.

Ans ☒ 1. $16\frac{3}{5}$ days

☒ 2. $18\frac{3}{4}$ days

☒ 3. $19\frac{5}{3}$ days

☒ 4. $17\frac{5}{3}$ days

Question ID : 26433066323

Status : Answered

Chosen Option : 2

Q.2 The average of 36 numbers was found to be 45. Later, it was detected that 84 was misread as 48. Find the correct average of the given numbers.

Ans ☒ 1. 58

☒ 2. 48

☒ 3. 46

☒ 4. 56

Question ID : 264330130067

Status : Answered

Chosen Option : 3

Q.3 If $\sin 23^\circ = \frac{a}{b}$, then the value of $\sec 23^\circ - \sin 67^\circ$ is _____.

Ans

☒ 1. $\frac{a^2}{\sqrt{b^2 - a^2}}$

☒ 2. $\frac{b^2 - a^2}{ab}$

☒ 3. $\frac{a^2}{b\sqrt{b^2 + a^2}}$

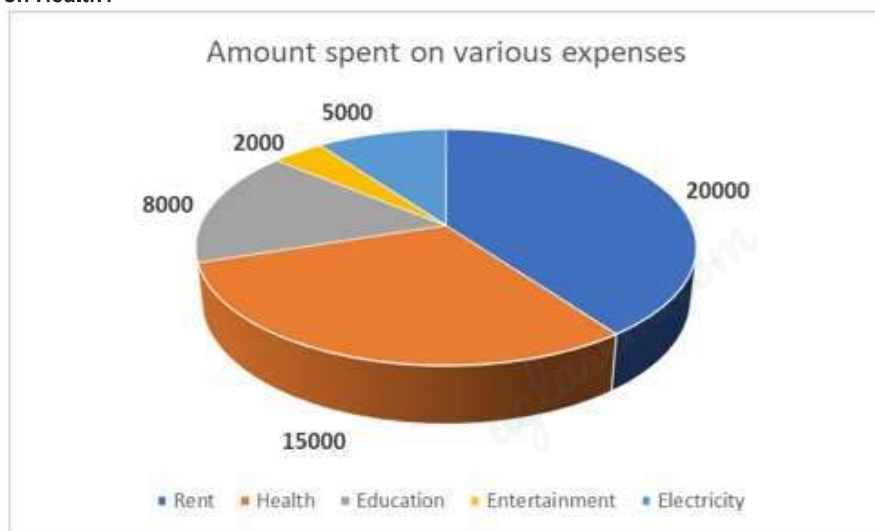
☒ 4. $\frac{a^2}{b\sqrt{b^2 - a^2}}$

Question ID : 26433083080

Status : Answered

Chosen Option : 3

Q.4 What is the central angle corresponding to the sector indicating the expenses incurred on Health?



Ans

☒ 1. 72°

☒ 2. 54°

☒ 3. 110°

☒ 4. 108°

Question ID : 264330130033

Status : Answered

Chosen Option : 4

Q.5 In an election between three candidates, Arjun, Bhaskar and Saral contested for a post. Arjun got 50% votes more than Saral, and Saral got 2% votes less than Bhaskar. The difference between the votes of Bhaskar and Saral is 1296. What is the half of the difference between the votes of Arjun and Bhaskar?

- Ans
- ☒ 1. 3888
 - ☒ 2. 13988
 - ☒ 3. 7766
 - ☒ 4. 15228

Question ID : 264330130298
Status : Answered
Chosen Option : 4

Q.6 Solve the following expression.
 $[7 + 30 \div 6 - (6 + 6) + 7]$

- Ans
- ☒ 1. 6
 - ☒ 2. 7
 - ☒ 3. 5
 - ☒ 4. 4

Question ID : 26433066350
Status : Answered
Chosen Option : 2

Q.7 In an office, a typing work can be finished by Monika in 6 hours, Anita in 8 hours and Manju in 5 hours if they work alone. How much time (in hours) will they take if they work together?

- Ans
- ☒ 1. $3\frac{3}{59}$
 - ☒ 2. $2\frac{2}{59}$
 - ☒ 3. $2\frac{2}{5}$
 - ☒ 4. $2\frac{2}{57}$

Question ID : 264330130021
Status : Answered
Chosen Option : 2

Q.8 Which of the following statements is INCORRECT?

- Ans
- ☒ 1. If a chord is extended outside the circle on both ends then it is called secant.
 - ☒ 2. Tangent is perpendicular to the radius of the circle at the point of contact.
 - ☒ 3. A line which intersects two distinct points of a circle is called tangent.
 - ☒ 4. Tangent is a line touching only one point of the circle.

Question ID : 26433082522
Status : Answered
Chosen Option : 3

Q.9 A's efficiency is twice that of B's. A can work only for 8 hours a day while B can work for 12 hours a day. If A can finish a work in 12 days, in how many days can B finish the same work?

- Ans
- ☒ 1. 8
 - ☒ 2. 10
 - ☒ 3. 16
 - ☒ 4. 12

Question ID : 264330112117
Status : Answered
Chosen Option : 3

Q.10 Two friends P and Q simultaneously start running from same point around a circular track. They run in the same direction. P runs at 6 m/sec and Q runs at b m/sec. If they cross each other at exactly two points on the circular track and b is a natural number less than 6, then how many values can b take?

- Ans
- ☒ 1. 2
 - ☒ 2. 1
 - ☒ 3. 4
 - ☒ 4. 3

Question ID : 26433081604
Status : Not Answered
Chosen Option : --

Q.11 A dealer professing to sell his goods at cost price uses 950 grams weight for 1 kg. His gain percentage is: (rounded off to two decimal places)

- Ans
- ☒ 1. 5.35%
 - ☒ 2. 5.26%
 - ☒ 3. 5.86%
 - ☒ 4. 5.96%

Question ID : 26433082378
Status : Answered
Chosen Option : 2

Q.12 A trader allows a 20% trade discount and a 30% cash discount. If the list price is ₹1,200, then the selling price (in ₹) is:

- Ans
- ☒ 1. 627
 - ☒ 2. 720
 - ☒ 3. 762
 - ☒ 4. 672

Question ID : 264330104251
Status : Answered
Chosen Option : 4

Q.13

If $x + \frac{1}{x} = 7$, then the value of $x^6 + \frac{1}{x^6}$ is:

- Ans
- ☐ 1. 113682
 - ☒ 2. 103682
 - ☐ 3. 103882
 - ☐ 4. 103862

Question ID : 26433074499
Status : Answered
Chosen Option : 2

Q.14 The current ages of Sudhir and Ashish are in the ratio 5 : 7. Twelve years ago, the ratio of their ages was 1 : 2. What will be the age of Sudhir after five years from now?

- Ans
- ☐ 1. 20 years
 - ☒ 2. 25 years
 - ☐ 3. 33 years
 - ☐ 4. 28 years

Question ID : 264330131495
Status : Answered
Chosen Option : 2

Q.15 A man invests a total sum of ₹10,000 in a company. A part of the sum was invested at 10% simple interest per annum and the remaining part at 15% simple interest per annum. If the total interest accrued to him in two years equals ₹2,400, the sum invested at 15% simple interest per annum is:

- Ans
- ☐ 1. ₹8,000
 - ☒ 2. ₹4,000
 - ☐ 3. ₹6,000
 - ☐ 4. ₹5,000

Question ID : 264330112802
Status : Answered
Chosen Option : 2

Q.16 AB is the diameter of a circle with centre O. P be a point on it. If $\angle AOP = 95^\circ$, then $\angle OBP =$ _____.

- Ans
- ☐ 1. 57.5°
 - ☐ 2. 45.5°
 - ☒ 3. 47.5°
 - ☐ 4. 55.5°

Question ID : 264330143558
Status : Answered
Chosen Option : 3

Q.17 If $\frac{\cos \beta}{\sec \alpha} = 15$ and $\frac{\sin \beta}{\sec \alpha} = 16$, then the value of $\sin^2 \beta$ is _____.

- Ans
- ✓ 1. $\frac{256}{481}$
- ✗ 2. $-\frac{256}{481}$
- ✗ 3. $\frac{481}{256}$
- ✗ 4. $-\frac{481}{256}$

Question ID : 264330143550
Status : Answered
Chosen Option : 1

Q.18 What is the value of $\sin 30^\circ + \cos 30^\circ + \tan 30^\circ$

- Ans
- ✓ 1. $\frac{5 + \sqrt{3}}{2\sqrt{3}}$
- ✗ 2. $\frac{5 - \sqrt{3}}{2\sqrt{3}}$
- ✗ 3. $\frac{5 + \sqrt{3}}{\sqrt{3}}$
- ✗ 4. $\frac{5 - \sqrt{3}}{\sqrt{3}}$

Question ID : 264330123997
Status : Answered
Chosen Option : 1

Q.19 If $\sec^2 \theta + \tan^2 \theta = \frac{25}{18}$, then the value of $\sec^4 \theta - \tan^4 \theta$ is:

- Ans
- ☒ 1. $\frac{18}{25}$
 - ☒ 2. $\frac{25}{12}$
 - ☒ 3. $\frac{25}{9}$
 - ☒ 4. $\frac{25}{18}$

Question ID : 264330143573

Status : Answered

Chosen Option : 4

Q.20 The volume of a cone is 73920 cm^3 . If the height of the cone is 160cm, then find the diameter of its base.

- Ans
- ☒ 1. 21cm
 - ☒ 2. 40cm
 - ☒ 3. 22cm
 - ☒ 4. 42cm

Question ID : 264330103435

Status : Answered

Chosen Option : 4

Q.21 A and B have some toffees. If A gives one toffee to B, then they have equal number of toffees. If B gives one toffee to A, then the toffees with A are double with B. The total number of toffees with A and B are _____.

- Ans
- ☒ 1. 12
 - ☒ 2. 10
 - ☒ 3. 14
 - ☒ 4. 15

Question ID : 264330145542

Status : Answered

Chosen Option : 1

- Q.22** Study the given table carefully and answer the following question.
The table shows the percentage of students of four departments – Mechanical, Civil, Computer Science and Applied – with each student being in only one department. The table also shows the number of students of these four departments in five different colleges, with the total number of students being 2080.

College	Number of Students	Mechanical	Civil	Computer Science	Applied
IIT Delhi	430	—	20%	—	10 %
IIT Kanpur	350	20%	—	25%	—
IIT Bombay	—	20%	18%	—	32%
IIT Madras	—	—	25%	18%	35%
IIT Guwahati	400	20%	22%	—	20%

If the number of students in IIT Bombay is 20% less than the number of students in IIT Madras, then the number of students in IIT Bombay is:

- Ans**
- ☒ 1. 300
 - ☒ 2. 500
 - ☒ 3. 200
 - ☒ 4. 400

Question ID : 264330122421
Status : Answered
Chosen Option : 4

- Q.23** Simplify the following expression.

$$\left[\frac{85}{34} \times \frac{1}{18} - \left\{ \left(\frac{46}{69} \div \frac{27}{135} \right) - \left(\frac{86}{129} \times \frac{91}{14} \right) \right\} \text{ of } \frac{112}{36} \right]$$

- Ans**
- ☒ 1. $3\frac{1}{5}$
 - ☒ 2. $3\frac{3}{4}$
 - ☒ 3. $3\frac{1}{2}$
 - ☒ 4. $3\frac{1}{4}$

Question ID : 264330143474
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.24 An inlet pipe can fill an empty tank in 140 hours while an outlet pipe drains a completely-filled tank in 63 hours. If 8 inlet pipes and y outlet pipes are opened simultaneously, when the tank is empty, then the tank gets completely filled in 105 hours. Find the value of y.

- Ans
- ☒ 1. 1
 - ☒ 2. 4
 - ☒ 3. 2
 - ☒ 4. 3

Question ID : 264330131194
Status : Answered
Chosen Option : 4

Q.25 Jehangir had to cover a distance of 90 km in an hour. During the first 25 minutes he travelled at a speed of 15.2 metres per second. How many metres did Jehangir cover per second during the remaining period to reach his destination just on time?

- Ans
- ☒ 1. 30.8
 - ☒ 2. 32.5
 - ☒ 3. 32
 - ☒ 4. 31.2

Question ID : 264330131188
Status : Not Answered
Chosen Option : --

Section : English Comprehension

Q.1 Select the option that expresses the given sentence in passive voice.

The little boy called up his best friend on his birthday.

- Ans
- ☒ 1. His best friend has been called up by the little boy on his birthday.
 - ☒ 2. His best friend was called up by the little boy on his birthday.
 - ☒ 3. His best friend is called up by the little boy on his birthday.
 - ☒ 4. His best friend was being called up by the little boy on his birthday.

Question ID : 264330141542
Status : Answered
Chosen Option : 2

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. Through a subtle analysis, Woolf raises certain concerns regarding discrimination against women in a male-dominated society.

B. It's also against the need for freedom of expression in women, and the right to human dignity and equality.

C. In 'Shakespeare's Sister', Virginia Woolf explores the plight of women in society in England during the 15th and 16th centuries.

D. It is against the denial of education to the girl-child and violence against women.

Ans ☒ 1. BACD

☒ 2. DCBA

☒ 3. ADBC

☒ 4. CADB

Question ID : 26433096932

Status : Answered

Chosen Option : 4

Q.3 Select the option that can be used as a one-word substitute for the given group of words.

A person who hates and avoids other people

Ans ☒ 1. Masochist

☒ 2. Pervert

☒ 3. Hermit

☒ 4. Misanthrope

Question ID : 26433088200

Status : Answered

Chosen Option : 4

Q.4 Select the option that expresses the given sentence in passive voice.
Who stole my tickets?

Ans ☒ 1. My tickets was stolen by whom?

☒ 2. My tickets got stolen by who?

☒ 3. By whom were my tickets stolen?

☒ 4. My tickets were stolen by who?

Question ID : 264330137196

Status : Answered

Chosen Option : 3

Q.5 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.

The gradual _____ (curtail) in the expenditures made them tensed.

Ans ☒ 1. indent

☒ 2. innate

☒ 3. increase

☒ 4. insinuate

Question ID : 264330141149

Status : Answered

Chosen Option : 1

Q.6 Select the most appropriate synonym of the given word.
Insidious

- Ans ☒ 1. Protected
☒ 2. Secure
☒ 3. Safe
☒ 4. Harmful

Question ID : 26433096220
Status : Answered
Chosen Option : 4

Q.7 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The thief was caught with a spurious Picasso painting.

- Ans ☒ 1. Fake
☒ 2. Stolen
☒ 3. Splendid
☒ 4. Authentic

Question ID : 26433087924
Status : Answered
Chosen Option : 4

Q.8 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

The frog adopts itself to live both in water and on land.

- Ans ☒ 1. frog adepts itself
☒ 2. frog alters itself
☒ 3. No substitution
☒ 4. frog adapts itself

Question ID : 26433073257
Status : Answered
Chosen Option : 1

Q.9 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Darshan wished he hadn't / went to the theme park / in the first place.

- Ans ☒ 1. Darshan wished he hadn't
☒ 2. in the first place
☒ 3. went to the theme park
☒ 4. No error

Question ID : 26433084571
Status : Answered
Chosen Option : 1

Q.10 Select the most appropriate option to fill in the blank.
Kiran had a short _____ as a writer.

- Ans ☒ 1. caress
☒ 2. career
☒ 3. carer
☒ 4. carrier

Question ID : 26433099000
Status : Answered
Chosen Option : 2

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A place where coins, medals, or tokens are made

- Ans ☒ 1. Hutch
☒ 2. Hangar
☒ 3. Mint
☒ 4. Monastery

Question ID : 26433073683
Status : Answered
Chosen Option : 3

Q.12 Select the most appropriate meaning of the given idiom.
To bell the cat

- Ans ☒ 1. To feed pets
☒ 2. To play with kids
☒ 3. To love cats
☒ 4. To face risk

Question ID : 264330135965
Status : Answered
Chosen Option : 4

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

We all should help each other.

- Ans ☒ 1. help mutually
☒ 2. help one another
☒ 3. help each one
☒ 4. No substitution

Question ID : 26433073253
Status : Answered
Chosen Option : 4

Q.14 Parts of the following sentence have been given as options. Select the option that contains an error.

An lion is the most ferocious of all animals.

- Ans
- ☒ 1. ferocious of
 - ☒ 2. all animals.
 - ☒ 3. An lion
 - ☒ 4. is the most

Question ID : 26433072528
Status : Answered
Chosen Option : 3

Q.15 Select the appropriate idiom to fill in the blank.

The police have not yet been able to solve the case; it seems to be _____.

- Ans
- ☒ 1. in a nutshell
 - ☒ 2. turning over a new leaf
 - ☒ 3. a hard nut to crack
 - ☒ 4. in a pink

Question ID : 264330101280
Status : Answered
Chosen Option : 3

Q.16 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Israel has been a staunch ally of the United States.

- Ans
- ☒ 1. Resolute
 - ☒ 2. Careless
 - ☒ 3. Confused
 - ☒ 4. Unsteady

Question ID : 26433087925
Status : Answered
Chosen Option : 4

Q.17 Identify the option that rectifies the underlined spelling error in the given sentence.
The boys of our class have reported that considerable progress in the implimentation of their policies has been made.

- Ans
- ☒ 1. Implimentation
 - ☒ 2. implimantation
 - ☒ 3. Implementation
 - ☒ 4. Implemantation

Question ID : 264330122263
Status : Answered
Chosen Option : 3

Q.18 Select the most appropriate synonym of the given word.
Abound

- Ans ☒ 1. Increase
☒ 2. Flourish
☒ 3. Succeed
☒ 4. Adequate

Question ID : 26433096991
Status : Answered
Chosen Option : 4

Q.19 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Opportunity
☒ 2. Reliance
☒ 3. Appraoch
☒ 4. Bureau

Question ID : 26433092315
Status : Answered
Chosen Option : 3

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

A person who abandons religion

- Ans ☒ 1. Egotist
☒ 2. Priest
☒ 3. Apostate
☒ 4. Atheist

Question ID : 26433086325
Status : Answered
Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Global warming is one of the biggest environmental (1) _____ facing the world today. The primary cause of global warming is the (2) _____ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) _____ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) _____ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) _____ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans
- ☒ 1. consequences
 - ☒ 2. opportunities
 - ☒ 3. benefits
 - ☒ 4. challenges

Question ID : 264330137498

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Global warming is one of the biggest environmental (1) _____ facing the world today. The primary cause of global warming is the (2) _____ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) _____ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) _____ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) _____ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans
- ☒ 1. emission
 - ☒ 2. absorption
 - ☒ 3. reflection
 - ☒ 4. conduction

Question ID : 264330137499

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Global warming is one of the biggest environmental (1) _____ facing the world today. The primary cause of global warming is the (2) _____ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) _____ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) _____ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) _____ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

Ans ☒ 1. negative

☐ 2. positive

☐ 3. neutral

☐ 4. negligible

Question ID : 264330137500

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Global warming is one of the biggest environmental (1) _____ facing the world today. The primary cause of global warming is the (2) _____ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) _____ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) _____ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) _____ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

Ans ☐ 1. sanctions

☐ 2. subsidies

☐ 3. restrictions

☒ 4. policies

Question ID : 264330137501

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Global warming is one of the biggest environmental (1) _____ facing the world today. The primary cause of global warming is the (2) _____ of greenhouse gases such as carbon dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) _____ effects of global warming are widespread and include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) _____ to reduce greenhouse gas emissions. However, individuals can also play a role in (5) _____ global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

Ans  1. exacerbating

 2. mitigating

 3. sustaining

 4. expanding

Question ID : 264330137502

Status : Answered

Chosen Option : 2

Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/07/2023
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : General Intelligence and Reasoning

Q.1 Which two signs should be interchanged to make the given equation correct?

$$60 \times 4 + 9 \div 3 - 8 = 34$$

Ans ☒ 1. + and -

☒ 2. ÷ and +

☒ 3. + and ×

☒ 4. ÷ and ×

Question ID : 264330129777

Status : Answered

Chosen Option : 4

Q.2 Select the Venn diagram that best illustrates the relationship between the following classes.

Leafy Vegetables, Salad, Food

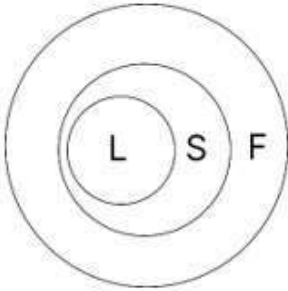
Leafy Vegetables = L

Salad = S

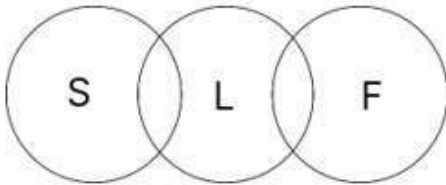
Food = F

Ans

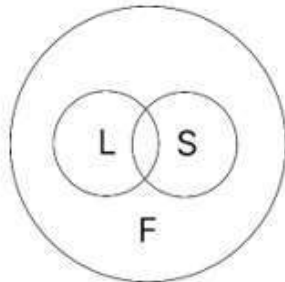
✗ 1.



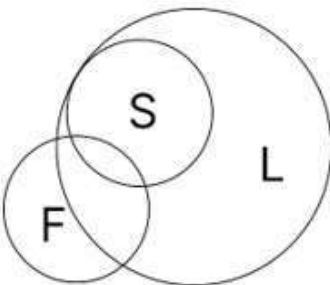
✗ 2.



✓ 3.



✗ 4.



Question ID : 264330131666

Status : Marked For Review

Chosen Option : 3

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 its constituent digits. E.g. 13 – Operations on 13 such as adding /Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(49, 63, 441)
(7, 14, 14)

- Ans  1. (7, 28, 35)
 2. (14, 28, 56)
 3. (7, 14, 45)
 4. (12, 18, 324)

Question ID : 26433089586

Status : Answered

Chosen Option : 2

Q.4 Which of the following numbers will replace the question mark (?) in the given series?
15, ?, 27, 39, 55, 75

- Ans  1. 19
 2. 20
 3. 21
 4. 18

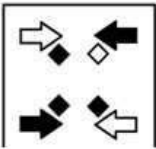
Question ID : 26433090056

Status : Answered

Chosen Option : 1

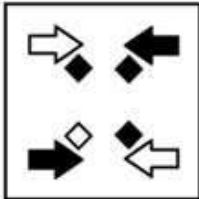
Q.5 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

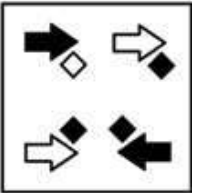


Ans

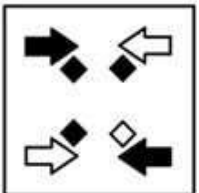
✗ 1.



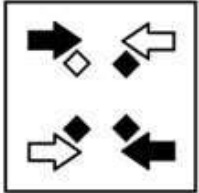
✗ 2.



✗ 3.



✓ 4.



Question ID : 26433067411

Status : Answered

Chosen Option : 4

Q.6 In a certain code language, 'MANAGE' is written as 'HJDQDP' and 'LITTLE' is written as 'HOWWLO'. How will 'POLICY' be written in that language?

Ans ✗ 1. CPMDOZ

✗ 2. QPMJDZ

✗ 3. YCILOP

✓ 4. BFLORS

Question ID : 26433082571

Status : Answered

Chosen Option : 4

Q.7 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

✗ 1.



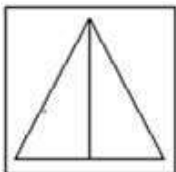
✓ 2.



✗ 3.



✗ 4.



Question ID : 26433087146

Status : Answered

Chosen Option : 2

Q.8 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)

Ophthalmology : Eyes :: Dermatology : ?

Ans ✗ 1. Nerves

✓ 2. Skin

✗ 3. Bones

✗ 4. Brain

Question ID : 264330102983

Status : Answered

Chosen Option : 2

Q.9 Select the set in which the numbers are related in the same way as the numbers of the given sets. (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(4, 6, 8)
(6, 8, 10)

- Ans  1. (2, 12, 8)
 2. (8, 12, 16)
 3. (5, 30, 10)
 4. (18, 18, 16)

Question ID : 26433069225
Status : Answered
Chosen Option : 2

Q.10 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Tortoise : Hatchling :: Rabbit : ?

- Ans  1. Shoat
 2. Kitten
 3. Piglet
 4. Calf

Question ID : 26433087267
Status : Answered
Chosen Option : 1

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 its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. 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, 20, 4)
(30, 30, 3)

- Ans  1. (44, 187, 44)
 2. (30, 190, 15)
 3. (35, 120, 19)
 4. (60, 400, 20)

Question ID : 26433056448
Status : Answered
Chosen Option : 4

Q.12 In a certain code language, "PENDANT" is written as "QFOEBOU" and "LAWFUL" is written as "MBXGVM". How will "IMPOSE" be written in that language?

Ans ☒ 1. JNQPTF

☐ 2. INPQSG

☐ 3. KMPRS F

☐ 4. IMQQSG

Question ID : 264330130315

Status : Answered

Chosen Option : 1

Q.13 'P @ Q' means 'P is the wife of Q'.
'P # Q' means 'P is the brother of Q'.
'P \$ Q' means 'P is the father of Q'.
'P - Q' means 'P is the daughter of Q'.
If Z - B \$ D \$ G, then how is Z related to G?

Ans ☐ 1. Z is the mother of G

☐ 2. Z is the sister of G

☒ 3. Z is the father's sister of G

☐ 4. Z is the daughter of G

Question ID : 264330122454

Status : Answered

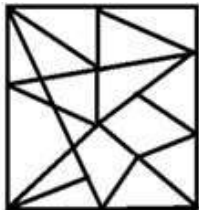
Chosen Option : 3

Q.14 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

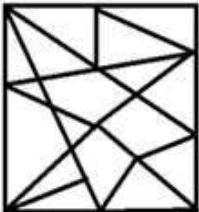


Ans

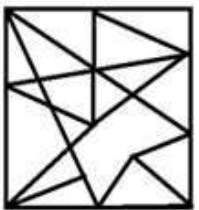
✗ 1.



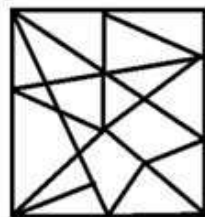
✗ 2.



✗ 3.



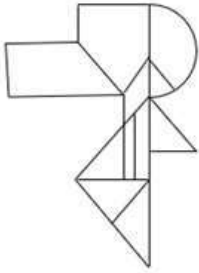
✓ 4.



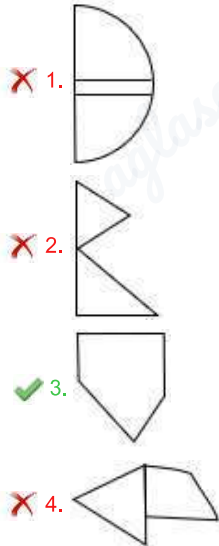
Question ID : 26433067432
Status : Answered
Chosen Option : 2

Q.15

Select the option figure which is embedded in the given figure (rotation is NOT allowed).



Ans



Question ID : 26433097261

Status : Answered

Chosen Option : 3

Q.16 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

Ans ☒ 1. (87, 522)

☒ 2. (84, 672)

☒ 3. (92, 552)

☒ 4. (64, 384)

Question ID : 264330143685

Status : Answered

Chosen Option : 2

Q.17 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans ☒ 1. JQM

☒ 2. DWG

☒ 3. BXE

☒ 4. AZD

Question ID : 26433092554

Status : Answered

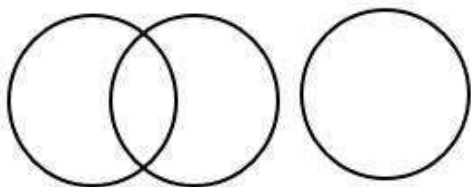
Chosen Option : 3

Q.18 Select the Venn diagram that best illustrates the relationship between the following classes.

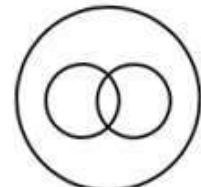
Women, Professor, Players

Ans

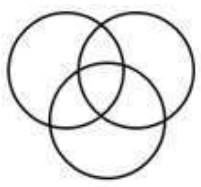
☒ 1.



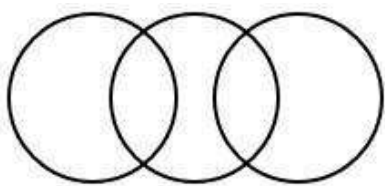
☒ 2.



☒ 3.



☒ 4.



Question ID : 264330145431

Status : **Marked For Review**

Chosen Option : 3

Q.19 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

175 : 210 :: 310 : 372 :: 295 : ?

Ans ☒ 1. 362

☒ 2. 354

☒ 3. 348

☒ 4. 340

Question ID : 264330143714

Status : **Answered**

Chosen Option : 2

Q.20 Select the figure that will replace the question mark (?) in the following figure series.

V	□	8	⤿	P	Z	8	6	□	P	V	⤿	
	6			V		Z				8		?
⤿	Z	P	6	8	□	P	⤿	V	Z	□	6	

Ans

✗ 1.

□	Z	8
	6	
V	P	⤿

✓ 2.

□	Z	6
	⤿	
V	P	8

✗ 3.

Z	⤿	6
	P	
8	V	□

✗ 4.

Z	P	6
	⤿	
□	V	8

Question ID : 264330143838

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.21 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Tertiary
2. Terrace
3. Terrain
4. Termite
5. Territory
6. Terminate

Ans ☒ 1. 4, 6, 3, 2, 5, 1
☒ 2. 4, 6, 2, 3, 1, 5
☒ 3. 6, 4, 2, 3, 5, 1
☒ 4. 6, 4, 3, 2, 5, 1

Question ID : 264330132176

Status : Answered

Chosen Option : 3

Q.22 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '5'.

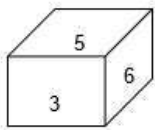


Figure 1

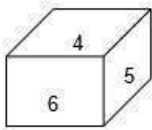


Figure 2

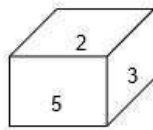


Figure 3

Ans ☒ 1. 2
☒ 2. 3
☒ 3. 4
☒ 4. 1

Question ID : 264330102489

Status : Answered

Chosen Option : 4

Q.23 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

A _ M P S A C _ P S A C O _ S A C P P _

Ans ☒ 1. S M P A
☒ 2. S C A N
☒ 3. C M A S
☒ 4. C N P S

Question ID : 264330143779

Status : Answered

Chosen Option : 4

Q.24 Which of the following terms will replace the question mark (?) in the given series?
OTLN, MSJM, KRHL, IQFK, ?

- Ans ☒ 1. HPDK
☒ 2. GQDJ
☒ 3. GPDJ
☒ 4. GPDK

Question ID : 26433070361
Status : Answered
Chosen Option : 3

Q.25 Which two signs should be interchanged to make the given equation correct?
 $117 \div 13 + 16 \times 540 - 40 = 644$

- Ans ☒ 1. $\div$ and +
☒ 2. + and $\times$
☒ 3. - and +
☒ 4. $\div$ and -

Question ID : 264330132501
Status : Answered
Chosen Option : 2

Section : General Awareness

Q.1 Which Chinese traveller visited India during the reign of Harshavardhana?

- Ans ☒ 1. Hsuan Tsang
☒ 2. Etsing
☒ 3. Faxian
☒ 4. Ibn Battuta

Question ID : 264330114026
Status : Answered
Chosen Option : 1

Q.2 Thomas Cup is a/an_____.

- Ans ☒ 1. annual event
☒ 2. biennial event
☒ 3. quarterly event
☒ 4. triennial event

Question ID : 264330109719
Status : Answered
Chosen Option : 1

Q.3 'Penalty Corner' is related to which of the following sports?

- Ans
- ☒ 1. Chess
 - ☒ 2. Tennis
 - ☒ 3. Badminton
 - ☒ 4. Hockey

Question ID : 264330144207

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.4 Which is the only living representative of Sphenopsida that has an underground, creeping and perennial rhizome that gives off aerial as well as underground branches?

- Ans
- ☒ 1. Adiantum
 - ☒ 2. Dryopteris
 - ☒ 3. Selaginella
 - ☒ 4. Equisetum

Question ID : 264330110068

Status : **Not Answered**

Chosen Option : --

Q.5 Trichloromethane is better known as:

- Ans
- ☒ 1. chloroform
 - ☒ 2. butanes
 - ☒ 3. LPG
 - ☒ 4. laughing gas

Question ID : 264330109888

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.6 Which Constitutional Amendment added Fundamental Duties in the Constitution?

- Ans
- ☒ 1. Forty-Second Amendment Act, 1976
 - ☒ 2. Forty-Seventh Amendment, 1984
 - ☒ 3. Forty-Fourth Amendment Act 1978
 - ☒ 4. Fifty-Second Amendment, 1985

Question ID : 26433054076

Status : **Answered**

Chosen Option : 3

Q.7 Match the columns.

States	Hills
1. Kerala	a. Anaimalai Hills
2. Meghalaya	b. Garo Hills
3. Mizoram	c. Lushai Hills

Ans ☒ 1. 1-a, 2-b, 3-c

☒ 2. 1-b, 2-c, 3-a

☒ 3. 1-b, 2-a, 3-c

☒ 4. 1-c, 2-b, 3-a

Question ID : 264330116469

Status : Answered

Chosen Option : 1

Q.8 Vijayanagara emperor Krishnadeva Raya founded a suburban township near Vijayanagara called Nagalapuram after his _____.

Ans ☒ 1. father

☒ 2. teacher

☒ 3. sister

☒ 4. mother

Question ID : 264330114086

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.9 How many nominated members are there in the Legislative Assembly of Telangana?

Ans ☒ 1. Four

☒ 2. One

☒ 3. Two

☒ 4. Three

Question ID : 264330113447

Status : Not Answered

Chosen Option : --

Q.10 On International Women's Day 2022, the Ministry of MSME launched an entrepreneurship drive for women by which of the following names?

Ans ☒ 1. SAMARTH

☒ 2. NIRBHAYA

☒ 3. SWADHAR

☒ 4. UJJAWALA

Question ID : 264330130841

Status : Answered

Chosen Option : 1

Q.11 What are the main energy sources for earth's internal heat engine?

- Ans ☒ 1. Radiogenic heat and oceanic tide heat
☒ 2. Heat from volcanoes and solar heat
☒ 3. Solar heat and oceanic tide heat
☒ 4. Radiogenic heat and primordial heat

Question ID : **264330109948**
Status : **Not Answered**
Chosen Option : --

Q.12 Select the correct statement about the achievements of Sruti Bandopadhyay, an eminent Manipuri dancer.

- Ans ☒ 1. She received Padma Shri for the year 2020.
☒ 2. She received Sangeet Natak Akademi Award for the year 2020.
☒ 3. She received Kalidas Samman for the year 2020.
☒ 4. She received Padma Vibhushan for the year 2020.

Question ID : **264330131030**
Status : **Not Answered**
Chosen Option : --

Q.13 Which of the given personalities is NOT associated with Carnatic Music?

- Ans ☒ 1. Kalyani Varadarajan
☒ 2. MS Subbulakshmi
☒ 3. Vishnu Narayan Bhatkhande
☒ 4. Subramania Bharathiyar

Question ID : **264330130507**
Status : **Not Answered**
Chosen Option : --

Q.14 Which of the following Acts was introduced to regulate Foreign Exchange in India in 1973?

- Ans ☒ 1. FERA
☒ 2. FEMA
☒ 3. FRBM
☒ 4. SARFESI

Question ID : **264330109390**
Status : **Answered**
Chosen Option : **2**

Q.15 Which of the following dances is performed by the Santhal tribe of Jharkhand?

Ans ✓ 1. Jhika Dasain

✗ 2. Kolkali

✗ 3. Ghumar

✗ 4. Koli

Question ID : 26433094873

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.16 Which of the following cell organelles is made up of ribosomal RNA and protein?

Ans ✓ 1. Ribosome

✗ 2. Nucleus

✗ 3. Golgi body

✗ 4. Lysosome

Question ID : 26433082210

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.17 Shri Sagar Kailas Ovhalakar was in news for being conferred with Arjuna Award 2022 for his outstanding contribution in which of the following sports?

Ans ✗ 1. Kabbadi

✗ 2. Chess

✗ 3. Judo

✓ 4. Mallakhamb

Question ID : 264330130859

Status : **Not Answered**

Chosen Option : --

Q.18 Who among the following was the first person to discuss poverty line in pre-independent India?

Ans ✓ 1. Dadabhai Naoroji

✗ 2. Mahalanobis

✗ 3. Dr. BR Ambedkar

✗ 4. RK Shanmukham Chetty

Question ID : 264330109875

Status : **Answered**

Chosen Option : 1

Q.19 Identify the group of states that are covered in the Sardar Sarovar Project.

- Ans ☒ 1. Maharashtra, Madhya Pradesh, Chhattisgarh and Jharkhand
☒ 2. Maharashtra, Madhya Pradesh, Gujarat and Rajasthan
☒ 3. Gujarat, Punjab, Haryana, Rajasthan
☒ 4. Gujarat, Rajasthan, Karnataka and Telangana

Question ID : 264330110197
Status : Answered
Chosen Option : 2

Q.20 Which German chemist and physicist proposed that an aromatic compound must have an odd number of pairs of electrons, Which can mathematically be written as $4n+2$ ($n = 0, 1, 2, 3$, etc.) in 1931?

- Ans ☒ 1. Friedrich Kekule
☒ 2. Rosalind Franklin
☒ 3. Erich Huckel
☒ 4. Antoine Lavoisier

Question ID : 264330144053
Status : Not Answered
Chosen Option : --

Q.21 Under whom was CP Ilbert a law member of the council?

- Ans ☒ 1. Lord Lytton
☒ 2. Lord Cornwallis
☒ 3. Lord Ripon
☒ 4. Lord Curzon

Question ID : 264330112156
Status : Answered
Chosen Option : 3

Q.22 Who among the following is the author of the book 'The Buddha and his Dhamma', which appeared in 1957 after the death of its author?

- Ans ☒ 1. Subhas Chandra Bose
☒ 2. BR Ambedkar
☒ 3. Mahatma Gandhi
☒ 4. Motilal Nehru

Question ID : 264330141520
Status : Not Answered
Chosen Option : --

Q.23 Nag Panchami is celebrated in which month of Hindu Calendar?

Ans ☒ 1. Shravan

☒ 2. Kartik

☒ 3. Sharad

☒ 4. Asadh

Question ID : 264330109621

Status : Not Answered

Chosen Option : --

Q.24 _____ became the first swimmer from India to breach the Olympic Qualification Time (A cut) in swimming as he capped the qualification period with an outstanding performance in the Sette Colli Trophy in Rome, Italy in June 2021.

Ans ☒ 1. Sajan Prakash

☒ 2. Srihari Nataraj

☒ 3. Anand Anilkumar Shylaja

☒ 4. Virdhawal Khade

Question ID : 26433086893

Status : Not Answered

Chosen Option : --

Q.25 Who is the regulator of Micro Finance Institutions in India?

Ans ☒ 1. SEBI

☒ 2. RBI

☒ 3. NABARD

☒ 4. SBI

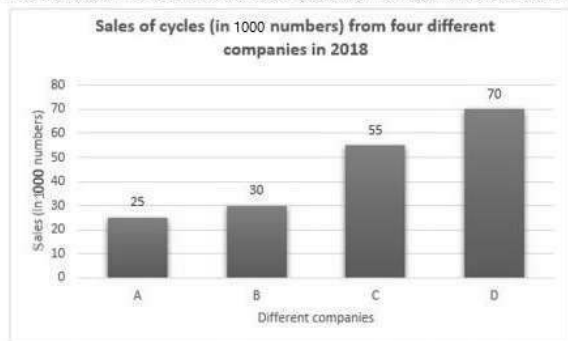
Question ID : 264330109080

Status : Not Attempted and Marked For Review

Chosen Option : --

Section : Quantitative Aptitude

- Q.1** Study the given bar-graph and answer the question that follows.
The bar graph shows the sales of cycles (in 1000 numbers) from four different companies during 2018.



- Ans** ☒ 1. 45,000
☒ 2. 34,000
☒ 3. 54,000
☒ 4. 24,000

Question ID : 264330130425
 Status : Answered
 Chosen Option : 1

- Q.2** The ratio of the number of boys to that of the girls in a school is 11 : 15. If there are 200 more girls than boys in the school, what is the number of boys in that school?

- Ans** ☒ 1. 550
☒ 2. 750
☒ 3. 506
☒ 4. 605

Question ID : 264330131168
 Status : Answered
 Chosen Option : 1

- Q.3** The following table shows the number of sweets manufactured by six factories.

Year	Factory					
	P	Q	R	S	T	U
1996	196	145	254	169	291	220
1997	172	233	141	125	167	189
1998	178	240	150	130	177	192
1999	180	260	160	140	188	195

What is the respective ratio of sweets manufactured by factories P, Q and R together in the year 1998, to the sweets manufactured by factories S, T and U together in the same year?

- Ans** ☒ 1. 568 : 499
☒ 2. 61 : 72
☒ 3. 61 : 42
☒ 4. 40 : 51

Question ID : 26433075354
 Status : Answered
 Chosen Option : 1

Q.4 The ratio between the monthly income and the expenditure of Vaidic is 8 : 5. If his income increases by 20% and his expenditure increases by 30%, then find the percentage increase or decrease in his monthly savings.

Ans

☒ 1. $5\frac{2}{3}\%$ increase

☒ 2. $5\frac{2}{3}\%$ decrease

☒ 3. $3\frac{1}{3}\%$ increase

☒ 4. $3\frac{1}{3}\%$ decrease

Question ID : 264330131451

Status : Answered

Chosen Option : 3

Q.5 Simplify the following expression.

$$(2 \times 7 - 5 + 9 \div 3) \div (4 + 2)^2 \times 2$$

Ans

☒ 1. 2

☒ 2. $\frac{3}{2}$

☒ 3. $\frac{2}{3}$

☒ 4. 1.5

Question ID : 264330143495

Status : Answered

Chosen Option : 3

Q.6 If ₹72 amounts to ₹104.4 in 3 years, what will ₹120 amount to in 5 years at the same rate percent per annum?

Ans

☒ 1. ₹450

☒ 2. ₹330

☒ 3. ₹210

☒ 4. ₹215

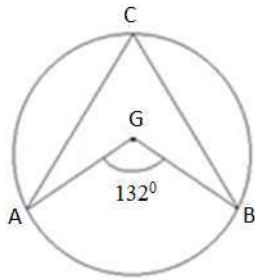
Question ID : 264330104357

Status : Answered

Chosen Option : 3

Q.7

In the given figure, 'G' is the centre of the circle. Find the angle ACB when $\angle AGB = 132^\circ$.



- Ans
- ☒ 1. 62°
 - ☒ 2. 66°
 - ☒ 3. 64°
 - ☒ 4. 60°

Question ID : 264330114324

Status : Answered

Chosen Option : 2

Q.8 Three successive discounts of 15%, 20% and 25% are given. What will be the net discount in percentage?

- Ans
- ☒ 1. 52%
 - ☒ 2. 49%
 - ☒ 3. 46%
 - ☒ 4. 40%

Question ID : 264330103719

Status : Answered

Chosen Option : 2

Q.9 Pipe A can fill an empty tank in 18 hours and pipe B can fill the same empty tank in 24 hours. If both the pipes are opened simultaneously, how much time (in hours) will they take to fill the empty tank?

- Ans
- ☒ 1. $11\frac{3}{7}$
 - ☒ 2. $10\frac{1}{7}$
 - ☒ 3. $10\frac{2}{7}$
 - ☒ 4. $11\frac{2}{7}$

Question ID : 264330121729

Status : Answered

Chosen Option : 3

Q.10 In a mixture of 55 litres, fruit juice and water are in the ratio of 4 : 1. How much water (in litres) must be added to make the mixture ratio 2 : 1?

- Ans
- ☒ 1. 9
 - ☒ 2. 22
 - ☒ 3. 11
 - ☒ 4. 12

Question ID : 264330129992
Status : Answered
Chosen Option : 3

Q.11 Ranu carries water to school in a cylindrical flask with diameter 12 cm and height 21 cm. Determine the amount of water that she can carry in the flask. (Use $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 2372 cm^3
 - ☒ 2. 2370 cm^3
 - ☒ 3. 2376 cm^3
 - ☒ 4. 2374 cm^3

Question ID : 26433082996
Status : Answered
Chosen Option : 3

Q.12 A policeman follows a thief, who is 1250 m ahead of him. The policeman and the thief run at the speed of 10 km/h and 8 km/h, respectively. The distance (in km) run by the thief before he is nabbed by the policeman is:

- Ans
- ☒ 1. 7
 - ☒ 2. 4
 - ☒ 3. 5
 - ☒ 4. 6

Question ID : 264330103563
Status : Answered
Chosen Option : 3

Q.13 If $\sec\theta + \tan\theta = 5$, ($\theta \neq 0$), then $\sec\theta$ is equal to:

- Ans
- ☒ 1. $(5 + \frac{1}{5})$
 - ☒ 2. $\frac{1}{2}(3 + \frac{1}{3})$
 - ☒ 3. $\frac{1}{2}(5 + \frac{1}{5})$
 - ☒ 4. $(3 + \frac{1}{3})$

Question ID : 26433075032
Status : Answered
Chosen Option : 3

Q.14 In a circle, a 14 cm long chord is at 24 cm from the centre of the circle. Find the length of the radius of the circle.

- Ans
- ☒ 1. 30 cm
 - ☒ 2. 25 cm
 - ☒ 3. 50 cm
 - ☒ 4. 27 cm

Question ID : 264330122096

Status : Answered

Chosen Option : 2

Q.15 A man takes 15 minutes to row 16 km downstream, which is 25% less than the time he takes to row the same distance upstream. How many kilometres can the man row in an hour in still water? (Rounded off to nearest whole number)

- Ans
- ☒ 1. 56
 - ☒ 2. 60
 - ☒ 3. 58
 - ☒ 4. 54

Question ID : 264330130676

Status : Answered

Chosen Option : 3

Q.16 To do a certain work, Ajay and Bharat work on alternate days, with Bharat starting the work on the first day. Ajay can finish the work alone in 32 days. If the work gets completed in exactly 8 days, then Bharat alone can finish 7 times the same work in _____ days.

- Ans
- ☒ 1. $\frac{28}{8}$
 - ☒ 2. 4
 - ☒ 3. $\frac{32}{7}$
 - ☒ 4. 32

Question ID : 264330119533

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.17 If $\sec \theta + \cos \theta = 32$, then $\sec^2 \theta + \cos^2 \theta$ is _____.

- Ans
- ☒ 1. 1000
 - ☒ 2. 1022
 - ☒ 3. 1024
 - ☒ 4. 1020

Question ID : 264330143549

Status : Answered

Chosen Option : 2

Q.18 A, B and C can separately complete a work in 12, 15 and 20 days, respectively. They worked together 4 days. What will be the remaining work?

Ans

☒ 1. $\frac{1}{2}$

☒ 2. $\frac{1}{5}$

☒ 3. $\frac{1}{6}$

☒ 4. $\frac{1}{8}$

Question ID : 264330143462

Status : Answered

Chosen Option : 2

Q.19 If $x > 0$, and $x^4 + \frac{1}{x^4} = 254$, what is the value of $x^5 + \frac{1}{x^5}$?

Ans

☒ 1. $717\sqrt{2}$

☒ 2. $723\sqrt{2}$

☒ 3. $720\sqrt{2}$

☒ 4. $726\sqrt{2}$

Question ID : 264330101368

Status : Answered

Chosen Option : 1

Q.20 A shopkeeper gains 20% in place of 16% loss if the selling price of an article is increased by ₹324. The cost price of the article is:

Ans

☒ 1. ₹900

☒ 2. ₹750

☒ 3. ₹1,350

☒ 4. ₹60

Question ID : 26433087358

Status : Answered

Chosen Option : 1

Q.21 Simplify the following.

$$\frac{\sin^3 \alpha + \cos^3 \alpha}{\sin \alpha + \cos \alpha}$$

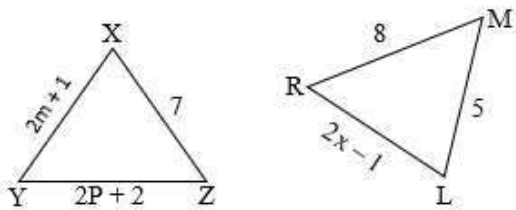
- Ans
- ☒ 1. $1 + \sin \alpha \cos \alpha$
 - ☒ 2. $\tan \alpha$
 - ☒ 3. $1 - \sin \alpha \cos \alpha$
 - ☒ 4. $\sec \alpha$

Question ID : 26433075370

Status : Answered

Chosen Option : 3

Q.22 If $\triangle XYZ \cong \triangle LMR$, then $m + x + p =$ _____.



- Ans
- ☒ 1. 7
 - ☒ 2. 6
 - ☒ 3. 9
 - ☒ 4. 13

Question ID : 26433091945

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.23 If $a = 17$, $b = 13$, then find the value of the expression $(a^3 - b^3 - 3a^2b + 3ab^2)$.

- Ans
- ☒ 1. - 64
 - ☒ 2. - 27000
 - ☒ 3. 27000
 - ☒ 4. 64

Question ID : 264330123998

Status : Answered

Chosen Option : 4

Q.24 Simplify the given expression.

$$18 \div 3 \text{ of } 2 \times 5 + 72 \div 18 \text{ of } 2 \times 3 - 4 \div 8 \times 2$$

Ans ☒ 1. 20

☐ 2. $\frac{20}{3}$

☐ 3. $\frac{25}{3}$

☐ 4. 25

Question ID : 26433065256

Status : Answered

Chosen Option : 1

Q.25 The ages of Gyanendra and Arbind are in the ratio 6 : 5. If the sum of their ages is 55 years, then what will be the ratio of their ages after seven years from now?

Ans ☐ 1. 5 : 6

☒ 2. 37 : 32

☐ 3. 32 : 37

☐ 4. 6 : 5

Question ID : 264330131496

Status : Answered

Chosen Option : 2

Section : English Comprehension

Q.1 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The availability of funds will be / ensured if they all tried to / submit the proposals on time.

Ans ☐ 1. The availability of funds will be

☐ 2. No error

☐ 3. submit the proposals on time

☒ 4. ensured if they all tried to

Question ID : 26433073767

Status : Answered

Chosen Option : 4

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

A person who does not believe that God or Gods exist.

Ans ☐ 1. Irreverent

☒ 2. Atheist

☐ 3. Profane

☐ 4. Blasphemous

Question ID : 26433087907

Status : Answered

Chosen Option : 2

Q.3 Select the most appropriate meaning of the given idiom.
Sharp practice

Ans ☒ 1. Dishonesty

☒ 2. Frequently

☒ 3. Briefly

☒ 4. Nearby

Question ID : 26433099654

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.4 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. But the question that perturbs Ruskin's mind is what social pressure can be exercised against a dishonest person.

B. The merchant, for instance, must supply perfect and pure things to the people.

C. Ruskin believes that in every civilised society there exist five intellectual professions, namely the soldier, the pastor, the physician, the lawyer and the merchant.

D. Persons belonging to these professions are expected to perform their duty honestly.

Ans ☒ 1. BACD

☒ 2. DABC

☒ 3. CDBA

☒ 4. ABDC

Question ID : 26433096938

Status : Answered

Chosen Option : 3

Q.5 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. But she has no idea an aunt and uncle are waiting for her.

B. 'The Strange Child' is the story of a young girl who believes she is the only one on the planet.

C. Her parents simply vanished into thin air one day.

D. She travels the world in search of Nevada because she aspires to reside in the Mojave Desert.

Ans ☒ 1. DABC

☒ 2. BDAC

☒ 3. BACD

☒ 4. BCDA

Question ID : 26433096983

Status : Answered

Chosen Option : 4

Q.6 Select the option that expresses the given sentence in passive voice.

Did you not buy the return tickets to Dehradun?

- Ans
- ☒ 1. Was the return tickets to Dehradun not bought by you?
 - ☒ 2. Were the return tickets to Dehradun not being bought by you?
 - ☒ 3. Had the return tickets to Dehradun not bought by you?
 - ☒ 4. Were the return tickets to Dehradun not bought by you?

Question ID : 264330141540

Status : Answered

Chosen Option : 4

Q.7 In the following sentence, four words are underlined, out of which one word is incorrectly spelt. Identify the INCORRECTLY spelt word.

Seema was a timid girl. She did not talk to people who were not familiar to her. She was an introvert since adolosense.

- Ans
- ☒ 1. introvert
 - ☒ 2. timid
 - ☒ 3. adolosense
 - ☒ 4. familiar

Question ID : 264330123790

Status : Answered

Chosen Option : 3

Q.8 Select the most appropriate idiom/phrase that can substitute the underlined segment in the given sentence.

Vennela made a big fuss about a small problem.

- Ans
- ☒ 1. Get a taste of your own medicine
 - ☒ 2. Barking up the wrong tree
 - ☒ 3. Add insult to injury
 - ☒ 4. A storm in a teacup

Question ID : 26433088778

Status : Answered

Chosen Option : 4

Q.9 Describe how you will tell your parents that Mahesh and his team were helping the fire and rescue team in passive voice.

- Ans
- ☒ 1. The fire and rescue team helped by Mahesh and his team.
 - ☒ 2. The fire and rescue team was being helped by Mahesh and his team.
 - ☒ 3. The fire and rescue team being help by Mahesh and his team.
 - ☒ 4. Mahesh and his team were been helping the fire and rescue team.

Question ID : 264330122770

Status : Answered

Chosen Option : 2

Q.10 Select the grammatically correct statement from among the given options.

- A. It is a nice party. I am enjoying the party.
- B. It is a party. I am enjoying an party.
- C. It is party. I am enjoying a party.
- D. It is the party. I am enjoying an party.

Ans  1. D

 2. C

 3. B

 4. A

Question ID : 26433089023

Status : Answered

Chosen Option : 4

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A book or set of books giving information about all areas of knowledge

Ans  1. Encyclopedia

 2. Dictionary

 3. Volume

 4. Anthology

Question ID : 26433088199

Status : Answered

Chosen Option : 1

Q.12 Select the most appropriate synonym of the given word.

Peruse

Ans  1. Check

 2. Draw

 3. Pursue

 4. Narrate

Question ID : 26433089108

Status : Not Answered

Chosen Option : --

Q.13 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. We often make all things around us the way we want them.

B. Even during our pilgrimages, we have begun to look for whatever makes our heart happy, gives comfort to our body and peace to the mind.

C. Our mind is resourceful enough to find shortcuts in simple and easy ways.

D. It is as if external solutions will fulfil our needs, and we do not want to make any special efforts even in our spiritual search.

Ans ☒ 1. CABD

☒ 2. ADBC

☒ 3. ABDC

☒ 4. DABC

Question ID : 26433098963

Status : Answered

Chosen Option : 2

Q.14 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The Emperor was considered as a wicked man.

Ans ☒ 1. Virtuous

☒ 2. Savage

☒ 3. Fierce

☒ 4. Vile

Question ID : 26433084688

Status : Answered

Chosen Option : 1

Q.15 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. It's because the 'practical people' in society boast of having a practical approach to life.

B. It is very likely for youngsters to seek advice from their elders.

C. Emphasising upon the times that prevailed, the youth very much get their queries answered systematically.

D. In the similar context even the elders are, in most likelihood, expected to give their advice as a word of guidance.

Ans ☒ 1. BDCA

☒ 2. CDAB

☒ 3. ACDB

☒ 4. DCAB

Question ID : 264330117142

Status : Answered

Chosen Option : 2

Q.16 Select the most appropriate synonym of the given word.

Matching

- Ans ☒ 1. Appointing
☒ 2. Distinguishing
☒ 3. Adoring
☒ 4. Resembling

Question ID : 26433092922
Status : Answered
Chosen Option : 4

Q.17 Select the most appropriate ANTONYM of the given word.
Derision

- Ans ☒ 1. Disintegration
☒ 2. Termination
☒ 3. Admiration
☒ 4. Estimation

Question ID : 264330132808
Status : Answered
Chosen Option : 3

Q.18 Select the most appropriate synonym of the word given in brackets to fill in the blank.
He was offered a _____(moderate) price for his bungalow.

- Ans ☒ 1. sustainable
☒ 2. considerable
☒ 3. respectable
☒ 4. reasonable

Question ID : 264330141152
Status : Answered
Chosen Option : 4

Q.19 Select the most appropriate synonym of the underlined word.

The salesman yielded to the demands of his corrupt boss.

- Ans ☒ 1. Conceded
☒ 2. Courted
☒ 3. Hounded
☒ 4. Trended

Question ID : 26433091820
Status : Answered
Chosen Option : 1

Q.20 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Deceived
☒ 2. Reciept
☒ 3. Resistance
☒ 4. Postponed

Question ID : 26433089103

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Learning a new language can be challenging, but it's also (1) _____. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) _____ yourself time to progress. One way to make language learning easier is to (3) _____ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) _____ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) _____ and can be a fun experience.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans ☒ 1. insignificant
☒ 2. rewarding
☒ 3. pointless
☒ 4. customising

Question ID : 264330139235

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Learning a new language can be challenging, but it's also (1) _____. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) _____ yourself time to progress. One way to make language learning easier is to (3) _____ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) _____ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) _____ and can be a fun experience.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans ☒ 1. give
☒ 2. neglect
☒ 3. rush
☒ 4. force

Question ID : 264330139236

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Learning a new language can be challenging, but it's also (1) _____. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) _____ yourself time to progress. One way to make language learning easier is to (3) _____ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) _____ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) _____ and can be a fun experience.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans  1. hesitate
 2. commit
 3. forget
 4. procrastinate

Question ID : 264330139237

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Learning a new language can be challenging, but it's also (1) _____. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) _____ yourself time to progress. One way to make language learning easier is to (3) _____ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) _____ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) _____ and can be a fun experience.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans  1. pitch
 2. complacency
 3. progress
 4. stamina

Question ID : 264330139238

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Learning a new language can be challenging, but it's also (1) _____. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) _____ yourself time to progress. One way to make language learning easier is to (3) _____ to it every day, even if it's just for a few minutes. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) _____ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) _____ and can be a fun experience.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no 5.

- Ans ☒ 1. daunting
☒ 2. arduous
☒ 3. intimidating
☒ 4. enjoyable

Question ID : 264330139239

Status : Answered

Chosen Option : 4