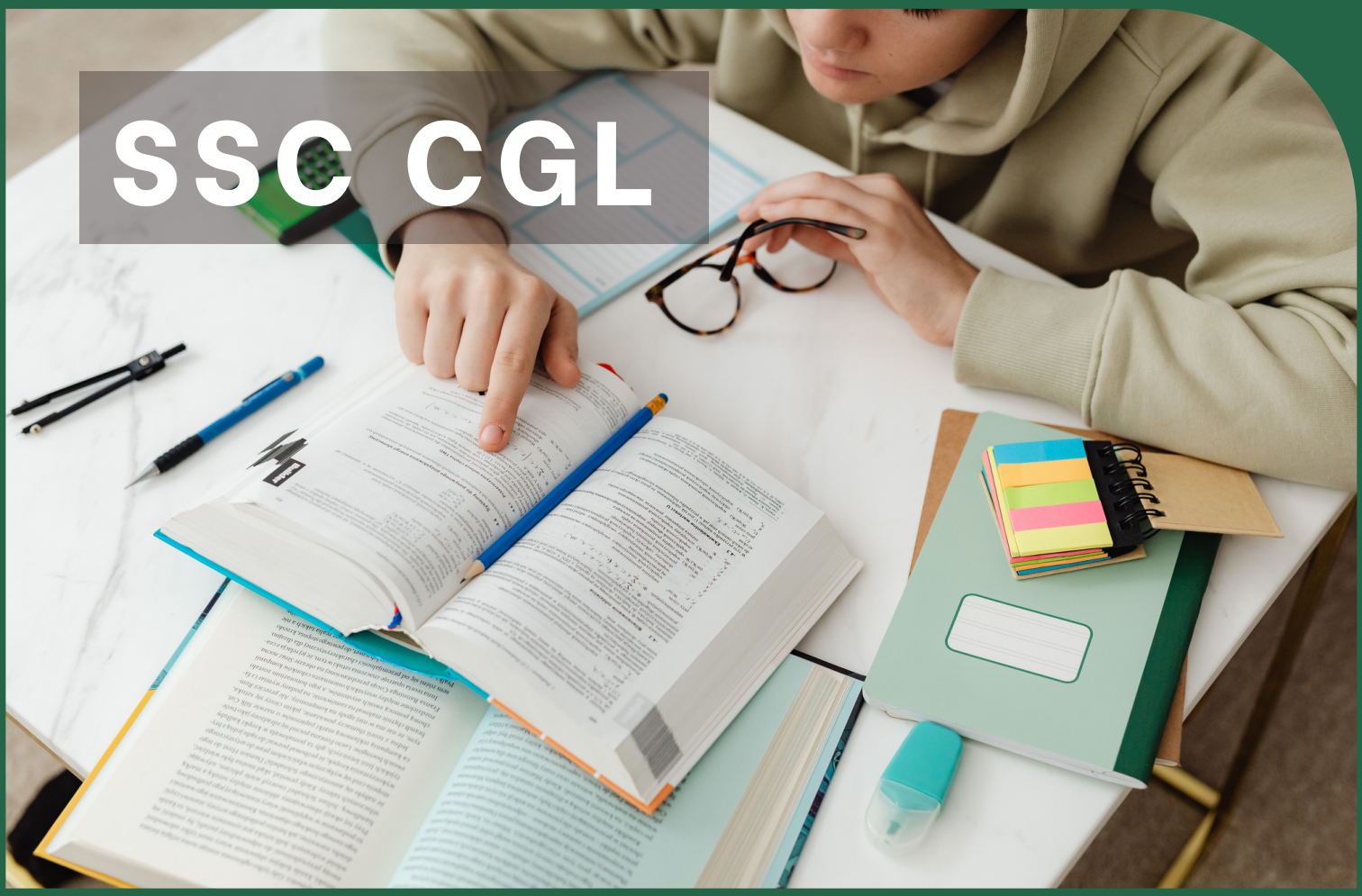


Question Paper

Staff Selection Commission
Combined Graduated Level
Examination

Prepared by:
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Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Mandi Samiti Road
Exam Date	01/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **'A @ B' means 'A is the husband of B'.**
'A & B' means 'A is the mother of B'.
'A # B' means 'B is the daughter of A'.
If G # H & I @ J & K, then how is H related to J?

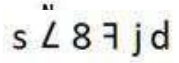
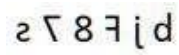
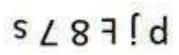
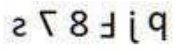
Ans
✗ 1. Mother
✗ 2. Brother
✗ 3. Sister
✓ 4. Mother-in-law

Question ID : **26433068457**
Status : **Answered**
Chosen Option : **4**

Q.2

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



Ans
✗ 1. 
2. 
3. 
4. 

Question ID : **26433068199**
Status : **Answered**
Chosen Option : **2**

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)

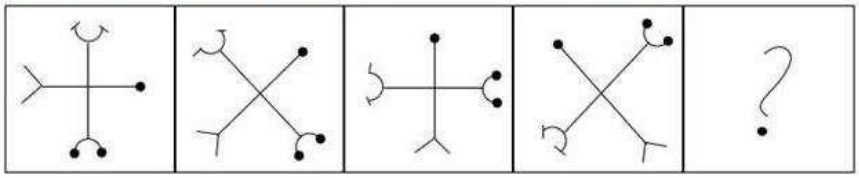
(40, 120, 400)
(18, 20, 78)

Ans
✓ 1. (29, 23, 98)
✗ 2. (56, 14, 108)
✗ 3. (25, 27, 92)
✗ 4. (11, 720, 660)

Question ID : **26433076706**
Status : **Not Answered**
Chosen Option : **--**

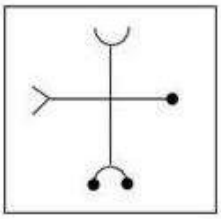
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Q.4 Select the figure that will come next in the following figure series.

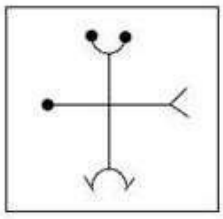


Ans

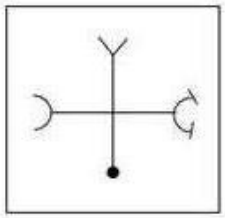
✗ 1.



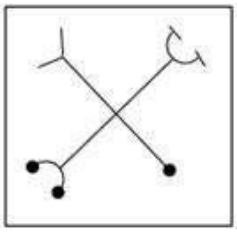
✓ 2.



✗ 3.



✗ 4.



Question ID : **26433068469**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the number from among the given options that can replace the question mark (?) in the following series.
5, 10, 17, 26, 37, 50, ?

Ans

✗ 1. 58

✓ 2. 65

✗ 3. 76

✗ 4. 54

Question ID : **26433067513**
Status : **Answered**
Chosen Option : **2**

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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 white are car.
II. No truck is car.
Conclusion:
I. All truck are white.
II. Some car are white.

Ans
✔ 1. Only conclusion II follows
✘ 2. Neither conclusion follows
✘ 3. Only conclusion I follows
✘ 4. Both conclusions I and II follows

Question ID : **264330104909**
Status : **Answered**
Chosen Option : **1**

Q.7 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.
24 : 840 :: 27 : ? :: 33 : 1452

Ans
✘ 1. 756
✘ 2. 297
✔ 3. 1026
✘ 4. 729

Question ID : **26433068375**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.8 Four letter-clusters have been given out of which three are alike in some manner and one is different. Select the one that is different.

Ans
✘ 1. MPT
✘ 2. FIM
✘ 3. GJN
✔ 4. DGI

Question ID : **26433068502**
Status : **Answered**
Chosen Option : **4**

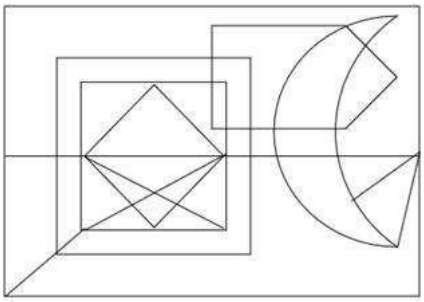
Q.9 In a certain code language, 'ADVANCE' is written as 'VDAAECN' and 'BABYSIT' is written as 'BABYTIS'. How will 'AFFABLE' be written in that language?

Ans
✘ 1. FFAALEB
✔ 2. FFAAELB
✘ 3. FFAAEBL
✘ 4. AAFFELB

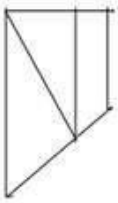
Question ID : **26433059884**
Status : **Answered**
Chosen Option : **2**

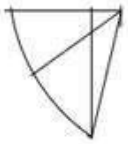
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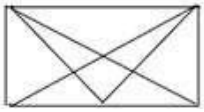
Q.10 Select the option figure that is embedded in the given figure. (Rotation is not allowed).

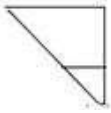


Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **26433068853**
Status : **Answered**
Chosen Option : **3**

Q.11 **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.**
BEAR : DFCS :: FEEL : HFGM :: MANY : ?

Ans
✗ 1. OBPY

✗ 2. OCPZ

✓ 3. OBPZ

✗ 4. OBQZ

Question ID : **26433068510**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Inundate
2. Invidious
3. Individual
4. Inveterate
5. Invective
6. Invincible
7. Inviolable

Ans
✗ 1. 1, 5, 4, 2, 3, 6, 7
✗ 2. 1, 5, 3, 4, 2, 6, 7
✓ 3. 3, 1, 5, 4, 2, 6, 7
✗ 4. 3, 1, 5, 4, 6, 2, 7

Question ID : **26433068931**
Status : **Answered**
Chosen Option : **3**

Q.13 If A + B means that A is the brother of B, A × 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 sister of R?

Ans
✗ 1. P × Q + R
✗ 2. P + Q × R
✗ 3. P × Q ÷ R
✓ 4. P × Q + R

Question ID : **264330105007**
Status : **Answered**
Chosen Option : **4**

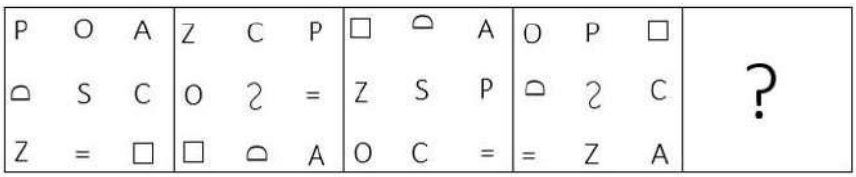
Q.14 Which letter cluster will replace the question mark (?) to complete the given series?
NAME, NEME, ?, NOME, NUME

Ans
✗ 1. NMME
✗ 2. NKME
✓ 3. NIME
✗ 4. NJME

Question ID : **26433059856**
Status : **Answered**
Chosen Option : **3**

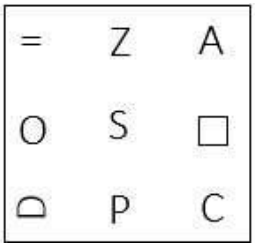
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Q.15 Which figure should replace the question mark (?) if the series were to be continued?

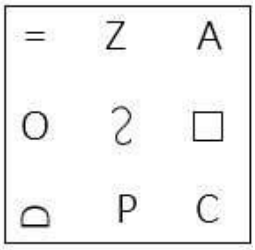


Ans

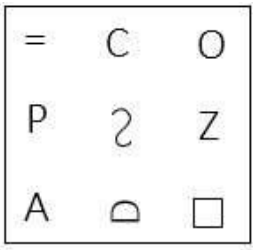
✔ 1.



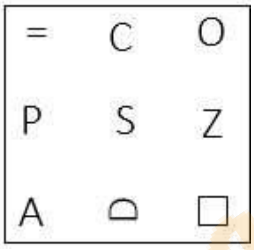
✘ 2.



✘ 3.



✘ 4.



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Question ID : **26433076647**
Status : **Answered**
Chosen Option : **4**

Q.16 **Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.**
35 * 5 * 7 * 2 * 19 = 42

Ans

✔ 1. ×, ÷, -, +

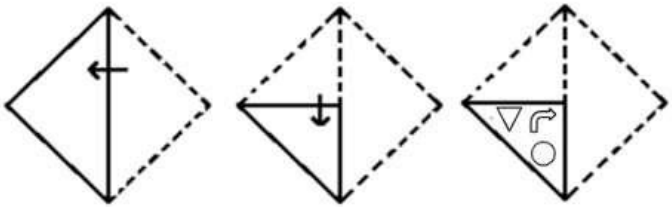
✘ 2. ÷, ×, +, +

✘ 3. +, -, +, -

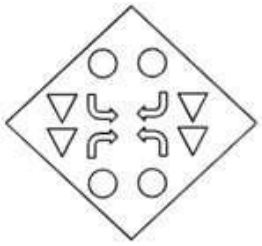
✘ 4. ÷, ×, -, -

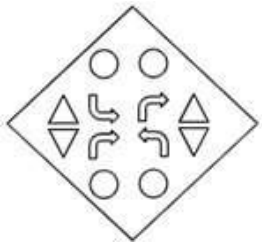
Question ID : **26433068598**
Status : **Answered**
Chosen Option : **1**

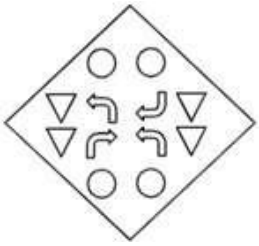
Q.17 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

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Question ID : **26433080560**
Status : **Answered**
Chosen Option : **4**

Q.18 **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).
(16, 7, 37)
(28, 9, 55)

Ans
✗ 1. (19, 6, 36)
✓ 2. (13, 4, 25)
✗ 3. (20, 7, 45)
✗ 4. (23, 8, 48)

Question ID : **26433074557**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.19 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 stones are cubes.
No cube is a glass.
All bats are cubes.
Conclusions:
I. Some stones being bats is a possibility.
II. No bat is a glass.
III. All cubes are bats.
IV. No stone is a glass.

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 : **26433070343**
Status : **Answered**
Chosen Option : **3**

Q.20 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.
LAMB : DPEQ :: MOTH : JWSR :: NERD : ?

Ans
✗ 1. FVJS
✗ 2. FUJS
✗ 3. FVIS
✓ 4. FUIS

Question ID : **26433056193**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.21 In a certain code language, 'FUEL' is coded as '50' and 'JEER' is coded as '44'. How will 'FARE' be coded in that language?

Ans
✗ 1. 38
✗ 2. 34
✗ 3. 40
✓ 4. 36

Question ID : **26433067343**
Status : **Answered**
Chosen Option : **4**

Q.22 Which of the following interchanges of numbers and mathematical signs would make the given equation correct?
729 × 81 ÷ 20 + 16 − 6 = 50

Ans
✓ 1. 6 and 20, × and ÷
✗ 2. 20 and 50, + and −
✗ 3. 16 and 50, × and +
✗ 4. 16 and 20, + and ÷

Question ID : **26433087053**
Status : **Answered**
Chosen Option : **1**

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Q.23 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
RTM, VZX, ZFI, DLT, ?

Ans
✔ 1. HRE
✘ 2. RST
✘ 3. TMO
✘ 4. HRS

Question ID : **264330104800**
Status : **Answered**
Chosen Option : **1**

Q.24 Select the odd group of numbers. (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. (15 – 220 – 215)
✘ 2. (10 – 100 – 95)
✘ 3. (20 – 400 – 395)
✘ 4. (25 – 625 – 620)

Question ID : **264330105091**
Status : **Answered**
Chosen Option : **1**

Q.25 By interchanging the given two signs and numbers which of the following equation will be not correct?
× and –, 8 and 4
I. 4 + 3× 8 – 2 ÷ 1 = 3
II. 8 × 2 – 4 + 6 ÷ 2 = 11

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

Question ID : **264330105142**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 The Asian Games 2018 were held in which of the following countries?

Ans
✘ 1. South Korea
✔ 2. Indonesia
✘ 3. Japan
✘ 4. China

Question ID : **26433070835**
Status : **Not Answered**
Chosen Option : **--**

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Q.2 When is Raksha Bandhan celebrated in India as per the Hindu calendar?

Ans
✗ 1. Amavasya, Shravan month
✗ 2. Poornima, Ashadha month
✗ 3. Amavasya, Ashadha month
✓ 4. Poornima, Shravan month

Question ID : **26433070820**
Status : **Answered**
Chosen Option : **2**

Q.3 Protection of life and liberty is included under which Article of the Constitution of India?

Ans
✓ 1. Article 21
✗ 2. Article 23
✗ 3. Article 24
✗ 4. Article 20

Question ID : **26433074895**
Status : **Answered**
Chosen Option : **1**

Q.4 Which of the following is NOT the correct match?

Ans
✓ 1. The acid present in tomato – Formic acid
✗ 2. The acid present in orange – citric acid
✗ 3. The acid present in grapes – Tartaric acid
✗ 4. The acid present in rancid butter – Butyric acid

Question ID : **26433082215**
Status : **Answered**
Chosen Option : **3**

Q.5 The percentage of earth's water found in the oceans is_____.

Ans
✗ 1. 94 percent
✓ 2. 97.2 percent
✗ 3. 90.2 percent
✗ 4. 92.2 percent

Question ID : **264330105624**
Status : **Answered**
Chosen Option : **1**

Q.6 Decadal growth rate of population between 2001-2011 is_____.

Ans
✗ 1. 18.70 percent
✗ 2. 15.70 percent
✓ 3. 17.70 percent
✗ 4. 16.70 percent

Question ID : **264330105536**
Status : **Not Answered**
Chosen Option : **--**

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Q.7 The Paramhans Mandali was founded in 1840 at_____to work for the abolition of caste.

Ans
✗ 1. Delhi
✗ 2. Calcutta
✓ 3. Bombay
✗ 4. Madras

Question ID : **26433085307**
Status : **Answered**
Chosen Option : **2**

Q.8 Who was the Mughal emperor, when a massive rebellion against british rule broke out in 1857?

Ans
✗ 1. Farrukhsiyar
✓ 2. Bahadur Shah Zafar
✗ 3. Akbar II
✗ 4. Aurangzeb

Question ID : **264330105547**
Status : **Answered**
Chosen Option : **2**

Q.9 The motion of_____body is an example of uniformly accelerated motion.

Ans
✗ 1. resting
✗ 2. Decelerating
✗ 3. parabolic
✓ 4. freely falling

Question ID : **264330105461**
Status : **Answered**
Chosen Option : **4**

Q.10 Gross primary deficit is the difference between_____.

Ans
✗ 1. revenue deficit and interest receipts
✗ 2. gross fiscal deficit and interest receipts
✗ 3. revenue deficit and interest payments
✓ 4. gross fiscal deficit and net interest liabilities

Question ID : **264330105365**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which of the following folk dances does NOT belong to the state of Madhya Pradesh?

Ans
✓ 1. Laho
✗ 2. Phulpati
✗ 3. Matki
✗ 4. Jawara

Question ID : **26433064649**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Which of the following venues was decided to host the 2022 Asian Games?

Ans
✔ 1. Hangzhou, China
✘ 2. Guangzhou, China
✘ 3. Incheon, South Korea
✘ 4. Jakarta, Indonesia

Question ID : **26433059414**
Status : **Answered**
Chosen Option : **4**

Q.13 The Revolutionary Socialist Party was established in____.

Ans
✘ 1. 1936
✘ 2. 1925
✔ 3. 1940
✘ 4. 1929

Question ID : **26433085288**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Singers Sujatha and Ananthu have been awarded the Kalaimamani Award for the year _____by the Tamil Nadu Government.

Ans
✘ 1. 2022
✘ 2. 2019
✔ 3. 2021
✘ 4. 2020

Question ID : **26433054480**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which of the following element is more reactive than copper?

Ans
✘ 1. Gold
✔ 2. Zinc
✘ 3. Silver
✘ 4. Platinum

Question ID : **264330105476**
Status : **Answered**
Chosen Option : **2**

Q.16 The New Delhi International Arbitration Centre (Amendment) Bill, 2022 was introduced in Lok Sabha on_____.

Ans
✘ 1. June 8, 2022
✘ 2. October 7, 2022
✘ 3. September 6, 2022
✔ 4. August 5, 2022

Question ID : **264330105225**
Status : **Not Answered**
Chosen Option : **--**

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Q.17 **Who has been named as the next chairperson of the Securities and Exchange Board of India in March 2022?**

Ans
✗ 1. Debasish Panda
✓ 2. Madhabi Puri Buch
✗ 3. T. Raja Kumar
✗ 4. Ashwani Bhatia

Question ID : **264330105336**
Status : **Answered**
Chosen Option : **2**

Q.18 **Mangubhai Chhaganbhai Patel was appointed as the Governor of_____in July 2021.**

Ans
✓ 1. Madhya Pradesh
✗ 2. Himachal Pradesh
✗ 3. Uttar Pradesh
✗ 4. Arunachal Pradesh

Question ID : **26433054554**
Status : **Answered**
Chosen Option : **1**

Q.19 **How much purse money was given to a Sangeet Natak Akademi fellow in 2019?**

Ans
✗ 1. ₹4 lakh
2. ₹3 lakh
3. ₹2 lakh
4. ₹1 lakh

Question ID : **26433082152**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Which of the following animals have a single opening in their digestive system that serves both as a mouth and an anus?**

Ans
✗ 1. Arachnids
✗ 2. Echinoderms
✓ 3. Platyhelminthes
✗ 4. Arthropods

Question ID : **26433087855**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Which of the following city of India was a coastal settlement where ships unloaded goods from distant lands between 2200 and 1900 years ago?**

Ans
✗ 1. Karaikal
✗ 2. Veerampattinam
✗ 3. Yanam
✓ 4. Arikamedu

Question ID : **264330105183**
Status : **Not Answered**
Chosen Option : **--**

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Q.22 Which of the following is soda lime?

Ans
1. $Ca(OH)_2 + CaO$
2. $KOH + CaO$
3. $CaCl_2 + CaO$
✔ 4. $NaOH + CaO$

Question ID : **26433066464**
Status : **Answered**
Chosen Option : **1**

Q.23 The Centre introduced a new bill called the Criminal Procedure (Identification) Bill 2022. This Bill will repeal the Identification of Prisoners Act which was established in _____.

Ans
✘ 1. 1930
✘ 2. 1950
✘ 3. 1945
✔ 4. 1920

Question ID : **264330105223**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Where was the first Jute factory in India established?

Ans
✘ 1. Cuttack, Odisha
✘ 2. Ongole, Andhra Pradesh
✔ 3. Rishra, West Bengal
✘ 4. Raigarh, Chhattisgarh

Question ID : **26433089219**
Status : **Answered**
Chosen Option : **3**

Q.25 In which of the following states was 'Kudumbashree,' women-oriented, community–-based, poverty-reduction programme implemented?

Ans
✘ 1. Maharashtra
✔ 2. Kerala
✘ 3. Bihar
✘ 4. Uttar Pradesh

Question ID : **26433065418**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 $16\cos^3\frac{\pi}{6} - 12\cos\frac{\pi}{6} =$ _____.

Ans
✔ 1. 0
✘ 2. 2
✘ 3. 1
✘ 4. -1

Question ID : **26433056358**
Status : **Answered**
Chosen Option : **1**

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Q.2 Two equal circles of radius 8 cm intersect each other in such a way that each passes through the centre of the other. The length of the common chord is:

Ans
✔ 1. $8\sqrt{3}$ cm
2. $\sqrt{3}$ cm
3. $2\sqrt{3}$ cm
4. $4\sqrt{3}$ cm

Question ID : **26433066259**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.3 The table given below shows the number of bicycle sold by six companies.

Companies	Bicycle
A	60
B	90
C	120
D	165
E	180
F	120

What are the ratio of number of bicycle sold by B to the number of bicycle sold by D?

Ans
✘ 1. 11 : 5
✘ 2. 11 : 6
✘ 3. 5 : 13
✔ 4. 6 : 11

Question ID : **264330105716**
Status : **Answered**
Chosen Option : **4**

Q.4 A chord of length 42 cm is drawn in a circle having diameter 58 cm. What is the minimum distance of other parallel chord of length 40 cm in the same circle from 42 cm long chord?

Ans
✘ 1. 4 cm
✔ 2. 1 cm
✘ 3. 3 cm
✘ 4. 2 cm

Question ID : **264330105866**
Status : **Not Answered**
Chosen Option : **--**

Q.5 6 men and 8 women can do a piece of work in 10 days, whereas 26 men and 48 women can do the same work in 2 days. What will be the time taken by 15 men and 20 women to do the same work?

Ans
✘ 1. 6 days
✘ 2. 10 days
✔ 3. 4 days
✘ 4. 8 days

Question ID : **26433075987**
Status : **Answered**
Chosen Option : **3**

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Q.6 The following table gives the subscription of different schemes of a Mutual Fund Company over the months.

(Rupees in crores)

Months	Schemes					Total
	V	W	X	Y	Z	
September	200	70	30	290	10	600
October	120	130	70	150	290	760
November	45	35	25	125	160	390
December	160	110	40	115	130	555
January	80	90	70	100	140	480
February	130	150	30	40	390	740

What is the difference in the subscription of scheme X between December and February?

Ans
✔ 1. 10 crores
✘ 2. 18 crores
✘ 3. 8 crores
✘ 4. 25 crores

Question ID : **26433081611**
Status : **Answered**
Chosen Option : **1**

Q.7 The value of $\frac{428\times428\times428+348\times348\times348}{428\times428-428\times348+348\times348}$ is:

Ans
✔ 1. 776
✘ 2. 62080
✘ 3. 80
✘ 4. 40

Question ID : **26433075223**
Status : **Answered**
Chosen Option : **1**

Q.8 **If the 5-digit number 750PQ is divisible by 3, 7 and 11, then what is the value of P + 2Q?**

Ans
✔ 1. 17
✘ 2. 15
✘ 3. 18
✘ 4. 16

Question ID : **26433063914**
Status : **Answered**
Chosen Option : **1**

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Q.9 Raju, Ravi and Ashok contested an election. 5% votes polled were invalid. Raju got 30% of the total votes. Ravi got 32% of the total votes. The winner got 5136 more votes than the person who received the least number of votes. Find the total number of votes polled.

Ans
✔ 1. 171200
✘ 2. 64200
✘ 3. 171220
✘ 4. 172100

Question ID : **26433066239**
Status : **Answered**
Chosen Option : **1**

Q.10 A horse was sold for Rs.60,000 at a profit of 20%. For what price should he have sold to gain a 30% profit?

Ans
✘ 1. Rs.64,000
✔ 2. Rs.65,000
✘ 3. Rs.50,000
✘ 4. Rs.55,000

Question ID : **26433063471**
Status : **Answered**
Chosen Option : **2**

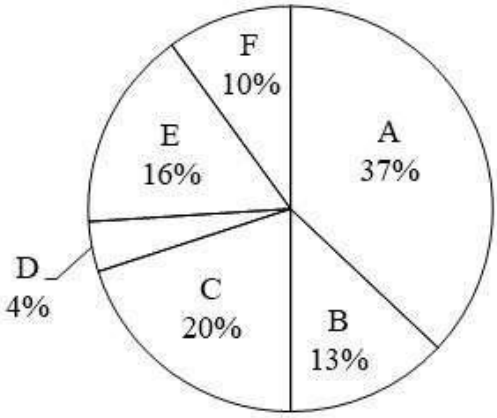
Q.11 If $\frac{a^2+b^2+c^2-1024}{ab-bc-ca} = -2$ and $a + b = 5c$, where $c > 0$, then the value of c is _____.

Ans
✔ 1. 8
✘ 2. 4
✘ 3. 12
✘ 4. 5

Question ID : **26433083084**
Status : **Not Answered**
Chosen Option : **--**

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Q.12 The pie chart given below shows the production of 6 different factories. The total production of all these 6 factories are 22000. The production of a particular factory is shown as a percent of total production of all these 6 factories.



P1 = The value of average production of A, C, D and F.
P2 = The difference between the production of B and E.
What is the value of (P1 + P2)?

Ans
✗ 1. 2525
✗ 2. 6545
✗ 3. 3525
✓ 4. 4565

Question ID : **264330105781**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.13 If p + q = 6 and pq = 4, then what is the value of $p^3 + q^3$?

Ans
✗ 1. 81
✗ 2. 64
✓ 3. 144
✗ 4. 256

Question ID : **264330105917**
Status : **Answered**
Chosen Option : **3**

Q.14 The ratio of two numbers is 5 : 4 and their HCF is 4. What is their LCM?

Ans
✓ 1. 80
✗ 2. 48
✗ 3. 36
✗ 4. 60

Question ID : **26433074255**
Status : **Answered**
Chosen Option : **1**

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Q.15 If $\text{Cos A} = \frac{9}{41}$, find cotA.

Ans
✔ 1. $\frac{9}{40}$
✘ 2. $\frac{41}{40}$
✘ 3. $\frac{40}{9}$
✘ 4. $\frac{9}{41}$

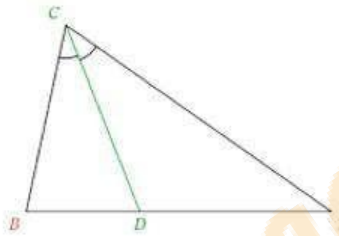
Question ID : **26433065320**
Status : **Answered**
Chosen Option : **1**

Q.16 **A truck runs 492 km on 36 Litter of diesel. How many kilometres can it run on 33 Litter of diesel?**

Ans
✘ 1. 454 km
✘ 2. 453 km
✔ 3. 451 km
✘ 4. 452 km

Question ID : **26433066363**
Status : **Answered**
Chosen Option : **3**

Q.17 In the given triangle, CD is the bisector of $\angle BCA$. CD = DA. If $\angle BDC = 76°$, what is the degree measure of $\angle CBD$?



Ans
1. 32°
✘ 2. 76°
✘ 3. 80°
✔ 4. 66°

Question ID : **26433071287**
Status : **Answered**
Chosen Option : **4**

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Q.18 A dealer buys an old cooler listed at ₹650 and gets successive discounts of 20% and 10%. He spends ₹38 on its repairs and sells it at a profit of 20%. Find the selling price of the cooler.

Ans
✗ 1. ₹7.80

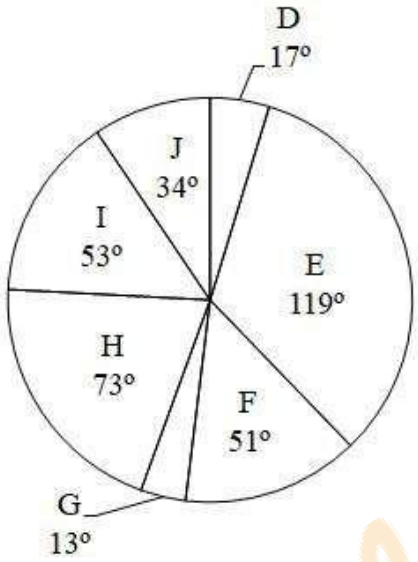
2. ₹700

3. ₹790

✓ 4. ₹607.2

Question ID : **26433075791**
Status : **Answered**
Chosen Option : **4**

Q.19 The pie chart given below shows the sales of 7 different companies. The total sales of all these 7 companies are 2880. The sale of a particular company is shown in terms of degree with respect to the total sales of all these 7 companies.



The average sales of G and H is how much percent more than the average sales of D and I?

Ans
✗ 1. 18.86 percent

✗ 2. 24.25 percent

✗ 3. 56.21 percent

✓ 4. 22.86 percent

Question ID : **264330105778**
Status : **Answered**
Chosen Option : **2**

Q.20 What is the edge of a cube whose volume is equal to the sum of the volumes of the cubes of edge 6 cm, 8 cm and 10 cm?

Ans
✗ 1. 5 cm

✗ 2. 3 cm

✗ 3. 6 cm

✓ 4. 12 cm

Question ID : **26433063912**
Status : **Answered**
Chosen Option : **4**

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Q.21 If Ram covers a certain journey at 60% of his usual speed, he reaches the destination late by 36 min. His usual time (in min) to reach the destination is:

Ans
✗ 1. 60
✗ 2. 72
✗ 3. 50
✓ 4. 54

Question ID : **26433079954**
Status : **Answered**
Chosen Option : **4**

Q.22 If $\tan^2\theta = 1 - a^2$, then the value of $\sec\theta + \tan^3\theta\,\text{cosec}\theta$ is:

Ans
✗ 1. $(2-a)^{\frac{3}{2}}$
✗ 2. $(a^2-1)^{\frac{3}{2}}$
3. $(2-a^2)^{\frac{3}{2}}$
4. $a^{\frac{3}{2}}$

Question ID : **26433075831**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 Two-thirds of a certain distance was covered at the speed of 45 km/h, one-fourth at the speed of 60 km/h and the rest at the speed of 75 km/h. Find the average speed per hour for the whole journey. (correct to 2 decimal places)

Ans
✗ 1. 51.25 km/h
✗ 2. 45.75 km/h
✗ 3. 58.25 km/h
✓ 4. 49.77 km/h

Question ID : **26433074916**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The area of a triangle is 480 cm^2 and the ratio of its sides is 10 : 24 : 26. What is the perimeter of the triangle?

Ans
✓ 1. 120 cm
✗ 2. 30 cm
✗ 3. 150 cm
✗ 4. 60 cm

Question ID : **264330105832**
Status : **Answered**
Chosen Option : **1**

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Q.25 Damani purchased an item costing ₹7,500 and paid ₹3,500 as a down payment for the same. If the simple interest charged for the remaining amount is 9% per annum and Damani cleared all dues after 4 months of the purchase, how much did Damani pay after 4 months as interest?

Ans
✔ 1. ₹120
✘ 2. ₹100
✘ 3. ₹132
✘ 4. ₹125

Question ID : **26433075883**
Status : **Answered**
Chosen Option : **1**

Section : **English Comprehension**

Q.1 Rearrange the parts of the sentence in correct order.
We have been
P. able to identify certain patterns in
Q. the microbiome and immune response
R. that are clearly linked to the progression and
S. severity of brain injury

Ans
✘ 1. PQSR
✘ 2. QPSR
✘ 3. RSPQ
✔ 4. PQRS

Question ID : **264330104685**
Status : **Answered**
Chosen Option : **1**

Q.2 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.

Has Gita any previous knowledge of work with junior colleagues?

Ans
✘ 1. with
✘ 2. Has
✘ 3. any
✔ 4. work

Question ID : **26433089358**
Status : **Answered**
Chosen Option : **3**

Q.3 Select the INCORRECTLY spelt word.

Ans
✘ 1. Cemetery
✘ 2. Accommodate
✘ 3. Intruder
✔ 4. Neccessary

Question ID : **26433061043**
Status : **Answered**
Chosen Option : **4**

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

The monster trucks have very_____engines, they can probably pull a train coach without any problem.

Ans

✗ 1. dominant

✗ 2. forceful

✗ 3. impressive

✓ 4. powerful

Question ID : **26433089745**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the sentences that contains no spelling errors.

Ans

✗ 1. Our government has launched a relatively extensive set of reforms for aborgines inthe country.

✓ 2. Our government has launched a relatively extensive set of reforms for aborigines inthe country.

✗ 3. Our government has launched a relatively extensive set of reforms for aboregynes inthe country.

✗ 4. Our government has launched a relatively extensive set of reforms for aborigynes inthe country.

Question ID : **26433070696**
Status : **Answered**
Chosen Option : **2**

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

The contingent managed to_____successfully.

Ans

✗ 1. park the deal

✓ 2. close the deal

✗ 3. heal the deal

✗ 4. catch the deal

Question ID : **26433088783**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the most appropriate synonym of the bracketed word to fill in the blank.

For Rahul, everything was a_____(modern) experience until he stepped onto the field.

Ans

✓ 1. new

✗ 2. flashy

✗ 3. global

✗ 4. Asiatic

Question ID : **26433060683**
Status : **Answered**
Chosen Option : **2**

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Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Rehan and Ronit are / good friends and / it don't matter to them / as to who is wealthier.

Ans
✗ 1. good friends and
✓ 2. it don't matter to them
✗ 3. Rehan and Ronit are
✗ 4. as to who is wealthier.

Question ID : **26433086308**
Status : **Answered**
Chosen Option : **2**

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

Moral

Ans
✓ 1. Ethical
✗ 2. Honourable
✗ 3. Godliness
✗ 4. Symphony

Question ID : **26433072194**
Status : **Answered**
Chosen Option : **1**

Q.10 Choose the correct meaning of the given idiom.
A skeleton in the cupboard

Ans
✗ 1. A popular fact which is not hidden
✗ 2. A popular fact to be kept secret
✗ 3. An embarrassing fact not to be kept secret
✓ 4. An embarrassing fact to be kept secret

Question ID : **26433060923**
Status : **Answered**
Chosen Option : **2**

Q.11 Rearrange the parts of the sentence in correct order.
The rattlesnake
P. it has specialized Jacobson's
Q. organs, which gives it a heightened
R. knows when to lie low because
S. sense of smell to detect prey

Ans
✓ 1. RPQS
✗ 2. SPRQ
✗ 3. QSPR
✗ 4. QPRS

Question ID : **264330104663**
Status : **Answered**
Chosen Option : **1**

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Q.12 **Choose the most appropriate meaning of the underlined word in the given sentence.**

Even though Margaret had already eaten a large meal, she could not resist eating two slices of the <u>delectable</u> pie.

Ans
✗ 1. Stale
✓ 2. Delicious
✗ 3. Nutritious
✗ 4. Rotten

Question ID : **26433060305**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the correct indirect form of the given sentence.**
She said to me, "The charlatan will be breaking into the safe."

Ans
✓ 1. She told me that the charlatan would be breaking into the safe.
✗ 2. She said to me that the charlatan will be breaking in the safe.
✗ 3. She said to me that the charlatan can be breaking into the safe.
✗ 4. She said to me that the charlatan is breaking into the safe.

Question ID : **264330104609**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the most appropriate meaning of the given idiom.**

Fly into a passion

Ans
✗ 1. To be aggressive at times
✗ 2. To become aggressive often
✓ 3. To become angry suddenly
✗ 4. To be always angry

Question ID : **26433072275**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the correct passive form of the given sentence.**
Shalu has ordered new copies of the album.

Ans
✗ 1. New copies of the album have being ordered by Shalu.
✗ 2. New copies of the album has been ordered by Shalu.
✗ 3. New copies of the album has been order by Shalu.
✓ 4. New copies of the album have been ordered by Shalu.

Question ID : **264330104565**
Status : **Answered**
Chosen Option : **4**

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

God has clearly <u>blessed</u> human beings for his glory.

Ans
1. Appointed
2. Produced
3. Applied
4. Cursed

Question ID : **26433060369**
Status : **Answered**
Chosen Option : **4**

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

A person in love with himself

Ans
1. Narcissist
2. Lunatic
3. Stoic
4. Polyglot

Question ID : **26433073676**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the correct passive form of the given sentence.
He has downloaded the movie on his phone.

Ans
1. The movie has been downloaded by him on his phone.
2. The movie was downloaded by him on his phone.
3. The movie is been downloaded by him on his phone.
4. The movie are being downloaded by him on his phone.

Question ID : **264330104567**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the option that can be used as a one-word substitute for the given group of words.

Giving the worrying impression that something bad is going to happen

Ans
1. Desolate
2. Suspicious
3. Ominous
4. Bleak

Question ID : **26433070670**
Status : **Answered**
Chosen Option : **3**

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Q.20 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

The new shop that opened last week <u>are hardly</u> sufficient stock of the products that it advertised about.

Ans

✗ 1. hardly hadn't

✓ 2. hardly had

✗ 3. hardly is having

✗ 4. is had

Question ID : **26433081312**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully andselect the most appropriate option to fill in each blank.
The Romans had developed a (1)_____for chariot racing. The (2)_____of the game are so excited that sometimes it may (3)_____into chaos, confusion and riots. The (4)_____in which racing took place was called a circus. The (5)_____one was the Circus Maximus in Rome, thatcould hold up to 3,85,000 spectators, which shows the popularity of the sport

SubQuestion No : 21

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

Ans

✓ 1. taste

✗ 2. spoonful

✗ 3. drop

✗ 4. mouthful

Question ID : **26433087426**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully andselect the most appropriate option to fill in each blank.
The Romans had developed a (1)_____for chariot racing. The (2)_____of the game are so excited that sometimes it may (3)_____into chaos, confusion and riots. The (4)_____in which racing took place was called a circus. The (5)_____one was the Circus Maximus in Rome, thatcould hold up to 3,85,000 spectators, which shows the popularity of the sport

SubQuestion No : 22

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

Ans

✗ 1. campaigners

✗ 2. reformers

✗ 3. champions

✓ 4. supporters

Question ID : **26433087427**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully andselect the most appropriate option to fill in each blank.
The Romans had developed a (1)_____for chariot racing. The (2)_____of the game are so excited that sometimes it may (3)_____into chaos, confusion and riots. The (4)_____in which racing took place was called a circus. The (5)_____one was the Circus Maximus in Rome, thatcould hold up to 3,85,000 spectators, which shows the popularity of the sport

SubQuestion No : 23

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

Ans
✗ 1. adapt
✗ 2. reshape
✗ 3. transfigure
✓ 4. convert

Question ID : **26433087428**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully andselect the most appropriate option to fill in each blank.
The Romans had developed a (1)_____for chariot racing. The (2)_____of the game are so excited that sometimes it may (3)_____into chaos, confusion and riots. The (4)_____in which racing took place was called a circus. The (5)_____one was the Circus Maximus in Rome, thatcould hold up to 3,85,000 spectators, which shows the popularity of the sport

SubQuestion No : 24

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

Ans
✓ 1. stadium
✗ 2. circuit
✗ 3. route
✗ 4. track

Question ID : **26433087429**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully andselect the most appropriate option to fill in each blank.
The Romans had developed a (1)_____for chariot racing. The (2)_____of the game are so excited that sometimes it may (3)_____into chaos, confusion and riots. The (4)_____in which racing took place was called a circus. The (5)_____one was the Circus Maximus in Rome, thatcould hold up to 3,85,000 spectators, which shows the popularity of the sport

SubQuestion No : 25

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

Ans
✗ 1. larger
✗ 2. highest
✓ 3. largest
✗ 4. higher

Question ID : **26433087430**
Status : **Answered**
Chosen Option : **3**