

SSC CGL 2022 TIER 1 December 5, 2022 SHIFT 4 QUESTION PAPER

Exam Date	05/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : General Intelligence and Reasoning

Q.1 After interchanging the given two numbers and two signs what will be the values of equation (I) and (II) respectively?

\times and \div , 7 and 9

I. $8 \times 3 \div 6 + 9 - 7$

II. $9 - 7 \times 1 + 6 \div 3$

Ans 1. 0, 8

2. 14, 16

3. 6, 9

4. 10, 11

Question ID : 264330105154

Status : Answered

Chosen Option : 2

Q.2 In the following question, four number pairs are given. In each pair the number on left side of (-) is related to the number of the right side of (-) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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. 12 – 145

2. 16 – 257

3. 14 – 193

4. 10 – 101

Question ID : 264330105054

Status : Answered

Chosen Option : 3

Q.3 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
QML, PRC, OWT, NBK, ?

Ans 1. GMR

2. MGB

3. MBG

4. GQR

Question ID : 264330104805

Status : Answered

Chosen Option : 2

Q.4 By interchanging the given two signs which of the following equation will be correct?
 \times and $+$

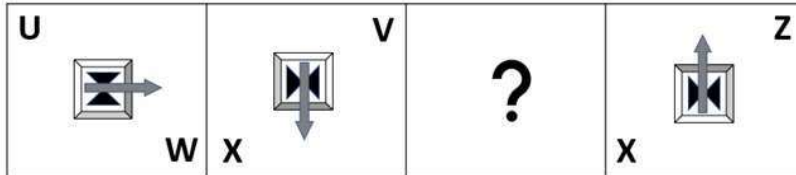
- Ans
- 1. $7 \times 8 + 9 + 18 - 11 = 16$
 - 2. $24 - 8 - 5 \times 5 + 3 = 14$
 - 3. $5 \times 10 - 15 + 20 + 25 = 8$
 - 4. $24 \times 8 + 6 \div 3 - 18 = 22$

Question ID : 264330105121

Status : Answered

Chosen Option : 4

Q.5 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 : 26433057787

Status : Answered

Chosen Option : 3

Q.6 After arranging the given words according to dictionary order, which word will come at 'Third' position?

1. Theory
2. Theorem
3. Theology
4. Theologue
5. Theogonic

Ans 1. Theologue
 2. Theorem
 3. Theology
 4. Theogonic

Question ID : 264330104895
Status : Answered
Chosen Option : 3

Q.7 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some coats are tables.

No table is a mirror.

All golds are tables.

Conclusions:

I. Some coats being golds is a possibility.

II. No gold is a mirror.

III. All tables are golds.

IV. No coat is a mirror.

Ans 1. Only Conclusion I follows
 2. Only Conclusions II and III follow
 3. Only Conclusions I and II follow
 4. Only Conclusions I, II and IV follow

Question ID : 26433070346
Status : Answered
Chosen Option : 3

Q.8 In a certain code language, 'PLAYGROUND' is written as 'OKZXFQNTMC' and 'SCIENCE' is written as 'RBHDMBD', how will 'TYPEWRITER' be written in that language?

Ans 1. RVNCUQHSDQ
 2. SXODVPGRCPC
 3. RVNCUPGRCP
 4. SXODVQHSDQ

Question ID : 26433067771
Status : Answered
Chosen Option : 4

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.

6 : 125 :: 2 : 1 :: 5 : ?

Ans 1. 81
 2. 64
 3. 68
 4. 72

Question ID : 26433067650
Status : Answered
Chosen Option : 2

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

G B v X 2 U
M _____ N

- Ans
- ✓ 1.
 - ✗ 2.
 - ✗ 3.
 - ✗ 4.

Question ID : 26433080795
Status : Answered
Chosen Option : 1

Q.11 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All P are W.

II. No O is W.

Conclusion:

I. Some O are not P.

II. All W are O.

- Ans
- ✗ 1. Neither conclusion follows
 - ✓ 2. Only conclusion I follows
 - ✗ 3. Only conclusion II follows
 - ✗ 4. Both conclusions I and II follows

Question ID : 264330104922
Status : Answered
Chosen Option : 2

Q.12 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '2'.

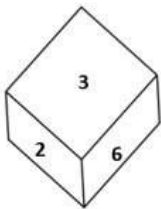


Figure 1

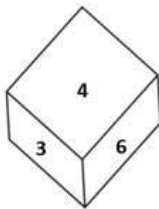


Figure 2

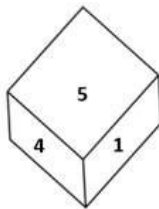


Figure 3

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

Question ID : 26433081528
Status : Answered
Chosen Option : 1

Q.13 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

FURN7TURE



- Ans
- 1. FURNITUER
 - 2. FARNITURE
 - 3. FURNITURE
 - 4. FURN7TURE

Question ID : 26433067827
Status : Answered
Chosen Option : 4

Q.14 Which two numbers from amongst the given options should be interchanged to make the given equation correct?

$$248 \div 4 + 184 \div (4 \times 6 - 2 \times 8) = 77$$

- Ans
- 1. 8 and 4
 - 2. 184 and 77
 - 3. 184 and 248
 - 4. 4 and 6

Question ID : 26433067699
Status : Answered
Chosen Option : 3

Q.15 A # B means 'A is the sister of B'.
A @ B means 'A is the son of B'.
A & B means 'A is the father of B'.
A % B means 'A is the mother of B'.
If W & Q # T & Y @ M % K, then how is W related to K?

- Ans
- 1. Mother's father
 - 2. Brother
 - 3. Father's father
 - 4. Father

Question ID : 26433068152
Status : Answered
Chosen Option : 3

Q.16 In a certain code language, 'BOSS' is coded as '21967' and 'DEAL' is coded as '19192414'. How will 'GAIN' be coded in that language?

- Ans
- 1. 16231512
 - 2. 16241612
 - 3. 16231612
 - 4. 16231611

Question ID : 26433067344
Status : Answered
Chosen Option : 3

Q.17 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row - 15, 11, 43

Second row - 13, 8, 48

Third row - 9, 7, ?

(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. 23

2. 30

3. 27

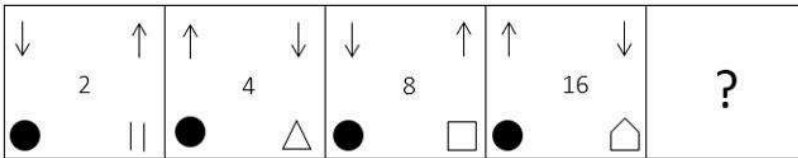
4. 28

Question ID : 26433069204

Status : Not Attempted and Marked For Review

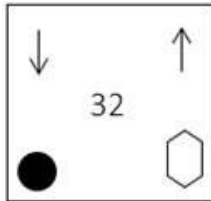
Chosen Option : --

Q.18 Select the figure from among the given options that can replace the question mark (?) in the following series.

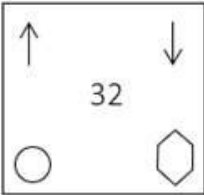


Ans

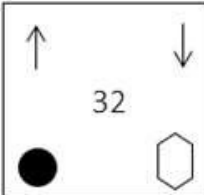
1.



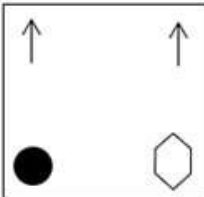
2.



3.



4.



Question ID : 26433085387

Status : Answered

Chosen Option : 1

Q.19 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 its constituent digits.)

(5, 41, 4)

(2, 68, 8)

Ans 1. (6, 100, 8)

2. (5, 18, 4)

3. (5, 100, 4)

4. (4, 49, 3)

Question ID : 26433069242

Status : Answered

Chosen Option : 1

Q.20 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.)

Ant : Antling :: Deer : ?

Ans 1. Pup

2. Fawn

3. Cub

4. Foal

Question ID : 26433068353

Status : Answered

Chosen Option : 2

Q.21 Which of the following numbers will replace the question mark (?) in the given series?

97, 131, 165, 199, 233, ?

Ans 1. 260

2. 273

3. 251

4. 267

Question ID : 26433067866

Status : Answered

Chosen Option : 4

Q.22 If $K \div L$ means that K is the mother of L, $K - L$ means that K is the father of L, $K \times L$ means that K is the sister of L, then which of the following expression shows that P is the paternal grandmother of R?

Ans 1. $P \div Q \times R$

2. $R - Q \div P$

3. $P \div Q - R$

4. $Q \div P - R$

Question ID : 264330104967

Status : Answered

Chosen Option : 3

Q.23 Which of the following letter-clusters will replace the question mark (?) in the given series?

HFK, KHM, ?, QLQ, TNS

Ans 1. NJO

2. OKN

3. MJN

4. MKP

Question ID : 26433057989

Status : Answered

Chosen Option : 1

Q.24 Three of the following letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group?

Ans 1. YNUF

2. CRYB

3. ATRE

4. DSZA

Question ID : 26433081497

Status : Answered

Chosen Option : 3

Q.25 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.)

Rice : Grain :: Lentils : ?

Ans 1. Pulses

2. Sprouts

3. Cereal

4. Starch

Question ID : 26433056810

Status : Answered

Chosen Option : 1

Section : General Awareness

Q.1 As per the Hindu calendar, Ugadi festival in southern states of India is celebrated in which of the following months?

Ans 1. Margashirsha

2. Vaishaka

3. Chaitra

4. Shravan

Question ID : 26433070821

Status : Marked For Review

Chosen Option : 2

Q.2 Who among the following was the winner of the National Film Award in 2002 for his choreography in the Hindi movie 'Lagaan'?

- Ans
- 1. Ahmed Khan
 - 2. Raju Khan
 - 3. Dinesh Kumar
 - 4. Shiamak Davar

Question ID : 26433074834
Status : Not Answered
Chosen Option : --

Q.3 Which of the following is a feature of public goods?

- Ans
- 1. These goods are more competitive.
 - 2. These goods are limited in supply.
 - 3. Consumption of one person does not affect the consumption of another person.
 - 4. Only tax payers can get the benefit of public goods.

Question ID : 26433066628
Status : Marked For Review
Chosen Option : 3

Q.4 Which of the following is a right under Article 300A?

- Ans
- 1. Right to freedom
 - 2. Right to life
 - 3. Right to property
 - 4. Right to education

Question ID : 26433064831
Status : Answered
Chosen Option : 3

Q.5 Which of the following is known as the world's wettest place?

- Ans
- 1. Waialeal
 - 2. Mumbai
 - 3. Mawsynram
 - 4. Singapore

Question ID : 26433066644
Status : Answered
Chosen Option : 3

Q.6 In September 2022, which legislative assembly withdrew a bill aimed at prohibiting the movement of stray cattle on roads and public places in urban areas of the state, months after it was passed?

- Ans
- 1. Andhra Pradesh
 - 2. Gujarat
 - 3. Uttar Pradesh
 - 4. Assam

Question ID : 264330105221
Status : Not Answered
Chosen Option : --

Q.7 Who became the Nawab of Bengal in 1756 after the death of Alivardi Khan?

- Ans 1. Siraj Ud Daulah
 2. Nigam Shaan
 3. Shaan Nawab
 4. Murshid Quli Khan

Question ID : 264330105556
Status : Answered
Chosen Option : 1

Q.8 An early temple at Bhitargaon, Uttar Pradesh was built about 1500 years ago was made of _____.

- Ans 1. wood
 2. mud brick
 3. clay and thatch
 4. baked brick

Question ID : 264330105203
Status : Not Answered
Chosen Option : --

Q.9 Which of the following is a famous folk dance of Odisha?

- Ans 1. Birha
 2. Ghoomar
 3. Kalbelia
 4. Rangabati

Question ID : 26433064377
Status : Marked For Review
Chosen Option : 4

Q.10 Which theory discusses the relationship between ligand bonding and degradation of d orbitals in metal complexes and the geometry of metal complexes and the splitting of d orbitals?

- Ans 1. Crystal field theory (CFT)
 2. Ligand field theory (LFT)
 3. Valence bond theory (VBT)
 4. Molecular orbital theory (MOT)

Question ID : 26433064077
Status : Not Answered
Chosen Option : --

Q.11 The West Bengal government has launched 'Paray Shikshalaya' programme. This initiative supports _____.

- Ans 1. open air classroom
 2. financial assistance for girl child
 3. blackboard distribution in every school
 4. higher education for class 10th students

Question ID : 264330105261
Status : Answered
Chosen Option : 1

Q.12 Which Indian musician performed 'Raga For Peace' at the 2014 Nobel Peace Prize Concert in Oslo?

- Ans
- 1. Bahadur Khan
 - 2. Amjad Ali Khan
 - 3. Buddhadev Das Gupta
 - 4. Satyaki Banerjee

Question ID : 26433072881
Status : Not Answered
Chosen Option : --

Q.13 Who has been appointed as the chairman of Defence Research and Development Organisation and in August 2022?

- Ans
- 1. Rajiv bahl
 - 2. Anil Chouhan
 - 3. Samir V Kamat
 - 4. Ranjit Rath

Question ID : 264330105325
Status : Answered
Chosen Option : 3

Q.14 An undifferentiated layer, _____, is present in between the ectoderm and the endoderm.

- Ans
- 1. Coeliea
 - 2. Acoelomea
 - 3. Ectinoglea
 - 4. Mesoglea

Question ID : 26433089688
Status : Not Answered
Chosen Option : --

Q.15 Developing place of settlement is called _____ .

- Ans
- 1. Home
 - 2. Site
 - 3. Plain
 - 4. Shelter

Question ID : 264330105589
Status : Marked For Review
Chosen Option : 4

Q.16 Which of the following is caused by exagenic force?

- Ans
- 1. Crosion
 - 2. Landslide
 - 3. Earthquake
 - 4. Volcano

Question ID : 264330105644
Status : Answered
Chosen Option : 1

Q.17 How many times has India hosted the ICC Men's Cricket World Cup (One Day)?

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

Question ID : 26433071377
Status : Not Answered
Chosen Option : --

Q.18 The first match of IPL 2022 was played in _____.

- Ans
- 1. Bengaluru
 - 2. Mumbai
 - 3. Kolkata
 - 4. Lucknow

Question ID : 26433071552
Status : Marked For Review
Chosen Option : 1

Q.19 In India initially HYVP was implemented in about how much area?

- Ans
- 1. 5 million hectares
 - 2. 3 million hectares
 - 3. 4 million hectares
 - 4. 2 million hectares

Question ID : 26433065453
Status : Not Answered
Chosen Option : --

Q.20 Which of the following greenhouse gases is most abundant in the atmosphere?

- Ans
- 1. Nitrous Oxide
 - 2. Water Vapour
 - 3. Methane
 - 4. Carbon Oxide

Question ID : 26433064457
Status : Marked For Review
Chosen Option : 4

Q.21 Who among the following was the best-known Chahamana ruler?

- Ans
- 1. Prithviraja III
 - 2. Vigraharaja II
 - 3. Prithviraja I
 - 4. Vasudeva

Question ID : 264330105413
Status : Marked For Review
Chosen Option : 3

Q.22 In which year was the Indian Parliamentary Group established?

- Ans 1. 1950
 2. 1949
 3. 1948
 4. 1951

Question ID : 26433064716
Status : **Not Answered**
Chosen Option : --

Q.23 The government of India initiated the comprehensive family planning programme in the year _____.

- Ans 1. 1960
 2. 1991
 3. 1972
 4. 1982

Question ID : 264330105496
Status : **Marked For Review**
Chosen Option : 3

Q.24 Which of the following revolts was led by Kanhu and Sidhu?

- Ans 1. Bheel Revolt
 2. Khasi Revolt
 3. Munda Revolt
 4. Santhal Revolt

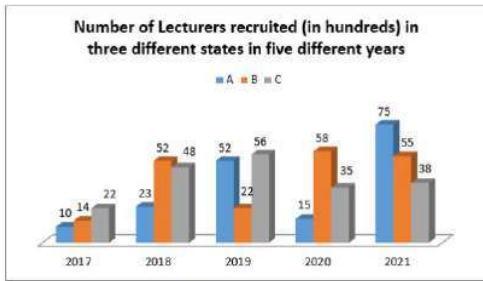
Question ID : 26433089144
Status : **Answered**
Chosen Option : 4

Q.25 Identify an example of diploblastic animals.

- Ans 1. Platyhelminthes
 2. Arachnids
 3. Chordates
 4. Coelenterates

Question ID : 26433087856
Status : **Not Answered**
Chosen Option : --

Q.1 Study the given graph and answer the following question.



The number of lecturers recruited in state A in the year 2017 was what percentage of the number of lecturers recruited in state B in the year 2019? (Correct to 2 decimal places)

- Ans
- 1. 42.50%
 - 2. 36.25%
 - 3. 45.45%
 - 4. 56.23%

Question ID : 26433081482
 Status : Answered
 Chosen Option : 3

Q.2 If $x^2 + y^2 + z^2 = xy + yz + zx$ and $x=1$, then find the value of $\frac{10x^4 + 5y^4 + 7z^4}{13x^2y^2 + 6y^2z^2 + 3z^2x^2}$.

- Ans
- 1. 2
 - 2. 0
 - 3. -1
 - 4. 1

Question ID : 26433063831
 Status : Answered
 Chosen Option : 4

Q.3 A cap having marked price ₹90 is sold for ₹68. What is the percent rate of discount (correct up to two decimal places)?

- Ans
- 1. 24.44%
 - 2. 25.37%
 - 3. 22.00%
 - 4. 23.22%

Question ID : 26433075548
 Status : Answered
 Chosen Option : 1

Q.4 If $\Delta ABC \sim \Delta QRP$, $\frac{ar(\Delta ABC)}{ar(\Delta QRP)} = \frac{9}{4}$, AB = 18 cm, BC = 15 cm, then the length of PR is:

- Ans
- 1. 16 cm
 - 2. 14 cm
 - 3. 10 cm
 - 4. 12 cm

Question ID : 26433075282
 Status : Answered
 Chosen Option : 3

Q.5 If $x + \frac{1}{2x} = 3$, then evaluate $8x^3 + \frac{1}{x^3}$.

- Ans
- 1. 212
 - 2. 216
 - 3. 180
 - 4. 196

Question ID : 26433076426
Status : Answered
Chosen Option : 1

Q.6 $\sqrt{\frac{1 + \sin A}{1 - \sin A}} = \underline{\hspace{2cm}}$

- Ans
- 1. $\operatorname{cosec} A - \cot A$
 - 2. $\sec A - \tan A$
 - 3. $\sec A + \tan A$
 - 4. $\sec A$

Question ID : 26433066398
Status : Answered
Chosen Option : 3

Q.7 Two tourist buses start from the same point and move along two roads at right angles at speeds of 48 km/h and 36 km/h, respectively. The distance between the buses after 15 seconds is _____.

- Ans
- 1. 175m
 - 2. 350m
 - 3. 250m
 - 4. 150m

Question ID : 26433091939
Status : Answered
Chosen Option : 3

Q.8 The table given below shows the earnings of two persons on five different days.

Days	Earnings	
	P	Q
Monday	105	150
Tuesday	96	110
Wednesday	65	122
Thursday	115	106
Friday	130	68

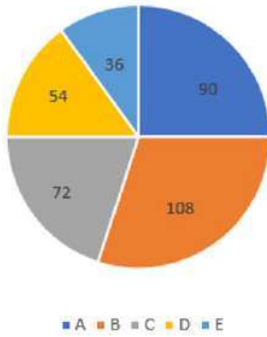
What is the ratio of total earnings of P to the total earnings of Q?

- Ans
- 1. 511 : 556
 - 2. 531 : 331
 - 3. 556 : 511
 - 4. 331 : 441

Question ID : 264330105754
Status : Answered
Chosen Option : 1

- Q.9** Five different companies, A, B, C, D and E, make robotic toys. The total number of robotic toys produced by these five companies is 8,00,000. The cost of production of each robotic toy is ₹5,000. The distribution of the total production is given by the following pie chart.

Angle given is in degrees



What is the total cost of production of the given item by companies A and E together?

- Ans**
- 1. ₹190 crores
 - 2. ₹85 crores
 - 3. ₹96 crores
 - 4. ₹140 crores

Question ID : 26433095014
Status : Answered
Chosen Option : 4

- Q.10** If $\triangle ABC \sim \triangle DEF$, and $BC = 4$ cm, $EF = 5$ cm and the area of triangle $ABC = 80$ cm², then the area of the triangle DEF is:

- Ans**
- 1. 169 cm²
 - 2. 80 cm²
 - 3. 144 cm²
 - 4. 125 cm²

Question ID : 26433075901
Status : Answered
Chosen Option : 4

- Q.11** A certain sum amounts to ₹3,640 in 2 years and ₹4,060 in 8 years at simple interest. Find the approximate rate percentage per annum?

- Ans**
- 1. 4%
 - 2. 2%
 - 3. 1%
 - 4. 3%

Question ID : 26433082614
Status : Answered
Chosen Option : 2

Q.12 If $\cot \theta = 6$, then the value of $\frac{\sin \theta + \cos \theta}{\sin \theta - \cos \theta}$ is:

- Ans
- 1. 1.12
 - 2. 2.7
 - 3. 3.2
 - 4. 4.5

Question ID : 26433062673
Status : Answered
Chosen Option : 2

Q.13 The following chart shows the scores of employees in a company's annual performance.



What is the percentage of Kartik's score out of the total score of all the employees?

- Ans
- 1. 23.14%
 - 2. 30%
 - 3. 22%
 - 4. 20%

Question ID : 26433082520
Status : Answered
Chosen Option : 4

Q.14 Three cubes of equal volume are joined end to end. Find the surface area of the resulting cuboid if the diagonal of the cube is $6\sqrt{3}$ cm.

- Ans
- 1. 509 cm²
 - 2. 504 cm²
 - 3. 516 cm²
 - 4. 512 cm²

Question ID : 26433065027
Status : Answered
Chosen Option : 2

Q.15 If $\tan A = \frac{5}{12}$, then the value of $\cos A =$ _____.

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

Question ID : 26433066400
Status : Answered
Chosen Option : 4

Q.16 The LCM of the two numbers is 4104 and the HCF is 9. If one of the numbers is 171, find the other.

- Ans
- 1. 218
 - 2. 215
 - 3. 220
 - 4. 216

Question ID : 26433075111
Status : Answered
Chosen Option : 4

Q.17 If $x^2 - 2xy = 84$ and $x - y = -10$, then the value of y is:

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

Question ID : 26433075845
Status : Answered
Chosen Option : 3

Q.18 There are 3 taps A, B, and C in a tank. These can fill the tank in 10 hours, 20 hours and 25 hours, respectively. At first, all three taps are opened simultaneously. After 2 hours, tap C is closed and A and B keep running. After 4 hours from the beginning, tap B is also closed. The remaining tank is filled by tap A alone. Find the percentage of work done by tap A itself.

- Ans
- 1. 32%
 - 2. 75%
 - 3. 52%
 - 4. 72%

Question ID : 26433076049
Status : Answered
Chosen Option : 4

Q.19 Prasad goes 96 kilometres on a bike at a speed of 16 km/h, 124 kilometres at 31 km/h in a car, and 105 kilometres at 7 km/h in a horse cart. Find his average speed for the entire distance travelled.

- Ans
- 1. 16 km/h
 - 2. 13 km/h
 - 3. 17 km/h
 - 4. 11 km/h

Question ID : 26433065265
Status : Answered
Chosen Option : 2

Q.20 Apples were purchased at 100 for Rs.350 and sold at Rs.48 a dozen. What is the profit or loss percentage?

- Ans
- 1. Profit $14\frac{2}{7}\%$
 - 2. Loss $18\frac{3}{5}\%$
 - 3. Loss 10%
 - 4. Profit 12%

Question ID : 26433065271
Status : Answered
Chosen Option : 1

Q.21 In a $\triangle ABC$, $AB = BC$, and P, Q and R are the mid points of the sides AB, BC and AC, respectively. If $PR = 5$ cm, then find the length of QR.

- Ans
- 1. 5 cm
 - 2. 2 cm
 - 3. 7 cm
 - 4. 4 cm

Question ID : 26433074479
Status : Answered
Chosen Option : 1

Q.22 Two numbers are in the ratio of 5 : 7. If 6 be added to each, the ratio becomes 3 : 4. Find the numbers.

- Ans
- 1. 30, 42
 - 2. 55, 88
 - 3. 10, 16
 - 4. 25, 40

Question ID : 26433063873
Status : Answered
Chosen Option : 1

Q.23 During the first year, the population of a town increased by 12%. The next year, due to some contagious disease, it decreased by 8%. At the end of the second year, the population was 64,400. Find the population of the town at beginning of the first year.

- Ans
- 1. 50,000
 - 2. 54,750
 - 3. 62,500
 - 4. 50,500

Question ID : 26433074333
Status : Answered
Chosen Option : 3

Q.24 If the 9-digit number 83P93678Q is divisible by 72, then what is the value of $\sqrt{P^2 + Q^2 + 12}$?

- Ans
- 1. 6
 - 2. 7
 - 3. 8
 - 4. 9

Question ID : 26433075461
Status : Answered
Chosen Option : 3

Q.25 Three circles of radius 4 cm are kept touching each other. The string is tightly tied around these three circles. What is the length of the string?

- Ans
- 1. $24 + 8\pi$ cm
 - 2. $24\pi + 16$ cm
 - 3. $32 + 16\pi$ cm
 - 4. $24 + 18\pi$ cm

Question ID : 264330105864
Status : Answered
Chosen Option : 1

Section : English Comprehension

Q.1 Select the correct passive form of the given sentence.
The department conferred a scholarship to Kailash.

- Ans
- 1. A scholarship had been conferred to Kailash by the department.
 - 2. A scholarship is being conferred to Kailash by the department.
 - 3. A scholarship was conferred to Kailash by the department.
 - 4. A scholarship has been conferred in Kailash by the department.

Question ID : 264330104571
Status : Answered
Chosen Option : 3

Q.2 Select the correct indirect form of the given sentence.
Madhurima explained, "I am planning to quit my graduation."

- Ans
- 1. Madhurima explained that she were planning to quit her graduation.
 - 2. Madhurima explained that she planned to quit her graduation.
 - 3. Madhurima explained that she was planning to quit her graduation.
 - 4. Madhurima explained that she had been planning to quit her graduation.

Question ID : 264330104620
Status : Answered
Chosen Option : 3

Q.3 Select the INCORRECTLY spelt word.

Ans 1. Dimolish

2. Conduct

3. Biopic

4. Handful

Question ID : 26433063138

Status : Answered

Chosen Option : 1

Q.4 Select the most appropriate ANTONYM of the underlined word.

The Government ruthlessly decided to force its citizens to pay taxes even during famine.

Ans 1. Leniently

2. Indifferently

3. Unscrupulously

4. Tyrannically

Question ID : 26433070526

Status : Answered

Chosen Option : 1

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Mother ordered John to switch on the light as it was time to sleep.

Ans 1. to switch of the light

2. to switch in the light

3. to switch off the light

4. to switch out the light

Question ID : 26433084639

Status : Answered

Chosen Option : 3

Q.6 Select the word that is OPPOSITE in meaning to the given word.

Cease

Ans 1. Origin

2. Halt

3. Produce

4. Begin

Question ID : 26433060593

Status : Answered

Chosen Option : 4

Q.7 Select the option that contains a grammatical error in the underlined portion.

There are no tables at the classroom.

- Ans
- 1. There are no tables at the classroom.
 - 2. There are no tables at the classroom.
 - 3. There are no tables at the classroom.
 - 4. There are no tables at the classroom.

Question ID : 26433088585
Status : Answered
Chosen Option : 4

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

In hot waters

- Ans
- 1. To be in trouble
 - 2. To dip in hot water
 - 3. To be in a hot climate
 - 4. To feel relaxed

Question ID : 26433072218
Status : Answered
Chosen Option : 1

Q.9 Select the most appropriate collocation to substitute the underlined word in the given sentence.

The intern should take a right choice in choosing the right job for her.

- Ans
- 1. rake a right choice
 - 2. make a right choice
 - 3. fix a right choice
 - 4. take the right choice

Question ID : 26433074007
Status : Answered
Chosen Option : 2

Q.10 Select the option that is similar in meaning to the underlined word.

No plausible explanation could be found for her disappearance.

- Ans
- 1. Just
 - 2. Legal
 - 3. Credible
 - 4. Useless

Question ID : 26433060589
Status : Answered
Chosen Option : 3

Q.11 Select the idiom from the given options that gives the most appropriate meaning of the highlighted text in the following sentence.

The announcement of the new tourism policy of the government has made some people excited or interested.

- Ans
- 1. Pull out all the stops
 - 2. Run around in circles
 - 3. Quicken the pulse
 - 4. Reach for the moon

Question ID : 26433070448
Status : Answered
Chosen Option : 3

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

An excessively intense desire for returning to past or lost conditions

- Ans
- 1. Affection
 - 2. Glitterati
 - 3. Nostalgia
 - 4. Paranoia

Question ID : 26433073456
Status : Answered
Chosen Option : 3

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

The act of killing one's mother

- Ans
- 1. Regicide
 - 2. Homicide
 - 3. Uxoricide
 - 4. Matricide

Question ID : 26433071766
Status : Answered
Chosen Option : 4

Q.14 Select the correct active form of the given sentence.
This game will not be played by you.

- Ans
- 1. You will not play this game.
 - 2. You will not be playing this game.
 - 3. You could not play this game.
 - 4. You had not play this game.

Question ID : 264330104576
Status : Answered
Chosen Option : 1

Q.15 Rearrange the parts of the sentence in correct order.

We are encouraged

P. help accelerate their return to

Q. by how women are embracing online

R. work and promote economic mobility

S. learning to develop new skills that can

Ans 1. QSPR

2. PSQR

3. PRQS

4. SPRQ

Question ID : 264330104651

Status : Answered

Chosen Option : 1

Q.16 Select the most appropriate synonym of the given word.

Wrathful

Ans 1. Pleased

2. Amiable

3. Furious

4. Cordial

Question ID : 26433071875

Status : Answered

Chosen Option : 3

Q.17 Select the INCORRECTLY spelt word in the following sentence.

Ratan is such an efficient sergeant that he doesn't need to imbibe any artillery craftmanship.

Ans 1. artillery

2. efficient

3. craftmanship

4. sergeant

Question ID : 26433066421

Status : Marked For Review

Chosen Option : 4

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence.

Biden write a letter to the Russian President to restrain from war.

Ans 1. writes a letter

2. wrote a letter

3. write a good letter

4. writing a surprise letter

Question ID : 26433085583

Status : Answered

Chosen Option : 2

Q.19 Select the sentence with the appropriate use of preposition.

- Ans 1. We have been playing for 4 o'clock.
 2. We have been playing from 4 o'clock.
 3. We have been playing to 4 o'clock.
 4. We have been playing since 4 o'clock.

Question ID : 26433073895
Status : Answered
Chosen Option : 4

Q.20 Select the most appropriate option to fill in the blank.

I looked at her face and found she was getting disturbed. I decided to drop that

_____.

- Ans 1. product
 2. chance
 3. subject
 4. pride

Question ID : 26433089029
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.

A robot is a mechanical or virtual artificial agent, usually an electromechanical machine that is (1)_____ by a computer programme or electronic circuitry. In general, robots can be autonomous or semi-autonomous and are now used in different fields. They have replaced (2)_____ in performing repetitive and dangerous tasks which humans prefer not to do, or are unable to do because of size limitations, or which take place in extreme (3)_____ such as outer space or the bottom of the sea. For instance, robots can now be used in industry, as in car manufacturing, or they can be used in homes to do the (4)_____. Some robots may respond to speech or even be medical operating tools. There are concerns about the increasing use of robots and their role in society. Robots are blamed for the rising (5)_____ as they replace workers in increasing numbers of functions.

SubQuestion No : 21

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

- Ans 1. included
 2. chased
 3. guided
 4. challenged

Question ID : 26433086398
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.

A robot is a mechanical or virtual artificial agent, usually an electromechanical machine that is (1)_____ by a computer programme or electronic circuitry. In general, robots can be autonomous or semi-autonomous and are now used in different fields. They have replaced (2)_____ in performing repetitive and dangerous tasks which humans prefer not to do, or are unable to do because of size limitations, or which take place in extreme (3)_____ such as outer space or the bottom of the sea. For instance, robots can now be used in industry, as in car manufacturing, or they can be used in homes to do the (4)_____. Some robots may respond to speech or even be medical operating tools. There are concerns about the increasing use of robots and their role in society. Robots are blamed for the rising (5)_____ as they replace workers in increasing numbers of functions.

SubQuestion No : 22

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

- Ans 1. machines
 2. humans
 3. agents
 4. toys

Question ID : 26433086399
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.

A robot is a mechanical or virtual artificial agent, usually an electromechanical machine that is (1)_____ by a computer programme or electronic circuitry. In general, robots can be autonomous or semi-autonomous and are now used in different fields. They have replaced (2)_____ in performing repetitive and dangerous tasks which humans prefer not to do, or are unable to do because of size limitations, or which take place in extreme (3)_____ such as outer space or the bottom of the sea. For instance, robots can now be used in industry, as in car manufacturing, or they can be used in homes to do the (4)_____. Some robots may respond to speech or even be medical operating tools. There are concerns about the increasing use of robots and their role in society. Robots are blamed for the rising (5)_____ as they replace workers in increasing numbers of functions.

SubQuestion No : 23

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

- Ans 1. beauty
 2. pattern
 3. enjoyment
 4. environments

Question ID : 26433086400
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.

A robot is a mechanical or virtual artificial agent, usually an electromechanical machine that is (1)_____ by a computer programme or electronic circuitry. In general, robots can be autonomous or semi-autonomous and are now used in different fields. They have replaced (2)_____ in performing repetitive and dangerous tasks which humans prefer not to do, or are unable to do because of size limitations, or which take place in extreme (3)_____ such as outer space or the bottom of the sea. For instance, robots can now be used in industry, as in car manufacturing, or they can be used in homes to do the (4)_____. Some robots may respond to speech or even be medical operating tools. There are concerns about the increasing use of robots and their role in society. Robots are blamed for the rising (5)_____ as they replace workers in increasing numbers of functions.

SubQuestion No : 24

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

- Ans 1. network
 2. housework
 3. software
 4. handwork

Question ID : 26433086401
Status : **Marked For Review**
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.

A robot is a mechanical or virtual artificial agent, usually an electromechanical machine that is (1)_____ by a computer programme or electronic circuitry. In general, robots can be autonomous or semi-autonomous and are now used in different fields. They have replaced (2)_____ in performing repetitive and dangerous tasks which humans prefer not to do, or are unable to do because of size limitations, or which take place in extreme (3)_____ such as outer space or the bottom of the sea. For instance, robots can now be used in industry, as in car manufacturing, or they can be used in homes to do the (4)_____. Some robots may respond to speech or even be medical operating tools. There are concerns about the increasing use of robots and their role in society. Robots are blamed for the rising (5)_____ as they replace workers in increasing numbers of functions.

SubQuestion No : 25

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

- Ans 1. unemployment
 2. peace
 3. social issues
 4. corruption

Question ID : 26433086402
Status : **Answered**
Chosen Option : 1

Combined Graduate Level Examination Tier I 2022

Roll Number	www.HaryanaJobs.in
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Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2022

Section : General Intelligence and Reasoning

Q.1 By interchanging the given two signs and numbers which of the following equation will be not correct?

× and ÷, 2 and 6

I. $7 - 4 \times 3 \div 6 + 2 = 8$

II. $6 - 8 \times 2 + 9 \div 3 = 5$

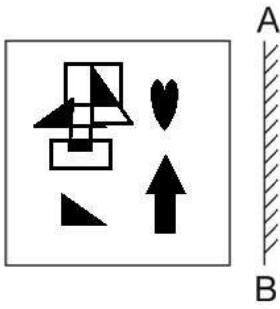
- Ans
- 1. Only II
 - 2. Neither I nor II
 - 3. Only I
 - 4. Both I and II

Question ID : 264330105148

Status : Answered

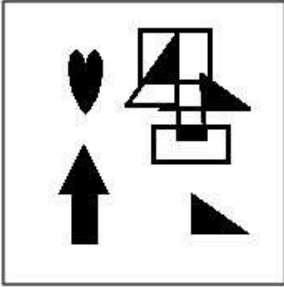
Chosen Option : 2

Q.2 Select the correct mirror image of the given figure when the mirror is placed at AB as shown.

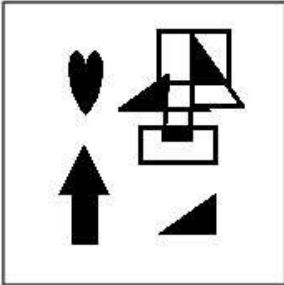


Ans

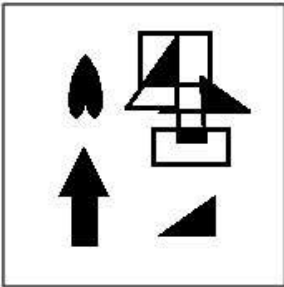
✗ 1.



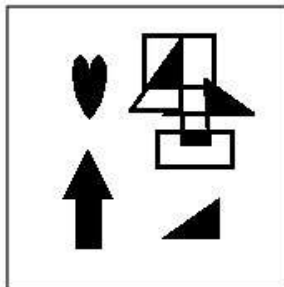
✗ 2.



✗ 3.



✓ 4.



Question ID : 26433070436
 Status : Answered
 Chosen Option : 4

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)
(70, 14, 56)
(88, 30, 58)

- Ans 1. (44, 24, 23)
 2. (59, 36, 25)
 3. (52, 19, 33)
 4. (38, 16, 24)

Question ID : 26433070240
Status : Answered
Chosen Option : 3

Q.4 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.
 $8 : 128 :: 6 : ? :: 11 : 242$

- Ans 1. 64
 2. 72
 3. 68
 4. 70

Question ID : 26433067901
Status : Answered
Chosen Option : 2

Q.5 After interchanging the given two numbers and two signs what will be the values of equation (I) and (II) respectively?
– and ×, 6 and 4
I. $7 \times 6 + 8 \div 2 - 4$
II. $4 - 7 \times 6 + 8 \div 2$

- Ans 1. 27, 42
 2. 27, 47
 3. 27, 49
 4. 25, 40

Question ID : 264330105156
Status : Answered
Chosen Option : 1

Q.6 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. Some F are D.

II. No A is D.

Conclusion:

I. Some F are A.

II. No D is A.

III. Some F are not A.

- Ans 1. Neither conclusion follows
 2. Both conclusions II and III follows
 3. Only conclusion I follows
 4. Only conclusion III follows

Question ID : 264330104929
Status : Answered
Chosen Option : 2

Q.7 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.

7 : 25 :: 4 : 4 :: 3 : ?

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

Question ID : 26433067654

Status : Not Answered

Chosen Option : --

Q.8 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1- Sennet
- 2- Sennight
- 3- Sennit
- 4- Seniority
- 5- Senna

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

Question ID : 26433079449

Status : Answered

Chosen Option : 1

Q.9 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.)

Movie : Director :: Orchestra : ?

- Ans
- 1. Choreographer
 - 2. Conductor
 - 3. Dancer
 - 4. Audience

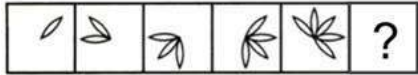
Question ID : 26433056808

Status : Answered

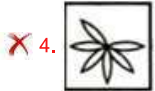
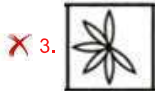
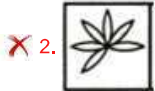
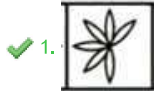
Chosen Option : 2

Q.10 Select the figure from among the given options that can replace the question mark

(?) in the following series.



Ans

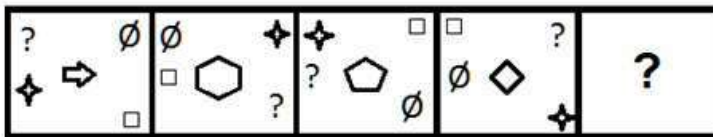


Question ID : 26433080509

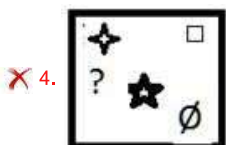
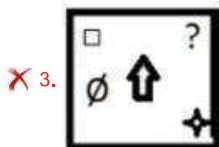
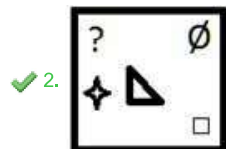
Status : Answered

Chosen Option : 1

Q.11 Select the figure that will come next in the following figure series.



Ans



Question ID : 26433068973

Status : Answered

Chosen Option : 2

Q.12 Which of the following terms will replace the question mark (?) in the given series?

AVTE CTRG ERPI GPNK ?

- Ans
- 1. INLM
 - 2. MINL
 - 3. ILNM
 - 4. INJM

Question ID : 26433085328
Status : Answered
Chosen Option : 1

Q.13 If $A \div B$ means that A is the brother of B, $A \times B$ means that A is the sister of B, $A - B$ means that A is the father of B then which of the following expression shows that P is the paternal uncle of R?

- Ans
- 1. $P - R \div Q$
 - 2. $P \div R \times Q$
 - 3. $P \times R - Q$
 - 4. $P \div R - Q$

Question ID : 264330105008
Status : Answered
Chosen Option : 4

Q.14 Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?

$$(6)^2 - 20 + (28 \div 7) - [(\sqrt{4}) \times 8] + (2)^2 = 40$$

- Ans
- 1. 6 and 8
 - 2. 7 and 2
 - 3. 2 and 8
 - 4. 20 and 8

Question ID : 26433069212
Status : Answered
Chosen Option : 1

Q.15 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

GORGE8US



- Ans
- 1. 2U8E9R0G
 - 2. 2U0E9R8G
 - 3. 2U9E0R0G
 - 4. 2U8E9R8G

Question ID : 26433067823
Status : Answered
Chosen Option : 1

Q.16 A + B means 'A is the father of B'
 A - B means 'A is the mother of B'
 A % B means 'A is the brother of B'
 A # B means 'A is the daughter of B'
 If P + Q % R % S # T - U , then how is Q related to U?

- Ans 1. Brother
 2. Brother-in-law
 3. Father
 4. Son

Question ID : 26433059906
 Status : Answered
 Chosen Option : 1

Q.17 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some ships are cups.

No cup is a stool.

All windows are cups.

Conclusions:

I. Some ships being windows is a possibility.

II. No window is a stool.

III. All cups are windows.

IV. No ship is a stool.

- Ans 1. Only Conclusions I, II and IV follow
 2. Only Conclusions II and III follow
 3. Only Conclusions I and II follow
 4. Only Conclusion I follows

Question ID : 26433070351
 Status : Answered
 Chosen Option : 3

Q.18 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '5'.

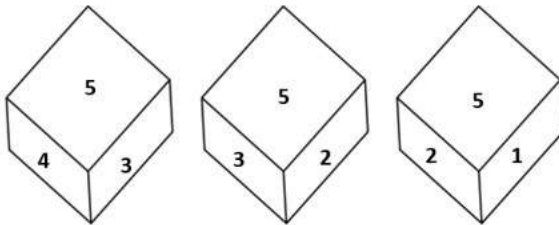


Figure 1

Figure 2

Figure 3

- Ans 1. 2
 2. 1
 3. 6
 4. 3

Question ID : 26433069435
 Status : Answered
 Chosen Option : 3

Q.19 In a certain code language, 'CHILDREN' is written as 'FKLOGUHQ' and 'SCHOOL' is written as 'VFKRRO', how will 'CLASSROOM' be written in that language?

- Ans
- 1. EMCTTTQQO
 - 2. EMCTTURRP
 - 3. FOEWWURRP
 - 4. FODVVURRP

Question ID : 26433067767
Status : Answered
Chosen Option : 4

Q.20 In the following question, select the missing number from the given series.
41, 54, 67, 80, 93, ?

- Ans
- 1. 106
 - 2. 108
 - 3. 105
 - 4. 110

Question ID : 264330105024
Status : Answered
Chosen Option : 1

Q.21 In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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. 17 – 31
 - 2. 13 – 25
 - 3. 15 – 27
 - 4. 9 – 15

Question ID : 264330105063
Status : Answered
Chosen Option : 2

Q.22 In a certain code language, 'INBOX' is written as 'MRYCL' and 'EMAIL' is written as 'NVZOR'. How will 'DRAFT' be written in that language?

- Ans
- 1. UGZWI
 - 2. WIZGU
 - 3. IWZGU
 - 4. IWGZU

Question ID : 26433067340
Status : Answered
Chosen Option : 3

Q.23 Three of the following four letter-clusters are alike in a certain way and one is different.
Pick the odd one out.

- Ans 1. TQR
 2. MJK
 3. IFG
 4. NKI

Question ID : 26433069013
Status : Answered
Chosen Option : 4

Q.24 Which of the following letter-clusters will replace the question mark (?) and complete the following letter-cluster series?
LE, OJ, UO, DT, ?

- Ans 1. PZ
 2. QY
 3. PX
 4. PY

Question ID : 26433067274
Status : Answered
Chosen Option : 4

Q.25 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.
GAIN : HBKP :: ACHE : BDJG :: CAKE : ?

- Ans 1. DBNH
 2. DBMH
 3. DBNG
 4. DBMG

Question ID : 26433068515
Status : Answered
Chosen Option : 4

Section : General Awareness

Q.1 Earth's core is mainly made up of _____.

- Ans 1. nickel and copper
 2. nickel and alumina
 3. nickel and iron
 4. nickel and magnesium

Question ID : 264330105640
Status : Answered
Chosen Option : 3

Q.2 The subject of the Study of Macro Economics is based on which principle?

- Ans 1. The principle of National Income
 2. The principle of Consumer
 3. The principle of Producer
 4. The principle of Investment

Question ID : 26433065430
Status : Answered
Chosen Option : 1

Q.3 Who has been appointed as new National e-Governance Division CEO in March 2022?

- Ans
- 1. Nitin Chugh
 - 2. Rajiv Kumar
 - 3. Abhishek Singh
 - 4. TS Ramakrishnan

Question ID : 264330105334
Status : Not Answered
Chosen Option : --

Q.4 The Durga temple at Aihole, built about _____ years ago.

- Ans
- 1. 1700
 - 2. 2000
 - 3. 1100
 - 4. 1400

Question ID : 264330105204
Status : Answered
Chosen Option : 4

Q.5 According to the Brihat Samhita, what do you call the process of making scents, mouth perfumes and bath powders?

- Ans
- 1. Jatuka
 - 2. Gandhayukli
 - 3. Kamplcica
 - 4. Pattanga

Question ID : 26433086754
Status : Not Answered
Chosen Option : --

Q.6 Which organic compound has the structure R-COOH, with R referring to the alkyl, alkenyl, aryl, or other group?

- Ans
- 1. Carboxylic acid
 - 2. Ester
 - 3. Ketone
 - 4. Aldehydes

Question ID : 26433092182
Status : Answered
Chosen Option : 1

Q.7 Which Article of the Constitution of India authorises the President to seek the opinion of the Supreme Court in specific categories of matters?

- Ans
- 1. Article 144
 - 2. Article 145
 - 3. Article 142
 - 4. Article 143

Question ID : 26433064721
Status : Answered
Chosen Option : 1

Q.8 The 'flag-raising' ceremony by the Prime Minister of India on Independence Day is held at which of the following places in Delhi?

- Ans
- 1. Old Fort
 - 2. Parliament House
 - 3. Rashtrapati Bhavan
 - 4. Red Fort

Question ID : 26433071487
Status : Answered
Chosen Option : 4

Q.9 The British Parliament transferred the powers of the East India company to the British crown in _____.

- Ans
- 1. 1856
 - 2. 1858
 - 3. 1854
 - 4. 1860

Question ID : 264330105575
Status : Answered
Chosen Option : 2

Q.10 According to census 2001, sex ratio is _____ females per 1000 males.

- Ans
- 1. 943
 - 2. 923
 - 3. 933
 - 4. 913

Question ID : 264330105528
Status : Answered
Chosen Option : 3

Q.11 The Central Universities (Amendment) Bill, 2022 was passed in Lok Sabha in _____.

- Ans
- 1. August
 - 2. July
 - 3. November
 - 4. September

Question ID : 264330105245
Status : Not Answered
Chosen Option : --

Q.12 Which city is called the 'Manchester of India'?

- Ans
- 1. Ludhiana
 - 2. Visakhapatnam
 - 3. Hyderabad
 - 4. Ahmedabad

Question ID : 264330105617
Status : Answered
Chosen Option : 4

Q.13 Which of the following is used in photography?

- Ans 1. Sodium bicarbonate
 2. Sodium thiosulphate
 3. Sodium hydroxide
 4. Sodium sulphate

Question ID : 26433066465
Status : **Not Answered**
Chosen Option : --

Q.14 Who among the following rulers appointed Ladha and Pira, two gardeners to high administrative post?

- Ans 1. Khizr Khan
 2. Muhammad Tughluq
 3. Bahlul Lodi
 4. Iltutmish

Question ID : 264330105427
Status : **Not Answered**
Chosen Option : --

Q.15 Pivoting is related to which of the following sports?

- Ans 1. Hockey
 2. Volleyball
 3. Badminton
 4. Basketball

Question ID : 26433059426
Status : **Answered**
Chosen Option : 2

Q.16 Who has been appointed as the country's second Chief of Defence Staff (CDS)?

- Ans 1. Anil Chauhan
 2. Manoj Kumar
 3. R Dinesh
 4. Sanjay Agarwal

Question ID : 264330105252
Status : **Answered**
Chosen Option : 1

Q.17 In all AIBA Boxing competitions, the rest time between each round is _____ minutes.

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

Question ID : 26433059433
Status : **Answered**
Chosen Option : 2

Q.18 To safeguard public property and to abjure violence is a _____ in the Indian Constitution.

- Ans
- 1. fundamental duty
 - 2. social ethic
 - 3. fundamental right
 - 4. directive principle of state policy

Question ID : 26433086784
Status : Answered
Chosen Option : 1

Q.19 In honour of an Indian musician, the US state of Massachusetts proclaimed 20 April as _____ in 1984.

- Ans
- 1. Sakhawat Hussain Day
 - 2. Sharan Rani Backliwal Day
 - 3. Amjad Ali Khan Day
 - 4. Allauddin Khan Day

Question ID : 26433071496
Status : Not Answered
Chosen Option : --

Q.20 Rukmini Devi Arundale is the exponent of which of the following Indian classical dance forms?

- Ans
- 1. Bharatanatyam
 - 2. Manipuri
 - 3. Sattriya
 - 4. Odissi

Question ID : 26433064653
Status : Not Answered
Chosen Option : --

Q.21 In which group are the non-metal elements placed in a vertical column on the right side of the periodic table?

- Ans
- 1. Group 1
 - 2. Group 2
 - 3. Group 17
 - 4. Group 3

Question ID : 26433089686
Status : Answered
Chosen Option : 3

Q.22 _____ measures the aggregate production of final goods and services taking place within the domestic economy during a year.

- Ans
- 1. Gross National income
 - 2. Gross domestic product
 - 3. Net national product
 - 4. National income at factor price

Question ID : 264330105360
Status : Answered
Chosen Option : 2

Q.23 Nuts, vegetable oil and fish are good source of which of the following?

- Ans 1. Carbohydrates
 2. Minerals
 3. Healthy fats
 4. Proteins

Question ID : 26433071440
Status : Answered
Chosen Option : 4

Q.24 In which of the following years was the Indian National Congress split into two groups named as Moderates and Extremists?

- Ans 1. 1895
 2. 1899
 3. 1907
 4. 1904

Question ID : 26433089146
Status : Answered
Chosen Option : 3

Q.25 Who among the following contemporary style dancers was the first Indian dancer to receive the dance WEB Europe Scholarship? He/She also won the 2002 American Choreography Award for his/her work in the movie 'Lagaan'?

- Ans 1. Terence Lewis
 2. Ashley Lobo
 3. Padmini Chettur
 4. Shakti Mohan

Question ID : 26433074837
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 Find the number of common tangents, if $r_1 + r_2 = C_1C_2$. (With usual notations, r_1 & r_2 and C_1 & C_2 are the radii and centres of the two circles.)

- Ans 1. 1
 2. 0
 3. 3
 4. 4

Question ID : 26433074351
Status : Answered
Chosen Option : 3

Q.2 Which of the following pairs of non-zero values of p and q make 6-digit number 674ppq0 divisible by both 3 and 11?

- Ans 1. p = 2 and q = 2
 2. p = 5 and q = 4
 3. p = 4 and q = 2
 4. p = 5 and q = 2

Question ID : 26433074978
Status : Answered
Chosen Option : 4

Q.3 A policeman saw a thief from a distance of 450 m. When the policeman started chasing him, the thief also started running. The ratio of speeds of the thief to the policeman is 7 : 8. After running how much distance (in km) can the policeman catch the thief?

- Ans
- 1. 3.75
 - 2. 3.4
 - 3. 3.6
 - 4. 3.15

Question ID : 26433075200
Status : Answered
Chosen Option : 3

Q.4 The length of the side of a cube is 5.6 cm. What is the volume of the largest sphere that can be taken out of the cube?

- Ans
- 1. 91.98 cm³
 - 2. 99.96 cm³
 - 3. 96.98 cm³
 - 4. 90.69 cm³

Question ID : 264330105884
Status : Answered
Chosen Option : 1

Q.5 The curved surface area of the sphere is 154 cm². Find the volume of the sphere (rounded off to one digit after decimal).

- Ans
- 1. 156.9 cm³
 - 2. 179.7 cm³
 - 3. 161.1 cm³
 - 4. 147.8 cm³

Question ID : 26433063969
Status : Answered
Chosen Option : 2

Q.6 If $x + \frac{1}{x} = -14$, and $x < -1$, what will be the value of $x^2 - \frac{1}{x^2}$?

- Ans
- 1. $-112\sqrt{3}$
 - 2. $112\sqrt{3}$
 - 3. $-140\sqrt{2}$
 - 4. $140\sqrt{2}$

Question ID : 26433075305
Status : Answered
Chosen Option : 1

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

The table shows the number of donuts sold by three different stores in five different months.

Store	Month				
	July	August	September	October	November
P	400	350	263	125	420
Q	660	170	465	905	180
R	342	182	700	960	235

What is the ratio of the total number of donuts sold by stores P and R together in October to the total number of donuts sold by stores Q and R together in the same month?

- Ans
- 1. 353 : 217
 - 2. 217 : 373
 - 3. 373 : 217
 - 4. 217 : 353

Question ID : 26433083055
Status : Answered
Chosen Option : 2

Q.8 0.5 is what percentage of 20?

- Ans
- 1. 25%
 - 2. 0.25%
 - 3. 2.5%
 - 4. 0.025%

Question ID : 26433075142
Status : Answered
Chosen Option : 3

Q.9 In triangle ABC, AD is the angle bisector of angle A. If AB = 8.4 cm and AC = 5.6 cm and DC = 2.8 cm, then the length of side BC will be:

- Ans
- 1. 4.2 cm
 - 2. 5.6 cm
 - 3. 7 cm
 - 4. 2.8 cm

Question ID : 26433075899
Status : Answered
Chosen Option : 3

Q.10 A hotel is giving a discount of 12% on the booking of 2 or more rooms. Additionally, the hotel is offering a 5% discount only on payment using any card of SBI. Rakesh booked 2 rooms in the hotel for a day at the rate of Rs.1,500 per room per day. While checking out, he paid the bill using SBI Silver Card. How much amount did he have to pay?

- Ans
- 1. Rs.2,498
 - 2. Rs.1,254
 - 3. Rs.2,508
 - 4. Rs.2,618

Question ID : 26433075065
Status : Answered
Chosen Option : 2

Q.11 R jogs at twice the speed of walking and runs at twice the speed of jogging. From his home to office, he covers half of the distance by walking and the rest by jogging. From his office to home, he covers half the distance jogging and the rest by running. What is his average speed (in km/h) in a complete round from his home to office and back home if the distance between his office and home is 10 km and he walks at the speed of 5 km/h?

- Ans
- 1. $\frac{90}{8}$
 - 2. $\frac{60}{8}$
 - 3. $\frac{60}{9}$
 - 4. $\frac{80}{9}$

Question ID : 26433071245
Status : Answered
Chosen Option : 4

Q.12 The ratio of the present ages of Ram and Ramesh is 3 : 5. After 7 years the ratio of their ages will be 4 : 5. Find the present age of Ramesh.

- Ans
- 1. 5 years
 - 2. 15 years
 - 3. 7 years
 - 4. 12 years

Question ID : 26433064984
Status : Answered
Chosen Option : 3

Q.13 If $k^4 + \frac{1}{k^4} = 47$, then what is the value of $k^3 + \frac{1}{k^3}$?

- Ans
- 1. 4.5
 - 2. 54
 - 3. 18
 - 4. 9

Question ID : 264330105955
Status : Answered
Chosen Option : 3

Q.14 Ram sold a plot for Rs.4,00,000 at a 20% loss. For what price should he sell the plot to gain a 5% profit?

- Ans
- 1. Rs.5,25,000
 - 2. Rs.5,20,000
 - 3. Rs.5,00,000
 - 4. Rs.5,05,000

Question ID : 26433063469
Status : Answered
Chosen Option : 1

Q.15 The HCF of two numbers 110 and 1980 is:

- Ans 1. 140
 2. 110
 3. 120
 4. 180

Question ID : 26433079816

Status : Answered

Chosen Option : 2

Q.16 The simplified form of $(x + 2y)^3 + (x - 2y)^3$ is:

- Ans 1. $2x^3 + 24xy^2$
 2. $2x^3 - 24xy^2$
 3. $x^3 - 8y^3$
 4. $x^3 + 8y^3$

Question ID : 26433076343

Status : Answered

Chosen Option : 1

Q.17 In how much time will a sum of Rs. 5250 amounts to Rs. 9870 at the rate of 11 percent per annum at simple interest?

- Ans 1. 8 years
 2. 14 years
 3. 12 years
 4. 15 years

Question ID : 264330105672

Status : Answered

Chosen Option : 1

Q.18 The table given below shows the production of bike and truck by five companies.

Companies	Production	
	Bike	Truck
G	800	600
H	550	400
I	600	300
J	350	700
K	400	750

What is the ratio of the production of truck by company H and I together to the production bike by company J and K together?

- Ans 1. 14 : 17
 2. 15 : 14
 3. 14 : 19
 4. 14 : 15

Question ID : 264330105740

Status : Answered

Chosen Option : 4

Q.19 If $\sin \theta + \cos \theta = \frac{\sqrt{3}-1}{2\sqrt{2}}$, then what is the value of $\tan \theta + \cot \theta$?

- Ans
- 1. $8(\sqrt{3}-2)$
 - 2. $12(\sqrt{3}-2)$
 - 3. $12(\sqrt{3}+2)$
 - 4. $8(\sqrt{3}+2)$

Question ID : 26433063824
Status : Answered
Chosen Option : 1

Q.20 In triangle ABC, the bisector of angle BAC cuts the side BC at D. If AB = 10 cm, and AC = 14 cm then what is BD : BC ?

- Ans
- 1. 5 : 3
 - 2. 7 : 5
 - 3. 5 : 2
 - 4. 5 : 7

Question ID : 264330105815
Status : Answered
Chosen Option : 4

Q.21 If $\sin \theta = \frac{8}{17}$, then find the value of $\tan \theta$.

- Ans
- 1. $\frac{15}{17}$
 - 2. $\frac{8}{15}$
 - 3. $\frac{15}{8}$
 - 4. $\frac{17}{15}$

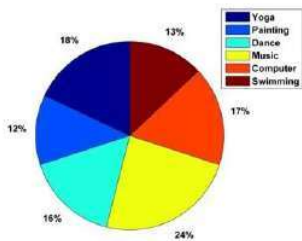
Question ID : 26433065322
Status : Answered
Chosen Option : 2

Q.22 If $\sec 2\theta = \operatorname{cosec}(\theta - 36^\circ)$, where 2θ is an acute angle, find the value of θ .

- Ans
- 1. 32°
 - 2. 46°
 - 3. 20°
 - 4. 42°

Question ID : 26433092176
Status : Answered
Chosen Option : 4

Q.23 The given pie-chart shows the total number of children who opted different courses in a summer camp in May 2019.



300 students attended the summer camp, and every child was allowed to opt only one activity for the camp. The total number of students who opted for Yoga and Painting taken together is how much less than the total number of children who opted for Music and Dance taken together?

- Ans
- 1.45
 - 2.35
 - 3.30
 - 4.40

Question ID : 26433082421
 Status : Answered
 Chosen Option : 3

Q.24 The following table shows the amount of annual rainfall in inches in 8 different states of India.

	T	A	M	N	K	P	D	R
2015	80	70	98	78	68	65	70	59
2016	85	70	95	77	69	60	71	59
2017	86	71	96	76	66	67	71	60
2018	84	70	96	75	67	66	69	61
2019	80	74	97	74	67	64	75	60
2020	81	75	98	75	68	65	74	65
2021	82	72	98	73	70	65	73	65

How many states have witnessed an increase in the amount of annual rainfall continuously for two times in immediate years?

- Ans
- 1.4
 - 2.5
 - 3.3
 - 4.6

Question ID : 26433082752
 Status : Answered
 Chosen Option : 2

Q.25 नुमन 4/5 समय में गगन से आधा काम करता है। यदि वे एक साथ एक कार्य को पूरा करने में 16 दिन लेते हैं, तो गगन को उस कार्य को पूरा करने में कितना समय लगेगा?

- Ans
- 1.23 दिन
 - 2.24 दिन
 - 3.25 दिन
 - 4.26 दिन

Question ID : 26433075123
 Status : Answered
 Chosen Option : 4

Q.1 Select the most appropriate synonym of the given word.
Perseverance

- Ans
- 1. Discipline
 - 2. Tolerance
 - 3. Steadfastness
 - 4. Humbleness

Question ID : 26433070617
Status : Answered
Chosen Option : 2

Q.2 Select the most appropriate ANTONYM of the given word.
Native

- Ans
- 1. Vicinity
 - 2. Realm
 - 3. Foreign
 - 4. Aboriginal

Question ID : 26433059715
Status : Answered
Chosen Option : 3

Q.3 Select the INCORRECTLY spelt word.

- Ans
- 1. Delight
 - 2. Striphe
 - 3. Fright
 - 4. Knight

Question ID : 26433065135
Status : Answered
Chosen Option : 2

Q.4 Select the option that can be used as a one-word substitute for the given group of words.

A person having significant experience in an occupation

- Ans
- 1. Agnostic
 - 2. Fastidious
 - 3. Veteran
 - 4. Novice

Question ID : 26433071762
Status : Answered
Chosen Option : 3

Q.5 Rearrange the parts of the sentence in correct order.

- Jobseekers are not
P. being unemployed are a test of faith
Q. self-purification, where the difficulties of
R. relentlessly to a pilgrimage of
S. fatalistic but reapply themselves

- Ans 1. SPQR
 2. PQSR
 3. SRQP
 4. RPSQ

Question ID : 264330104692
Status : Answered
Chosen Option : 3

Q.6 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Don't disturb the boy, he prepares for his examination.

- Ans 1. prepared
 2. is preparing
 3. was preparing
 4. will be preparing

Question ID : 26433073844
Status : Answered
Chosen Option : 2

Q.7 Select the most appropriate option to complete the given sentence.
He booked the tickets for the show _____.

- Ans 1. in demand
 2. in common
 3. in depth
 4. in advance

Question ID : 26433084709
Status : Answered
Chosen Option : 4

Q.8 Select the most appropriate meaning of the underlined idiom in the given sentence.
"Just add a bit of cheese to your pasta and Bob's your uncle!" Reena suggested to me over dinner last night.

- Ans 1. It becomes easily and quickly achievable
 2. It changes the appearance
 3. It ruins everything
 4. It changes nothing

Question ID : 26433061579
Status : Answered
Chosen Option : 1

Q.9 Select the most appropriate meaning of the underlined idiom in the given sentence.

When the District Attorney asked the convict about details of the day of the crime, he started beating about the bush.

- Ans
- 1. Being excessively aggressive
 - 2. Accusing others of the crime
 - 3. Speaking in a confusing manner without giving a correct answer
 - 4. Trying to invoke sympathy

Question ID : 26433072084
Status : Answered
Chosen Option : 3

Q.10 Choose the incorrectly spelt word.

- Ans
- 1. Innocense
 - 2. Governance
 - 3. Enforcement
 - 4. Insufficient

Question ID : 264330104754
Status : Answered
Chosen Option : 1

Q.11 Select the option that expresses the given sentence in active voice.

I was fascinated by the movie.

- Ans
- 1. The movie fascinated me.
 - 2. The movie was fascinated to me.
 - 3. The movie fascinate me.
 - 4. The movie fascinates me.

Question ID : 26433088306
Status : Answered
Chosen Option : 1

Q.12 Identify the most appropriate ANTONYM of the underlined word in the given sentence.

The patient was happy that he was given ancient methods of treatment to cure her health condition.

- Ans
- 1. Multiple
 - 2. Modern
 - 3. Slow
 - 4. Primitive

Question ID : 26433060409
Status : Answered
Chosen Option : 2

Q.13 Select the most appropriate ANTONYM of the given word.

Consent

- Ans 1. Dissent
 2. Variety
 3. Integrity
 4. Sanction

Question ID : 26433071782
Status : Answered
Chosen Option : 1

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I had walked / for most of the day / to Kanpur and then / get on the train by Mumbai.

- Ans 1. I had walked
 2. to Kanpur and then
 3. get on the train by Mumbai
 4. for most of the day

Question ID : 26433088155
Status : Answered
Chosen Option : 3

Q.15 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 required'.

Have you want me to come with you to the dentist?

- Ans 1. Has you wanted me
 2. No substitution required
 3. Had you want me
 4. Do you want me

Question ID : 26433088437
Status : Answered
Chosen Option : 4

Q.16 Select the most appropriate option to fill in the blank and complete the collocation.

Although she didn't reveal her plans clearly, I had a _____ idea.

- Ans 1. clear
 2. concise
 3. complete
 4. rough

Question ID : 26433073570
Status : Answered
Chosen Option : 4

Q.17 Select the option that expresses the given sentence in passive voice.

The first-year students are bidding farewell to their seniors.

- Ans
- 1. Farewell is to be bid to their seniors by the first-year students.
 - 2. Farewell was being bid to their seniors by the first-year students.
 - 3. Farewell is being bid to their seniors by the first-year students.
 - 4. Their seniors is being bid farewell by the first-year students.

Question ID : 26433094169

Status : Answered

Chosen Option : 3

Q.18 Parts of the following sentence have been given as options. Select the option that contains a grammatical error.

The jury was not happy with the performance / and was quite harsh. / The singer took / their criticism in heart.

- Ans
- 1. The jury was not happy with the performance
 - 2. The singer took
 - 3. their criticism in heart.
 - 4. and was quite harsh.

Question ID : 26433073829

Status : Answered

Chosen Option : 3

Q.19 The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.
P. He is well aware of the role he and his people play in keeping Shivsagar Lake as beautiful and ecologically thriving.
Q. However, he is also deeply aware of the fact that the urban idea of conservation often seeks to keep traditional dwellers out.
R. Jason, 45, has a quiet, confident presence.
S. He takes a long time to open up and even after that, he speaks little.

- Ans
- 1. RQPS
 - 2. RSPQ
 - 3. PSQR
 - 4. PRSQ

Question ID : 264330104703

Status : Answered

Chosen Option : 2

Q.20 Select the correct indirect form of the given sentence.
Priya assured me, "I can stay in tonight."

- Ans
- 1. Priya told me that she could stay in this night.
 - 2. Priya told me that she could stay in that night.
 - 3. Priya told me that she could stay in tonight.
 - 4. Priya told me that she can stay in that night.

Question ID : 264330104600

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.

Four of the most popular forms i.e. Facebook, Twitter, Snapchat and Instagram of social media (1) _____ great damage upon young people's mental health. These four platforms have a negative effect because they can (2) _____ children's and young people's body image worries, and worsen bullying, sleep problems, anxiety, depression and loneliness. The findings follow growing (3) _____ among politicians, health bodies, doctors and parents about young people suffering harm as a result of cyber bullying and social media (4) _____ feelings of self-loathing and leading them to commit suicide. However, the leader of the UK's psychiatrists said these findings were too simplistic and they (5) _____ blamed social media for the complex reasons why the mental health of so many young people is suffering.

SubQuestion No : 21

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

Ans 1. inflict

2. impious

3. perpetrating

4. discrete

Question ID : 26433084835

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.

Four of the most popular forms i.e. Facebook, Twitter, Snapchat and Instagram of social media (1) _____ great damage upon young people's mental health. These four platforms have a negative effect because they can (2) _____ children's and young people's body image worries, and worsen bullying, sleep problems, anxiety, depression and loneliness. The findings follow growing (3) _____ among politicians, health bodies, doctors and parents about young people suffering harm as a result of cyber bullying and social media (4) _____ feelings of self-loathing and leading them to commit suicide. However, the leader of the UK's psychiatrists said these findings were too simplistic and they (5) _____ blamed social media for the complex reasons why the mental health of so many young people is suffering.

SubQuestion No : 22

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

Ans 1. mitigate

2. effectuate

3. exacerbate

4. alleviate

Question ID : 26433084836

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.

Four of the most popular forms i.e. Facebook, Twitter, Snapchat and Instagram of social media (1) _____ great damage upon young people's mental health. These four platforms have a negative effect because they can (2) _____ children's and young people's body image worries, and worsen bullying, sleep problems, anxiety, depression and loneliness. The findings follow growing (3) _____ among politicians, health bodies, doctors and parents about young people suffering harm as a result of cyber bullying and social media (4) _____ feelings of self-loathing and leading them to commit suicide. However, the leader of the UK's psychiatrists said these findings were too simplistic and they (5) _____ blamed social media for the complex reasons why the mental health of so many young people is suffering.

SubQuestion No : 23

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

Ans 1. concern

2. consternate

3. bridle

4. poise

Question ID : 26433084837

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.

Four of the most popular forms i.e. Facebook, Twitter, Snapchat and Instagram of social media (1) _____ great damage upon young people's mental health. These four platforms have a negative effect because they can (2) _____ children's and young people's body image worries, and worsen bullying, sleep problems, anxiety, depression and loneliness. The findings follow growing (3) _____ among politicians, health bodies, doctors and parents about young people suffering harm as a result of cyber bullying and social media (4) _____ feelings of self-loathing and leading them to commit suicide. However, the leader of the UK's psychiatrists said these findings were too simplistic and they (5) _____ blamed social media for the complex reasons why the mental health of so many young people is suffering.

SubQuestion No : 24

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

Ans 1. reinforcing

2. accentuate

3. augment

4. ebbing

Question ID : 26433084838

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.

Four of the most popular forms i.e. Facebook, Twitter, Snapchat and Instagram of social media (1)_____ great damage upon young people's mental health. These four platforms have a negative effect because they can (2) _____ children's and young people's body image worries, and worsen bullying, sleep problems, anxiety, depression and loneliness. The findings follow growing (3) _____ among politicians, health bodies, doctors and parents about young people suffering harm as a result of cyber bullying and social media (4)_____ feelings of self-loathing and leading them to commit suicide. However, the leader of the UK's psychiatrists said these findings were too simplistic and they (5)_____ blamed social media for the complex reasons why the mental health of so many young people is suffering.

SubQuestion No : 25

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

- Ans 1. legitimately
 2. impartially
 3. unfairly
 4. outlandish

Question ID : 26433084839

Status : Answered

Chosen Option : 3

Combined Graduate Level Examination Tier I 2022

Roll Number	www.HaryanaJobs.in
Candidate Name	www.HaryanaJobs.in
Venue Name	Webinfotron Technologies Pvt. Ltd.
Exam Date	05/12/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : General Intelligence and Reasoning

Q.1 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1- Accusable
- 2- Acerbity
- 3- Accursed
- 4- Acetify
- 5- Accuser

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

Question ID : 26433079444
Status : Answered
Chosen Option : 1


Q.2 A & B means 'A is the wife of B'
A # B means 'A is the father of B'
A @ B means 'A is the son B'
A % B means 'A is the husband of B'
A + B means 'A is the mother of B'
If A & B # C & D @ E % F + G, then how is D related to G?

- Ans
- 1. Brother
 - 2. Father
 - 3. Son
 - 4. Son-in-law

Question ID : 26433065963
Status : Answered
Chosen Option : 1

Q.3 Select the correct mirror image of the given combination when the mirror is placed at line MN as shown.

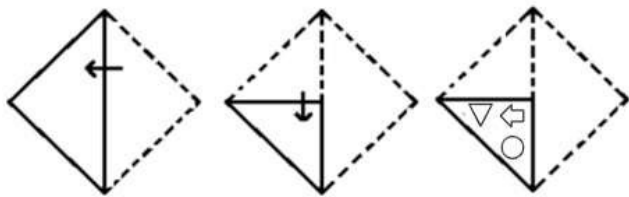
rt5f7w



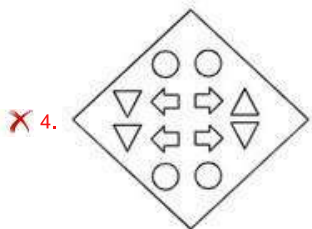
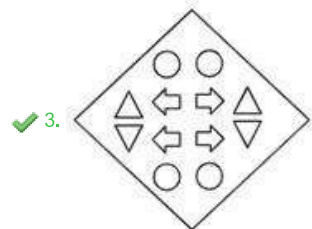
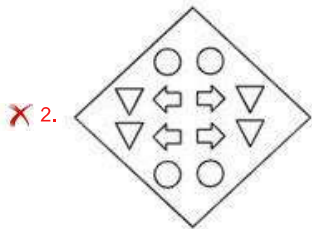
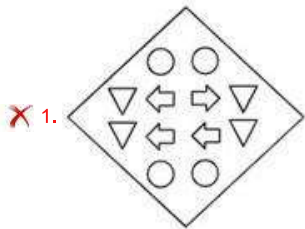
- Ans
- 1. w 7 f 5 t r
 - 2. m 7 f 5 t r
 - 3. w 7 f 2 t r
 - 4. w 7 f 2 t r

Question ID : 26433068205
Status : Answered
Chosen Option : 1

Q.4 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans



Question ID : 26433080559

Status : Answered

Chosen Option : 3

Q.5 Which number will replace the question mark (?) in the following series?

729, 243, ?, 27, 9, 3

Ans ✗ 1. 54

✗ 2. 78

✓ 3. 81

✗ 4. 36

Question ID : 26433067590

Status : Answered

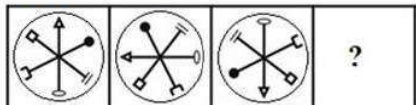
Chosen Option : 3

Q.6 In a certain code language, 'OXYGEN' is written as 'QZAIGP' and 'MIND' is written as 'OKPF'. how will 'DOCTOR' be written in that language?

- Ans
- 1. FQEUPS
 - 2. EQDUPS
 - 3. FQEVQT
 - 4. EQEVQT

Question ID : 26433067764
Status : Answered
Chosen Option : 3

Q.7 Select a suitable figure from the answer figures which would replace the question mark (?).



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

Question ID : 26433066045
Status : Answered
Chosen Option : 2

Q.8 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 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).

(5 : 25 : 30)

(16 : 256 : 272)

- Ans
- 1. (15 : 225 : 230)
 - 2. (9 : 81 : 109)
 - 3. (19 : 361 : 381)
 - 4. (13 : 169 : 182)

Question ID : 26433074554
Status : Not Answered
Chosen Option : --

Q.9 By Interchanging the given two numbers which of the following equation will be correct?
7 and 4

- Ans 1. $4 - 7 + 6 \div 2 \times 3 = 12$
 2. $4 \times 3 + 7 - 9 + 3 = 20$
 3. $7 + 4 \times 2 - 6 + 2 = 17$
 4. $7 + 5 \times 2 - 4 + 1 = 9$

Question ID : 264330105095

Status : Answered

Chosen Option : 1

Q.10 In the following question, four number pairs are given. In each pair the number on left side of (-) is related to the number of the right side of (-) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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. 12 – 50
 2. 8 – 36
 3. 10 – 44
 4. 18 – 76

Question ID : 264330105067

Status : Not Answered

Chosen Option : --

Q.11 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.
729 : 90 :: ? : 56 :: 512 : 72

- Ans 1. 323
 2. 343
 3. 352
 4. 335

Question ID : 26433069097

Status : Answered

Chosen Option : 2

Q.12 In a certain code language, 'STAR' is coded as '92678' and 'FLAG' is coded as '20261521'. How will 'LOGO' be coded in that language?

- Ans 1. 12201215
 2. 12221214
 3. 15122012
 4. 12201325

Question ID : 26433067334

Status : Not Answered

Chosen Option : --

Q.13 Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?

$$72 + (7 \times 8) - (126 \div 14) - (4)^2 = 150$$

- Ans
- 1. 72 and 126
 - 2. 7 and 4
 - 3. 8 and 4
 - 4. 14 and 7

Question ID : 26433069208

Status : Not Answered

Chosen Option : --

Q.14 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.

$$17 : 4607 :: 11 : ? :: 23 : 11615$$

- Ans
- 1. 1440
 - 2. 1572
 - 3. 1463
 - 4. 1199

Question ID : 26433068374

Status : Not Answered

Chosen Option : --

Q.15 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.

$$\text{AREA} : \text{BRFA} :: \text{BABY} : \text{CACY} :: \text{GOLD} : ?$$

- Ans
- 1. IOMD
 - 2. HOME
 - 3. HOMD
 - 4. HOND

Question ID : 26433068509

Status : Answered

Chosen Option : 3

Q.16 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All colour are small.

II. No small are big.

Conclusion:

I. All small are colour.

II. Some small are colour.

III. All big are colour.

- Ans
- 1. Neither conclusion follows
 - 2. Only conclusion III follows
 - 3. Only conclusion II follows
 - 4. Both conclusions I and II follows

Question ID : 264330104940

Status : Answered

Chosen Option : 1

Q.17 Based on the position in the English alphabetical order, three of the following letter-clusters are alike in some manner and one is different. Select the odd letter-cluster.

Ans 1. ZWSQ

2. TRNL

3. PNJH

4. JHDB

Question ID : 26433065665

Status : Answered

Chosen Option : 1

Q.18 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
TMT, ZOB, FQJ, LSR, ?

Ans 1. RYO

2. RZO

3. RUZ

4. RZQ

Question ID : 264330104802

Status : Answered

Chosen Option : 3

Q.19 Which of the following letter-clusters will replace the question mark (?) in the given series?
WNM, ULO, SJQ, QHS, ?

Ans 1. OFU

2. PFS

3. OGU

4. PGT

Question ID : 26433057988

Status : Answered

Chosen Option : 1

Q.20 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 books are pencils.

Some pencils are pens.

All pens are erasers.

Conclusions:

I. Some erasers are pencils.

II. All pens are books.

III. Some erasers are pens.

Ans 1. Only conclusions I and II follow.

2. Only conclusions II and III follow.

3. Only conclusions I and III follow.

4. All conclusions follow.

Question ID : 26433070400

Status : Answered

Chosen Option : 3

Q.21 If $A \div B$ means that A is the mother of B, $A - B$ means that A is the father of B, $A + B$ means that A is the sister of B, then which of the following expression shows that P is the mother of R?

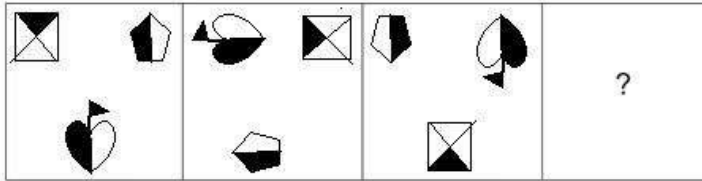
- Ans
- 1. $P + Q - R$
 - 2. $P + Q + R$
 - 3. $P - R + Q$
 - 4. $Q + P - R$

Question ID : 264330104961

Status : Answered

Chosen Option : 2

Q.22 Select the figure that will come next in the following figure series.



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 26433083105

Status : Not Answered

Chosen Option : --

Q.23 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/numbers of consonants/vowels in the word)

Race : Track

Ans 1. Athletics : Stadium

2. Cart : Wheel

3. Wrestling : Court

4. Exercise : Course

Question ID : 26433090235

Status : Answered

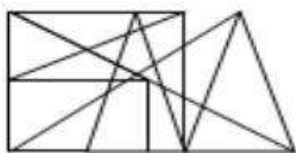
Chosen Option : 2

Q.24 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

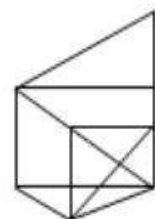


Ans

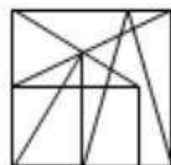
1.



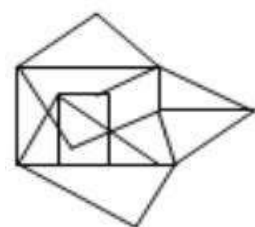
2.



3.



4.



Question ID : 26433068897

Status : Answered

Chosen Option : 4

Q.25 By interchanging the given two signs and numbers which of the following equation will be not correct?

÷ and ×, 1 and 3

- Ans
- 1. $6 \div 3 - 1 + 4 \times 2 = 5$
 - 2. $4 \times 3 - 1 + 8 \div 2 = 9$
 - 3. $5 - 8 \times 3 + 9 \div 1 = 24$
 - 4. $6 + 4 - 9 \times 3 + 1 = -17$

Question ID : 264330105143

Status : Answered

Chosen Option : 1

Section : General Awareness

Q.1 A group of ribosomes attached to mRNA is known as:

- Ans
- 1. polypeptide
 - 2. polysomes
 - 3. polymer
 - 4. monomer

Question ID : 26433086611

Status : Answered

Chosen Option : 2

Q.2 Kelucharan Mohapatra, awarded with the Padma Vibhushan in the year 2000, was a dancer of which of the following classical dance forms?

- Ans
- 1. Odissi
 - 2. Kathakali
 - 3. Kathak
 - 4. Manipuri

Question ID : 26433064303

Status : Not Answered

Chosen Option : --

Q.3 The Right to Freedom of Religion is contained within which Articles of the Constitution of India?

- Ans
- 1. Article 19 to Article 22
 - 2. Article 29 to Article 30
 - 3. Article 25 to Article 28
 - 4. Article 14 to Article 18

Question ID : 26433074888

Status : Answered

Chosen Option : 1

Q.4 Which of the following is NOT an indirect tax?

- Ans
- 1. Excise tax
 - 2. Goods and Services tax
 - 3. Customs duty
 - 4. Wealth tax

Question ID : 264330105368

Status : Answered

Chosen Option : 4

Q.5 Under which scheme, Lieutenant Governor Manoj Sinha inaugurated "UMEED Market Place" in Jammu and Kashmir?

- Ans
- 1. Stand Up India Scheme
 - 2. Ujjwala scheme
 - 3. AVSAR Scheme of Airport Authority of India
 - 4. KUSUM scheme

Question ID : 264330105315
Status : Answered
Chosen Option : 1

Q.6 The bird like pheasant and monals are found in which type of forest?

- Ans
- 1. Temperate deciduous forest
 - 2. Tropical evergreen forest
 - 3. Temperate evergreen forest
 - 4. Mediterranean forests

Question ID : 264330105646
Status : Answered
Chosen Option : 1

Q.7 In which of the following years was the first train run in India?

- Ans
- 1. 1853
 - 2. 1854
 - 3. 1852
 - 4. 1855

Question ID : 26433089223
Status : Answered
Chosen Option : 4

Q.8 Which of the following dance forms is mentioned in the ancient text of Vyavaharmala?

- Ans
- 1. Sattriya
 - 2. Mohiniyattam
 - 3. Manipuri
 - 4. Odissi

Question ID : 26433054313
Status : Not Answered
Chosen Option : --

Q.9 The SI unit of electric charge is a _____.

- Ans
- 1. coulomb
 - 2. watt
 - 3. newton
 - 4. joule

Question ID : 26433066452
Status : Answered
Chosen Option : 1

Q.10 In September 2022, the Supreme Court allowed all women, irrespective of their marital status, to safely and legally abort their child till _____ of pregnancy under the Medical Termination of Pregnancy (MTP) Act.

- Ans
- 1. 30 weeks
 - 2. 15 weeks
 - 3. 24 weeks
 - 4. 18 weeks

Question ID : 264330105217
Status : Answered
Chosen Option : 3

Q.11 Which Article of the Constitution of India mentions that business in Parliament shall be transacted in Hindi or English?

- Ans
- 1. Article 120
 - 2. Article 121
 - 3. Article 122
 - 4. Article 119

Question ID : 26433064724
Status : Not Answered
Chosen Option : --

Q.12 In 1526, the battle of Panipat was fought between _____.

- Ans
- 1. Babur and Rana Sanga
 - 2. Akbar and Hemu
 - 3. Humayun and Sher Khan
 - 4. Babur and Ibrahim Lodi

Question ID : 264330105432
Status : Answered
Chosen Option : 4

Q.13 Highest sex ratio according to census 2011 is of which state?

- Ans
- 1. Chhattisgarh
 - 2. Andhra Pradesh
 - 3. Tamil Nadu
 - 4. Kerala

Question ID : 264330105511
Status : Answered
Chosen Option : 4

Q.14 The age range for the Youth Boxer category is:

- Ans
- 1. 15 – 16 years
 - 2. 19 – 20 years
 - 3. 17 – 18 years
 - 4. 13 – 18 years

Question ID : 26433059431
Status : Not Answered
Chosen Option : --

Q.15 Hot, dry winds blowing in the Northern plain in India are known as _____.

- Ans
- 1. North easterly winds
 - 2. Westerlies
 - 3. Loo
 - 4. Nor westers

Question ID : 26433066506
Status : **Answered**
Chosen Option : 3

Q.16 In which of the following Indian states is Lokrang festival observed?

- Ans
- 1. Jharkhand
 - 2. Gujarat
 - 3. Rajasthan
 - 4. Madhya Pradesh

Question ID : 26433064696
Status : **Not Answered**
Chosen Option : --

Q.17 In which among the following period Catal Huyuk was one of the most famous sites?

- Ans
- 1. Neolithic
 - 2. Mesolithic
 - 3. Palaeolithic
 - 4. Chalcolithic

Question ID : 264330105169
Status : **Not Answered**
Chosen Option : --

Q.18 In 1600, the East India company acquired a charter from which ruler?

- Ans
- 1. King George-I
 - 2. Queen Elizabeth-I
 - 3. Queen victoria
 - 4. King James-I

Question ID : 264330105549
Status : **Answered**
Chosen Option : 1

Q.19 'Imperfect' is an autobiography of:

- Ans
- 1. Rahul Dravid
 - 2. Ravi Shastri
 - 3. Milkha Singh
 - 4. Sanjay Manjrekar

Question ID : 26433054372
Status : **Not Answered**
Chosen Option : --

Q.20 Which of the followings HYV seeds is/are associated with the Green Revolution in India?

- (A) Rice
(B) Wheat

- Ans 1. Both A and B
 2. Only A
 3. Neither A nor B
 4. Only B

Question ID : 26433054817
Status : Answered
Chosen Option : 1

Q.21 In Tennis which of the following scores is a complete set?

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

Question ID : 26433059441
Status : Answered
Chosen Option : 3

Q.22 Identify a protein-digesting enzyme.

- Ans 1. lipase
 2. Amylase
 3. Collagen
 4. Pepsin

Question ID : 26433087859
Status : Answered
Chosen Option : 2

Q.23 Which of the following became India's first State Assembly to implement the National e-Vidhan Application (NeVA) programme to become paperless?

- Ans 1. Haryana
 2. Tripura
 3. Nagaland
 4. Assam

Question ID : 264330105251
Status : Not Answered
Chosen Option : --

Q.24 Who among the following ruler ruled before Prithviraj Chauhan over Delhi?

- Ans 1. Ghiyasuddin Balban
 2. Ananga Pala
 3. Jalaluddin Khalji
 4. Qutbuddin Aybak

Question ID : 264330105421
Status : Not Answered
Chosen Option : --

Q.25 Motion of an object is _____ if its velocity is constant.

- Ans
- 1. only accelerating
 - 2. only decelerating
 - 3. non-uniform
 - 4. uniform

Question ID : 264330105470
Status : Answered
Chosen Option : 4

Section : Quantitative Aptitude

Q.1 $\cos^2 35^\circ + \cos 55^\circ \cdot \sin 35^\circ + \frac{\tan 34^\circ}{\cot 56^\circ} = \underline{\hspace{2cm}}$

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

Question ID : 26433056360
Status : Answered
Chosen Option : 1

Q.2 The total surface area of a cube is 1536 m^2 . Find its volume.

- Ans
- 1. 216 m^3
 - 2. 125 m^3
 - 3. 4096 m^3
 - 4. 729 m^3

Question ID : 26433063910
Status : Answered
Chosen Option : 3

Q.3 A certain sum of money becomes triple of itself in 26 years at simple interest. In how many years it will become five times of itself?

- Ans
- 1. 64 years
 - 2. 52 years
 - 3. 56 years
 - 4. 60 years

Question ID : 264330105673
Status : Not Answered
Chosen Option : --

Q.4 On dividing a certain number by 363, we get 17 as the remainder. What will be the remainder when the same number is divided by 11?

- Ans
- 1. 7
 - 2. 8
 - 3. 6
 - 4. 9

Question ID : 26433075179
Status : Not Answered
Chosen Option : --

Q.5 If $a - b = 2$ and $a^3 - b^3 = 80$, then what will be the value of ab ?

- Ans 1. 12
 2. -24
 3. 24
 4. -12

Question ID : 26433076425
Status : Not Answered
Chosen Option : --

Q.6 If $\frac{1}{x^2 + a^2} = x^2 - a^2$, then the value of x is:

- Ans 1. $(1 - a^4)^{1/4}$
 2. a
 3. $(a^4 - 1)^{1/4}$
 4. $(a^4 + 1)^{1/4}$

Question ID : 26433079988
Status : Not Answered
Chosen Option : --

Q.7 The following table shows the shares traded on Mumbai, Rajasthan, Uttar Pradesh and Uttarakhand stock exchanges:

Name of the company	Mumbai		Uttarakhand		Rajasthan		Uttar Pradesh	
	High	Low	High	Low	High	Low	High	Low
Aata tea	540	395	450	4255	320	510	440	310
Kolgate	34	57	60	42	25	60	20	70
Imbuja cement	150	155	120	125	160	135	145	170

The average of the high rates of the shares in all the four stock exchanges for Kolgate is:

- Ans 1. ₹34.75
 2. ₹51.07
 3. ₹52.04
 4. ₹63.21

Question ID : 26433080058
Status : Answered
Chosen Option : 1

Q.8 The speed of a boat in still water is $5\frac{1}{3}$ km/h. It is found that the boat takes thrice as much time to row up than it does to row down the same distance in the river stream. Find the speed of the river stream.

- Ans
- 1. $\frac{23}{27}$ m/sec
 - 2. $\frac{22}{27}$ m/sec
 - 3. $\frac{20}{27}$ m/sec
 - 4. $\frac{19}{27}$ m/sec

Question ID : 26433074730
Status : Not Answered
Chosen Option : --

Q.9 The largest five-digit number which when divided by 7, 9 and 11, leaves the same remainder as 3 in each case, is:

- Ans
- 1. 95840
 - 2. 98685
 - 3. 96720
 - 4. 99795

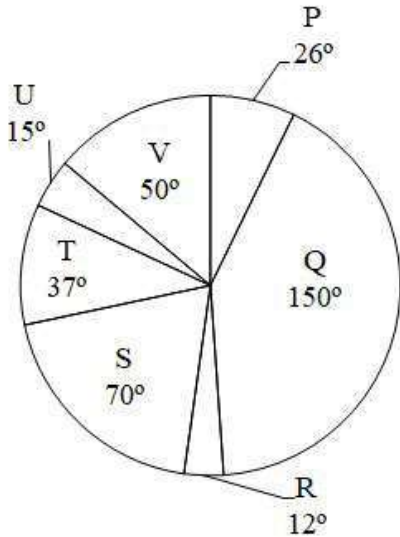
Question ID : 26433079823
Status : Not Answered
Chosen Option : --

Q.10 If the ratio of area of two similar triangles is $\sqrt{3} : \sqrt{2}$ then what is the ratio of the corresponding sides of the two triangles?

- Ans
- 1. 9 : 4
 - 2. 3 : 2
 - 3. $\sqrt[3]{3} : \sqrt[3]{2}$
 - 4. $\sqrt[4]{3} : \sqrt[4]{2}$

Question ID : 264330105827
Status : Answered
Chosen Option : 4

Q.11 The pie chart given below shows the sales of 7 different companies. The total sales of all these 7 companies is 2160. The sale of a particular company is shown in terms of degree with respect to the total sales of all these 7 companies.



The total sales of P, R and S are how much percent less than the total sales of Q, T and U?

- Ans
- 1. 56.42 percent
 - 2. 24.42 percent
 - 3. 46.53 percent
 - 4. 32.32 percent

Question ID : 264330105777
 Status : Not Answered
 Chosen Option : --

Q.12 $\sqrt{\frac{1+\cos\theta}{1-\cos\theta}} + \sqrt{\frac{1-\cos\theta}{1+\cos\theta}} = \underline{\hspace{2cm}}$.

- Ans
- 1. $2 \sin \theta$
 - 2. $2 \cos \theta$
 - 3. $2 \operatorname{cosec} \theta$
 - 4. $2 \sec \theta$

Question ID : 26433058179
 Status : Answered
 Chosen Option : 1

Q.13 The table given below shows the marks obtained by two students in 6 subjects.

Subjects	Students	
	A	B
P	180	90
Q	240	420
R	360	390
S	300	210
T	60	270
U	330	120

What is the difference between the total marks obtained by A and B in all the 6 subjects?

- Ans 1. 40
 2. 30
 3. 20
 4. 50

Question ID : 264330105738
Status : Answered
Chosen Option : 2

Q.14 $\triangle ABC$ and $\triangle DEF$ are congruent respectively. If $AB = 6 = DE$, $BC = 8 = EF$ and $m \angle B = 30^\circ$, then $m \angle D + m \angle C =$ _____.

- Ans 1. 160°
 2. 120°
 3. 130°
 4. 150°

Question ID : 26433066250
Status : Answered
Chosen Option : 4

Q.15 The following table gives the percentage of marks obtained by six students in six different subjects in an examination.

	English (100)	Science (100)	Mathematics (100)	Social Science (100)	Hindi (100)	Computer Science (100)
A	75	58	72	68	63	73
B	82	85	74	36	52	65
C	65	58	61	63	68	75
D	84	78	72	73	65	68
E	78	72	59	63	71	72
F	74	68	75	82	88	86

The number of students who obtained 60% marks and above in all subjects is:

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

Question ID : 26433082621
Status : Answered
Chosen Option : 3

Q.16 If an angle of a right-angled triangle is 35° , then find the other angles.

- Ans
- 1. 90° and 75°
 - 2. 90° and 35°
 - 3. 90° and 55°
 - 4. 90° and 45°

Question ID : 26433074347
Status : Answered
Chosen Option : 3

Q.17 A dishonest dealer sells a product at 11% loss on cost price, but uses 22% less weight. What is his percentage profit or loss?

- Ans
- 1. 14.1% loss
 - 2. 14.1% gain
 - 3. 11.4% gain
 - 4. 11.4 % loss

Question ID : 26433065072
Status : Not Answered
Chosen Option : --

Q.18 A shopkeeper earns 10% on an investment but loses 20% on another investment. If the ratio of the two investments is 2 : 3, then the combined loss percentage is:

- Ans
- 1. 5.5%
 - 2. 7%
 - 3. 6%
 - 4. 8%

Question ID : 26433075490
Status : Answered
Chosen Option : 4

Q.19 Which of the following statement is correct?

I. The value of $100^2 - 99^2 + 98^2 - 97^2 + 96^2 - 95^2 + 94^2 - 93^2 + \dots + 22^2 - 21^2$ is 4840.

II. The value of

$$\left(k^2 + \frac{1}{k^2}\right) \left(k - \frac{1}{k}\right) \left(k^4 + \frac{1}{k^4}\right) \left(k + \frac{1}{k}\right) \left(k^4 - \frac{1}{k^4}\right) \text{ is } k^{16} - \frac{1}{k^{16}}.$$

- Ans
- 1. Neither I nor II
 - 2. Only II
 - 3. Only I
 - 4. Both I and II

Question ID : 264330105967
Status : Not Answered
Chosen Option : --

Q.20 A contractor decided to complete a work in 80 days and employed 60 men at the beginning and 20 men additionally after 20 days and got the work completed as per schedule. If he had not employed the additional men, how many extra days would he have needed to complete the work (round off to the nearest integer)?

- Ans
- 1. 32 days
 - 2. 20 days
 - 3. 30 days
 - 4. 26 days

Question ID : 26433075244
Status : Not Answered
Chosen Option : --

Q.21 The length of the side of a cube is 4.2 cm. What is the volume of the largest sphere that can be taken out of the cube?

- Ans
- 1. 26.40 cm³
 - 2. 20.50 cm³
 - 3. 38.80 cm³
 - 4. 48.60 cm³

Question ID : 264330105883
Status : Not Answered
Chosen Option : --

Q.22 A tradesman marks his goods 20% above his cost price. If he allows his customer 20% discount on the marked price, how much profit or loss does he make, if any:

- Ans
- 1. 2% loss
 - 2. 4% loss
 - 3. 1% profit
 - 4. 3% profit

Question ID : 26433075386
Status : Answered
Chosen Option : 2

Q.23 What will be the value of $\cos x \operatorname{cosec} x - \sin x \sec x$?

- Ans
- 1. $\cot \frac{2x}{2}$
 - 2. $\tan 2x$
 - 3. $\cot 2x$
 - 4. $2\cot 2x$

Question ID : 264330105911
Status : Answered
Chosen Option : 3

Q.24 A varies directly as the positive square root of B, and inversely as the cube of C. If A = 15, when B = 27 and C = 2, then find B when A = 9 and C = 2.

- Ans
- 1. $\frac{281}{42}$
 - 2. $\frac{243}{25}$
 - 3. $\frac{264}{37}$
 - 4. $\frac{275}{51}$

Question ID : 26433063788

Status : Not Answered

Chosen Option : --

Q.25 The average weight of 5 men decreases by 3 kg when one of them weighing 150 kg is replaced by another person. Find the weight of the new person.

- Ans
- 1. 125 kg
 - 2. 100 kg
 - 3. 120 kg
 - 4. 135 kg

Question ID : 26433075272

Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 Select the correct passive form of the given sentence.
My parents have booked a mini-getaway for me.

- Ans
- 1. A mini-getaway was being booked for me by my parents.
 - 2. A mini-getaway had been booked for me by my parents.
 - 3. A mini-getaway was been booked for me by my parents.
 - 4. A mini-getaway have been booked for me by my parents.

Question ID : 264330104566

Status : Answered

Chosen Option : 4

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

There are some monkeys / on the roof of the / carriage but Madhav / did not see them.

- Ans
- 1. on the roof of the
 - 2. There are some monkeys
 - 3. carriage but Madhav
 - 4. did not see them.

Question ID : 26433092270

Status : Answered

Chosen Option : 4

Q.3 Select the most appropriate synonym of the word Amend.

Ans 1. Rectify

2. Harm

3. Impair

4. Worsen

Question ID : 26433072448

Status : Answered

Chosen Option : 1

Q.4 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'.

Rita will never have changed her job if she would have been promoted.

Ans 1. No substitution

2. should never have

3. would never have

4. shall never have

Question ID : 26433084574

Status : Answered

Chosen Option : 3

Q.5 Select the INCORRECTLY spelt word in the following sentence.
Sudhir's harrassment is not only perceivable and occasional but also has become a matter of humorous incident before his colleague.

Ans 1. colleague

2. harrassment

3. Humorous

4. perceivable

Question ID : 26433058615

Status : Answered

Chosen Option : 4

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

The trainee wanted to know the _____ of the course to get a better understanding of the job prospects.

Ans 1. ins and outs

2. bird's eye view

3. crying need

4. tall talk

Question ID : 26433070544

Status : Answered

Chosen Option : 1

Q.7 Select the most appropriate option to fill in the blank.

This drama is extremely informative _____ life in Roman times.

- Ans
- 1. on
 - 2. of
 - 3. about
 - 4. for

Question ID : 26433087940
Status : Answered
Chosen Option : 3

Q.8 Select the most appropriate collocation to fill in the blank.

Arun and his wife were _____ a baby boy after 18 years of their marriage.

- Ans
- 1. delighted with
 - 2. prepared with
 - 3. provided with
 - 4. blessed with

Question ID : 26433092091
Status : Answered
Chosen Option : 4

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

Impede

- Ans
- 1. Intend
 - 2. Prompt
 - 3. Respite
 - 4. Hinder

Question ID : 26433071835
Status : Answered
Chosen Option : 1

Q.10 Select the INCORRECTLY spelt word.

- Ans
- 1. Warden
 - 2. Poliseman
 - 3. Engineer
 - 4. Doctor

Question ID : 26433065136
Status : Answered
Chosen Option : 2

Q.11 Select the most appropriate synonym of the underlined word in the given sentence.

The audience was mesmerised by the speech delivered by the vivacious lady.

- Ans
- 1. Energetic
 - 2. Fearless
 - 3. Prosperous
 - 4. Friendly

Question ID : 26433071956
Status : Answered
Chosen Option : 1

Q.12 Select the option that expresses the given sentence in active voice.

The gate was opened by the peon.

- Ans 1. The peon is opening the gate.
 2. The peon opened the gate.
 3. The peon was opening the gate.
 4. The gate was being opened by the peon.

Question ID : 26433093459

Status : Answered

Chosen Option : 2

Q.13 The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. They are on the market already but they are costly.

Q. Their cost depends on the sort you install and the size of your home.

R. These devices extract warmth from the air or the ground, or from water - a bit like a fridge operating in reverse.

S. Climate advisers anticipate that most homes in future will be warmed by heat pumps.

- Ans 1. RQPS
 2. SQRP
 3. SRPQ
 4. PRSQ

Question ID : 264330104717

Status : Answered

Chosen Option : 2

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The art history teacher was sacked after she were thought taking school supplies.

- Ans 1. she was wondered
 2. she was dumped
 3. she was caught
 4. she was enlightened

Question ID : 26433088512

Status : Answered

Chosen Option : 3

Q.15 Rearrange the parts of the sentence in correct order.

Lighting has

P. to become a disrupter and

Q. become human-centric as our

R. requirements change during the day and

S. lighting has to adapt to our change in needs

- Ans 1. PSQR
 2. RPQS
 3. QRSP
 4. PQRS

Question ID : 264330104667

Status : Answered

Chosen Option : 2

Q.16 Select the most appropriate synonym of the given word.

Mercy

- Ans 1. Legacy
 2. Clarity
 3. Clemency
 4. Plurality

Question ID : 26433060627
Status : Answered
Chosen Option : 3

Q.17 Select the option that can be used as a one-word substitute for the given group of words.

The act of washing oneself

- Ans 1. Ablutions
 2. Solutions
 3. Steaming
 4. Bathing

Question ID : 26433071924
Status : Answered
Chosen Option : 4

Q.18 Select the correct direct form of the given sentence.
Aryan told me that I knew where to find him.

- Ans 1. Aryan said to me, "You know where to find me."
 2. Aryan said to me, "You knowing where to find me."
 3. Aryan said to me, "You are known where to find me."
 4. Aryan says to me, "You know where to find me."

Question ID : 264330104627
Status : Answered
Chosen Option : 1

Q.19 Select the idiom that can correctly replace the underlined part of the given sentence.

I know she really wants the promotion, but she really hit me below the hand by telling the boss about my personal problems.

- Ans 1. hit me the bricks
 2. hit me below the books
 3. hit me below the bottle
 4. hit me below the belt

Question ID : 26433060317
Status : Answered
Chosen Option : 4

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He will make mistakes, but he will learn / by making mistakes. So, dear parents, / once you put the money in your / children's little pockets, forget all on it.

- Ans 1. children's little pockets, forget all on it
 2. once you put the money in your
 3. by making mistakes. So, dear parents,
 4. He will make mistakes, but he will learn

Question ID : 26433092269

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.

Women won their present status through (1)_____ and sacrifices rather than through men's kindness. Women and their supporters have fought, and in some places continue to fight for the same rights as (2)_____. Laws were made to replace local customs which denigrated and suppressed women's rights. Women have (3)_____ higher positions in the world at all levels; political, economic and social. But in reality, women still suffer from (4)_____ at various levels. For example, women work more and earn less than men. In addition to that, the majority of the world's poor and illiterate are women. The road to real (5)_____ is still long.

SubQuestion No : 21

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

- Ans 1. struggle
 2. happiness
 3. dignity
 4. joy

Question ID : 26433086386

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.

Women won their present status through (1)_____ and sacrifices rather than through men's kindness. Women and their supporters have fought, and in some places continue to fight for the same rights as (2)_____. Laws were made to replace local customs which denigrated and suppressed women's rights. Women have (3)_____ higher positions in the world at all levels; political, economic and social. But in reality, women still suffer from (4)_____ at various levels. For example, women work more and earn less than men. In addition to that, the majority of the world's poor and illiterate are women. The road to real (5)_____ is still long.

SubQuestion No : 22

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

- Ans 1. everyone
 2. men
 3. universal
 4. politicians

Question ID : 26433086387

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.

Women won their present status through (1)_____ and sacrifices rather than through men's kindness. Women and their supporters have fought, and in some places continue to fight for the same rights as (2)_____. Laws were made to replace local customs which denigrated and suppressed women's rights. Women have (3)_____ higher positions in the world at all levels; political, economic and social. But in reality, women still suffer from (4)_____ at various levels. For example, women work more and earn less than men. In addition to that, the majority of the world's poor and illiterate are women. The road to real (5)_____ is still long.

SubQuestion No : 23**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans 1. snatched
 2. gripped
 3. plucked
 4. gained

Question ID : 26433086388

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.

Women won their present status through (1)_____ and sacrifices rather than through men's kindness. Women and their supporters have fought, and in some places continue to fight for the same rights as (2)_____. Laws were made to replace local customs which denigrated and suppressed women's rights. Women have (3)_____ higher positions in the world at all levels; political, economic and social. But in reality, women still suffer from (4)_____ at various levels. For example, women work more and earn less than men. In addition to that, the majority of the world's poor and illiterate are women. The road to real (5)_____ is still long.

SubQuestion No : 24**Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans 1. issues
 2. tolerance
 3. equality
 4. discrimination

Question ID : 26433086389

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.

Women won their present status through (1)_____ and sacrifices rather than through men's kindness. Women and their supporters have fought, and in some places continue to fight for the same rights as (2)_____. Laws were made to replace local customs which denigrated and suppressed women's rights. Women have (3)_____ higher positions in the world at all levels; political, economic and social. But in reality, women still suffer from (4)_____ at various levels. For example, women work more and earn less than men. In addition to that, the majority of the world's poor and illiterate are women. The road to real (5)_____ is still long.

SubQuestion No : 25**Q.25 Select the most appropriate option to fill in blank number 5.**

- Ans 1. probability
 2. maturity
 3. equality
 4. eligibility

Question ID : 26433086390

Status : Answered

Chosen Option : 3