SSC CGL 2022 TIER 1 DECEMBER 9, 2022 SHIFT 3 QUESTION PAPER

Exam Date	09/12/2022
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 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.
7 : 330 :: ? : 203 :: 9 : 716

Ans
✗ 1. 14

✗ 2. 16

✓ 3. 6

✗ 4. 4

Question ID : **26433059933**
Status : **Answered**
Chosen Option : **3**

Q.2 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 son of B'
If P – Q % R & S + T, then how is P related to T?

Ans
✗ 1. Mother-in-law

✗ 2. Sister

✓ 3. Mother

✗ 4. Daughter

Question ID : **26433059902**
Status : **Answered**
Chosen Option : **3**

Q.3 By Interchanging the given two numbers which of the following equation will be correct?
8 and 2

Ans
✗ 1. 7 ÷ 2 – 8 × 4 + 1 = 0

✗ 2. 2 × 4 – 8 + 5 ÷ 1 = 50

✓ 3. 8 × 4 + 6 – 2 ÷ 1 = 6

✗ 4. 8 × 4 – 9 ÷ 3 + 2 = 35

Question ID : **264330105102**
Status : **Answered**
Chosen Option : **3**

Q.4 Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?

$$18 + (12 \times 6) + (63 \div 7) \times 4 + (27)^{\frac{1}{3}} - 11 = 112$$

Ans ✗ 1. 18 and 11

✗ 2. 12 and 4

✔ 3. 6 and 4

✗ 4. 18 and 12

Q.5 Which of the following letter clusters will replace the question mark (?) and complete the following letter cluster series?
OG, RL, XQ, GV, ?

Ans ✔ 1. SA

✗ 2. RZ

✗ 3. SB

✗ 4. RA

Q.6 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1- History
2- Historian
3- Hobnail
4- Historical
5- Hobnob

Ans ✗ 1. 4, 1, 2, 5, 3

✔ 2. 2, 4, 1, 3, 5

✗ 3. 2, 1, 4, 5, 3

✗ 4. 1, 2, 4, 3, 5

Q.7 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)
Milk : Litre :: Sugar : ?

Ans ✗ 1. Hectare

✗ 2. Kilometer

✗ 3. Metre

✔ 4. Kilogram

Q.8 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 R are H.
II. Some T are R.
Conclusion:
I. All H are R.
II. All T are H.
III. No R is T.

Ans ✔ 1. Neither conclusion follows

✘ 2. Both conclusions I and II follows

✘ 3. All conclusion follows

✘ 4. Only conclusion III follows

Question ID : **264330104932**
Status : **Answered**
Chosen Option : **1**

Q.9 In a certain code language, 'KNIGHT' is written as 'PMRTSG' and 'FELLOW' is written as 'UVOOLD'. How will 'DECENT' be written in that language?

Ans ✘ 1. WXVVMG

✔ 2. WVXVMG

✘ 3. WVXMVG

✘ 4. WVXVGM

Question ID : **26433059883**
Status : **Answered**
Chosen Option : **2**

Q.10 In a certain code language, 'FUND' is written as 'FOVH' and 'SEND' is written as 'FOFU'. How will 'GIFT' be written in that language?

Ans ✘ 1. HIGW

✘ 2. IKGV

✔ 3. VGJI

✘ 4. IIGV

Question ID : **26433069569**
Status : **Answered**
Chosen Option : **3**

Q.11 If A + B means that A is the father of B, A ÷ B means that A is the mother of B, A × B means that A is the brother of B then which of the following expression shows that Q is the sister of P?

Ans ✘ 1. P × Q + R

✘ 2. P + R × Q

✔ 3. P × Q ÷ R

✘ 4. Q × P ÷ R

Question ID : **264330104987**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words.
(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)
Length : Metre

Ans　✔ 1. Electric current : Ampere

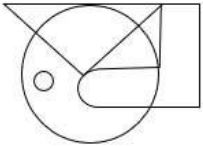　　✘ 2. Mass : Heavy

　　✘ 3. Temperature : Hot

　　✘ 4. Volume : Light

Q.13 Select the option figure which is embedded in the given figure (rotation is NOT allowed).

Ans

　✘ 1.

　✔ 2.

　✘ 3.

　✘ 4.
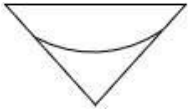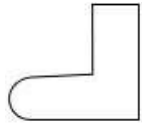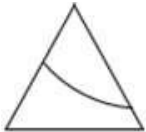
Q.14 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans　✘ 1. XYZ

　　✔ 2. LNM

　　✘ 3. ABC

　　✘ 4. IJK

Q.15 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).
(56, 6, 34)
(102, 27, 78)

Ans ✗ 1. (79, 51, 103)

✔ 2. (76, 34, 72)

✗ 3. (63, 23, 55)

✗ 4. (52, 22, 38)

Q.16 By Interchanging the given two numbers which of the following equation will be correct?
5 and 9

Ans ✗ 1. $9 - 5 \times 4 + 6 \div 3 = 30$

✗ 2. $9 \times 3 + 5 \div 1 - 6 = 20$

✗ 3. $7 \times 9 + 5 - 8 \div 4 = 40$

✔ 4. $9 \times 4 + 5 - 8 \div 2 = 25$

Q.17 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:
Some apples are fruits.
All fruits are vegetables.
No vegetable is healthy.
Conclusions:
I- No apple is healthy.
II- No healthy is vegetable.
III- Some vegetables are apples.

Ans ✗ 1. Only conclusions I and II follow.

✗ 2. Only conclusions I and III follow.

✗ 3. All conclusions follow.

✔ 4. Only conclusions II and III follow.

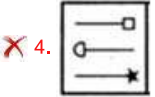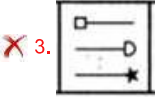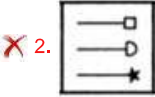**Q.18** Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✓ 1.

✗ 2.

✗ 3.

✗ 4.

Q.19 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. 32 – 65

✗ 2. 12 – 25

✓ 3. 28 – 56

✗ 4. 26 – 53

Q.20 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.
27 : 713 :: 32 : ? :: 35 : 1209

Ans ✗ 1. 1024

✗ 2. 1100

✗ 3. 1105

✓ 4. 1008

Q.21 Select the correct mirror image of the given combination when the mirror is placed at line MN as shown.

M

G k r 4 2 h |

N

Ans ✗ 1. ꓸꓩꓯꓹkꓤ

✗ 2. ꓸꓢ4rꓘꓤ

✗ 3. ꓴꓢꓯꓹꓘꓤ

✓ 4. ꓸꓢꓯꓹꓘꓤ

Q.22 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '1'.
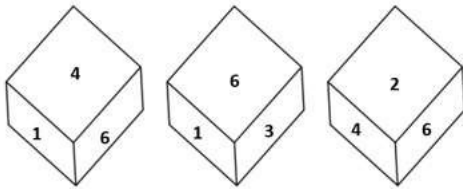
Figure 1   Figure 2   Figure 3

Ans ✓ 1. 2

✗ 2. 6

✗ 3. 3

✗ 4. 4

Q.23 Select the figure that will replace the question mark (?) in the following figure series.

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
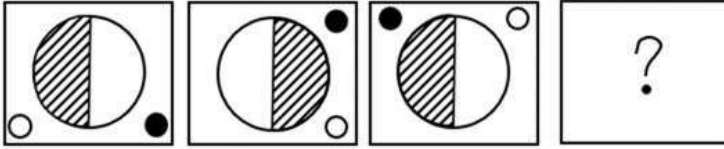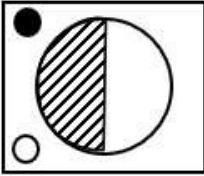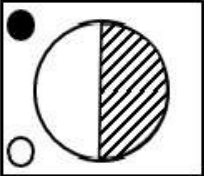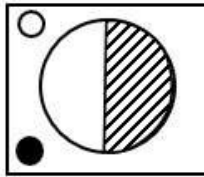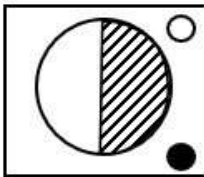
Question ID : 26433065978
Status : **Answered**
Chosen Option : **3**

Q.24 Which of the following number will replace the question mark (?) in the given series?
137, 114, ?, 91, 183

Ans ✗ 1. 145

✔ 2. 160

✗ 3. 125

✗ 4. 112

Question ID : 26433068841
Status : **Answered**
Chosen Option : **2**

Q.25 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

SMQ, WUZ, ACI, EKR, ?

Ans ✅ 1. ISA

❌ 2. IMR

❌ 3. NMR

❌ 4. QRT

Question ID : **264330104811**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 How many Lok Sabha constituencies are there in India?

Ans ❌ 1. 553

❌ 2. 523

✅ 3. 543

❌ 4. 533

Question ID : **26433064849**
Status : **Answered**
Chosen Option : **3**

Q.2 In 1887, the Royal Society, London gave the Davy Medal for the 'discovery of the periodic law of chemical elements' to _____.

Ans ❌ 1. AEB de Chancourtois

❌ 2. Dmitri Mendeleev

❌ 3. Lothar Meyer

✅ 4. John Alexander Newland

Question ID : **26433064088**
Status : **Answered**
Chosen Option : **2**

Q.3 Name the committee formed for the Village and Small-scale Industries in 1955?

Ans ❌ 1. Rangarajan Committee

❌ 2. Basel Committee

✅ 3. Karve Committee

❌ 4. Narasimhan Committee

Question ID : **26433065447**
Status : **Answered**
Chosen Option : **1**

Q.4 In November 2022, technology Transfer Scheme is implemented by which of these states?

Ans ❌ 1. Uttar Pradesh

❌ 2. Andhra Pradesh

❌ 3. Maharashtra

✅ 4. Kerala

Question ID : **264330105249**
Status : **Answered**
Chosen Option : **3**

Q.5 Who among the following performed a ritual called 'hiranya-garbha'?

Ans ✔ **1.** Dantidurga

    ✘ **2.** Govinda I

    ✘ **3.** Dhruva Dharavarsha

    ✘ **4.** Krishna I

Question ID : **264330105402**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Which of the following Acts of the British Parliament stated that a member of the British Cabinet was appointed Secretary of State for India?

Ans ✘ **1.** Indian Council Act of 1861

    ✔ **2.** Government of India Act of 1858

    ✘ **3.** Regulating Act, 1773

    ✘ **4.** Charter Act of 1853

Question ID : **26433085264**
Status : **Answered**
Chosen Option : **3**

Q.7 Against whom was the Battle of Plassey (1751) fought by the English Company led by Robert Clive?

Ans ✘ **1.** Nizam of Awadh

    ✔ **2.** Siraj Ud Daulah

    ✘ **3.** Murshid Quli Khan

    ✘ **4.** Shaan Nawab

Question ID : **264330105558**
Status : **Answered**
Chosen Option : **2**

Q.8 In July 2022, the Supreme Court accepted the report of the Banthia Commission. In its report, the commission recommended that OBCs should be given up to _____ reservation in local bodies.

Ans ✔ **1.** 27 percent

    ✘ **2.** 15 percent

    ✘ **3.** 24 percent

    ✘ **4.** 20 percent

Question ID : **264330105238**
Status : **Answered**
Chosen Option : **1**

Q.9 The mode of transport to reach the most remote and distant areas which are most inaccessible is _____.

Ans ✘ **1.** Waterways

    ✘ **2.** Roadways

    ✘ **3.** Railways

    ✔ **4.** Airways

Question ID : **264330105596**
Status : **Answered**
Chosen Option : **1**

Q.10 How many rights are mentioned under "Right to Equality"?

Ans   ✗ 1. 3

     ✗ 2. 6

     ✓ 3. 5

     ✗ 4. 4

Question ID : **26433086668**
Status : **Answered**
Chosen Option : **2**

Q.11 Which low-calorie sweetener has the chemical formula $C_{14}H_{18}N_2O_5$ that is two hundred times sweeter than sugar?

Ans   ✗ 1. Saccharin

     ✓ 2. Aspartame

     ✗ 3. Sucralose

     ✗ 4. Neotame

Question ID : **26433092181**
Status : **Marked For Review**
Chosen Option : **1**

Q.12 Techniques of making silk were first invented in China around _____ years ago.

Ans   ✓ 1. 7000

     ✗ 2. 3000

     ✗ 3. 9000

     ✗ 4. 5000

Question ID : **264330105187**
Status : **Answered**
Chosen Option : **4**

Q.13 The first edition of the Common wealth Youth Games was organised in which of the following years?

Ans   ✗ 1. 2008

     ✗ 2. 2012

     ✓ 3. 2000

     ✗ 4. 2016

Question ID : **26433071546**
Status : **Not Answered**
Chosen Option : **--**

Q.14 The ceremony that marks the end of Republic Day celebrations is _____.

Ans   ✓ 1. the beating retreat ceremony

     ✗ 2. the fly-past by the Indian Air Force fighter aircraft

     ✗ 3. the 'At Home' ceremony at Rashtrapati Bhawan

     ✗ 4. the homage ceremony at National War Memorial

Question ID : **26433086584**
Status : **Answered**
Chosen Option : **3**

Q.15 Which of the following pairs of countries hosted the FIVB Volleyball Men's World Championship in 2022?

Ans
✗ 1. Bulgaria and Slovenia

✗ 2. Italy and Bulgaria

✓ 3. Poland and Slovenia

✗ 4. Italy and Poland

Question ID : **26433059410**
Status : **Answered**
Chosen Option : **1**

Q.16 Polar easterlies are which kind of winds?

Ans
✗ 1. Seasonal winds

✓ 2. Permanent winds

✗ 3. Sea storm

✗ 4. Local winds

Question ID : **264330105651**
Status : **Answered**
Chosen Option : **1**

Q.17 _____ took over the charge of Director General of Employees' State Insurance Corporation in October 2022.

Ans
✗ 1. Ravi Mittal

✗ 2. Suchitra K Ella

✗ 3. Ajay Bhushan Pandey

✓ 4. Rajendra Kumar

Question ID : **264330105354**
Status : **Answered**
Chosen Option : **3**

Q.18 Identify the longest part of bacterial flagellum.

Ans
✗ 1. Basal body

✗ 2. Hook

✗ 3. Tail

✓ 4. Filament

Question ID : **26433064761**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Borgeet, a musical composition, is used in which of the following classical dances of India?

Ans
✗ 1. Manipuri

✗ 2. Kathak

✓ 3. Sattriya

✗ 4. Bharatanatyam

Question ID : **26433064290**
Status : **Answered**
Chosen Option : **3**

Q.20 Which of the following cells line the spongocoels and canals in members of the phylum Porifera?

Ans ✗ 1. Somatic cells

✓ 2. Collar cells

✗ 3. White cells

✗ 4. Sex cells

Question ID : **26433087858**

Status : **Not Answered**

Chosen Option : **--**

Q.21 Chilika lake is situated in which of the following states?

Ans ✗ 1. Karnataka

✗ 2. Kerala

✓ 3. Odisha

✗ 4. Andhra Pradesh

Question ID : **26433066519**

Status : **Answered**

Chosen Option : **3**

Q.22 Which of the following sites do "Not" have coal mines?

Ans ✓ 1. Sonipat

✗ 2. Neyveli

✗ 3. Korba

✗ 4. Singareni

Question ID : **264330105503**

Status : **Answered**

Chosen Option : **1**

Q.23 Hema Malini, a well-known Bharatnatyam dancer and Bollywood actor, received which of the following honours of Indian civilians given by the Government of India in 2000?

Ans ✗ 1. Bharat Ratna

✓ 2. Padma Shri

✗ 3. Padma Bhushan

✗ 4. Padma Vibhushan

Question ID : **26433074833**

Status : **Answered**

Chosen Option : **3**

Q.24 Which of the following dance forms is performed to Carnatic music?

Ans ✗ 1. Kathak

✓ 2. Kuchipudi

✗ 3. Odissi

✗ 4. Sattriya

Question ID : **26433054865**

Status : **Answered**

Chosen Option : **1**

Q.25 If marginal propensity to consume is denoted by c, then government expenditure multiplier can be expressed as _____.

Ans ✘ 1. c

     ✔ 2. 1/1-c

     ✘ 3. 1/c

     ✘ 4. -1/c

Section : **Quantitative Aptitude**

Q.1 Monty paid a simple interest of ₹480 on a particular sum after 2 years. The rate was 8% per annum. Find the sum.

Ans ✘ 1. ₹2,200

     ✘ 2. ₹2,000

     ✔ 3. ₹3,000

     ✘ 4. ₹2,500

Q.2 The curved surface area of a right circular cone of base radius 21 cm is 594 sq. cm. What is the slant height of the cone?

Ans ✘ 1. 15 cm

     ✘ 2. 11 cm

     ✔ 3. 9 cm

     ✘ 4. 6 cm

Q.3 If it is given that for two right angled triangles ABC and DFE, $\angle A = 25°, \angle E = 25°, \angle B = \angle F = 90°$ and AC = ED, then which one of the following is TRUE?

Ans ✘ 1. $\triangle ABC \cong \triangle FED$

     ✘ 2. $\triangle ABC \cong \triangle DFE$

     ✔ 3. $\triangle ABC \cong \triangle EFD$

     ✘ 4. $\triangle ABC \cong \triangle DEF$

Q.4

The HCF of $\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{6}$ and $\frac{7}{8}$ is:

Ans

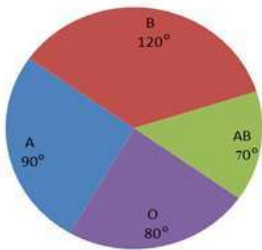✗ 1. $\frac{105}{2}$

✓ 2. $\frac{1}{24}$

✗ 3. $\frac{7}{24}$

✗ 4. $\frac{1}{48}$

Q.5 The following pie-chart shows the data regarding the donors of A, B, O and AB blood groups.

The ratio of the number of donors of blood group 'O' to the average of the number of donors of blood groups 'A' and 'AB' together is:

Ans ✗ 1. 2 : 3

✓ 2. 1 : 1

✗ 3. 2 : 1

✗ 4. 1 : 2

Q.6 Abha and Anuj working together completed a job in $\frac{40}{9}$ days. If Abha had worked twice as efficiently as she actually did and Anuj had worked $\frac{1}{3}$ of his actual efficiency, then the work would have been completed in $\frac{60}{17}$ days. Find the time Abha would take to complete the work alone.

Ans ✗ 1. 10 days

✓ 2. 8 days

✗ 3. 12 days

✗ 4. 6 days

Q.7 If $p - \dfrac{1}{p} = 6$, then what is the value of $p^4 + \dfrac{1}{p^4}$?

Ans ✗ 1. 1562

  ✗ 2. 1432

  ✓ 3. 1442

  ✗ 4. 1444

> Question ID : 264330105946
> Status : **Answered**
> Chosen Option : **3**

Q.8 In a 7-digit number 89476*2, what is the smallest possible value of * such that the number is divisible by 8?

Ans ✗ 1. 2

  ✗ 2. 1

  ✗ 3. 4

  ✓ 4. 3

> Question ID : 26433065260
> Status : **Answered**
> Chosen Option : **4**

Q.9 A megastore is offering 20% discount on all grocery items. Sakshi bought one grocery item marked at Rs.400. What is its cost price if the store earned a profit of 25% after giving the discount?

Ans ✓ 1. Rs.256

  ✗ 2. Rs.280

  ✗ 3. Rs.380

  ✗ 4. Rs.320

> Question ID : 26433075062
> Status : **Answered**
> Chosen Option : **1**

Q.10 Simplify $x^4 - 15x^3 + 15x^2 - 15x + 40$; given x = 14.

Ans ✗ 1. 0

  ✗ 2. 40

  ✗ 3. 14

  ✓ 4. 26

> Question ID : 26433091951
> Status : **Answered**
> Chosen Option : **2**

Q.11 If $\triangle ABC \cong \triangle PQR$, $BC = 6\,cm$, and $\angle A = 75^0$, then which one of the following is true?

Ans ✗ 1. $QR = 6 \text{ cm}, \angle R = 75^0$

  ✗ 2. $QR = 6 \text{ cm}, \angle Q = 75^0$

  ✓ 3. $QR = 6 \text{ cm}, \angle P = 75^0$

  ✗ 4. $PR = 6 \text{ cm}, \angle P = 75^0$

> Question ID : 26433063817
> Status : **Answered**
> Chosen Option : **3**

Q.12 A thief running at speed of 'x' km/h is chased by a policeman running at a speed of 10 km/h. If the thief is ahead by 100 metres, the policeman catches the thief after 3 minutes. At what speed is the thief running ('x' being the unknown speed)?

Ans ✗ 1. 4 km/h

   ✓ 2. 8 km/h

   ✗ 3. 10 km/h

   ✗ 4. 6 km/h

Q.13 A person covers a certain distance by bus at 45 km/h and immediately returns to the starting point by car at a speed of 80 km/h. What is his average speed during the whole journey?

Ans ✓ 1. 57.6 km/h

   ✗ 2. 63.2 km/h

   ✗ 3. 73.5 km/h

   ✗ 4. 45.5 km/h

Q.14 The table given below shows the cost of two fruits in five different shops.

Shops	Fruits	
	A	B
P	75	140
Q	120	90
R	50	35
S	70	85
T	95	96

What is the difference between the cost of fruits A and B in all five shops together?

Ans ✗ 1. 24

   ✓ 2. 36

   ✗ 3. 20

   ✗ 4. 48

Q.15 If $\sin \theta = \frac{8}{17}$ where θ is an acute angle, then what is the value of $\tan \theta + \cot \theta$?

Ans

✗ 1. $\dfrac{217}{110}$

✗ 2. $\dfrac{281}{190}$

✓ 3. $\dfrac{289}{120}$

✗ 4. $\dfrac{512}{321}$

Q.16 In a certain shop, the profit is 130% of the cost. If the cost increases by 28% and the selling price remains constant, then what is the profit percentage to the nearest whole number?

Ans ✗ 1. 75%

✗ 2. 60%

✗ 3. 59%

✓ 4. 80%

Q.17 The table given below shows the number of boys and girls in a school in 6 years.

Years	Boys	Girls
A	80	70
B	60	50
C	120	100
D	100	140
E	160	40
F	90	80

What is the ratio of number of boys in year A and C together to the number of girls in year E and F together?

Ans ✗ 1. 7 : 2

✗ 2. 7 : 3

✓ 3. 5 : 3

✗ 4. 5 : 2

Q.18

If $\sin^2\theta\cos^2\theta = \dfrac{2}{9}$, then what will be the value of $\csc^2\theta + \sec^2\theta$?

Ans ✘ 1. 7/2

✘ 2. 5/2

✔ 3. 9/2

✘ 4. $9\sqrt{2}$

Q.19 The side of an equilateral triangle is 36 cm. What is the radius of the circle circumscribing this equilateral triangle?

Ans

✘ 1. $13\sqrt{3}$ cm

✘ 2. $10\sqrt{3}$ cm

✔ 3. $12\sqrt{3}$ cm

✘ 4. $9\sqrt{3}$ cm

Q.20 The value of $\dfrac{146\times146\times146 - 143\times143\times143}{146\times146 + 143\times143 + 146\times143}$ is:
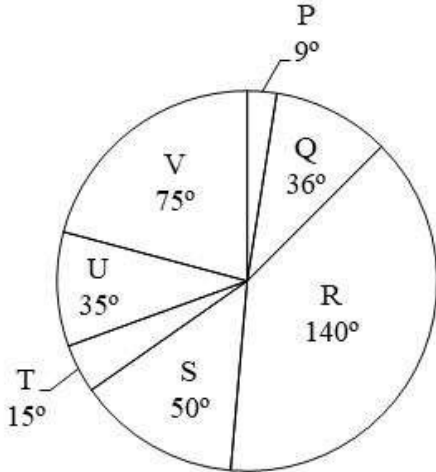
Ans ✘ 1. 0

✔ 2. 3

✘ 3. 289

✘ 4. 1

Q.21 If $2\dfrac{\cos^2 x - \sec^2 x}{\tan^2 x} = a + b\cos 2x$, then a, b= ?

Ans

✘ 1. $\dfrac{-3}{2}, \dfrac{-1}{2}$

✘ 2. $\dfrac{3}{2}, \dfrac{1}{2}$

✔ 3. −3, −1

✘ 4. 3, 1

Q.22 The pie chart given below shows the sales of 7 different companies. The total sales of all these 7 companies are 3600. The sale of a particular company is shown in terms of degree with respect to the total sales of all these 7 companies.

Which of the following statement is correct?
I. The ratio of average sale of company P and Q to the average sale of T and U is 9 : 10.
II. The difference between the total sale of company R and S and the sale of V is 1050.

Ans ✗ 1. Neither I nor II

✗ 2. Only II

✓ 3. Only I

✗ 4. Both I and II

Question ID : 264330105776
Status : **Answered**
Chosen Option : **3**

Q.23 Three positive numbers are in the ratio of 4 : 5 : 7, and the sum of their squares is 15,210. Find the sum of the three numbers.

Ans ✗ 1. 148

✗ 2. 156

✗ 3. 126

✓ 4. 208

Question ID : 26433063785
Status : **Answered**
Chosen Option : **4**

Q.24 The perpendicular distance between the centre of a circle and the longest chord of that circle is _____.

Ans ✗ 1. 1

✓ 2. 0

✗ 3. 2

✗ 4. π

Question ID : 26433082696
Status : **Answered**
Chosen Option : **2**

Q.25 During the first year, the strength of a school increased by 12%, in the second year it decreased by 12% and in the third year it increased by 10%. At the end of the third year its strength was nearly 10842. What was the strength at the beginning of the first year?

Ans ✗ 1. 8000

✓ 2. 10000

✗ 3. 6500

✗ 4. 12000

Question ID : **26433075937**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

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

Mary was cooking the meal.

Ans ✗ 1. The meal were being cooked by Mary.

✗ 2. The meal was already being cooked by Mary.

✗ 3. Mary was about to cook the meal.

✓ 4. The meal was being cooked by Mary.

Question ID : **26433093881**
Status : **Answered**
Chosen Option : **4**

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

Strong hostility

Ans ✗ 1. Animalistic

✗ 2. Anonymity

✗ 3. Comity

✓ 4. Animosity

Question ID : **26433070668**
Status : **Answered**
Chosen Option : **4**

Q.3 Rearrange the parts of the sentence in correct order.
American alligators were
P. now this species is classified as least concern
Q. list in 1967, their population increased and
R. once threatened by extinction but
S. after being placed on the endangered species

Ans ✗ 1. SQPR

✗ 2. RPQS

✓ 3. RSQP

✗ 4. PQSR

Question ID : **264330104672**
Status : **Answered**
Chosen Option : **3**

Q.4 In the given sentence the underlined word may have been incorrectly spelt. Identify the option that rectifies the spelling. If there is no error in spelling, select 'No error'.

The <u>ameteur</u> sculptor received an award at the international sculpting competition.

Ans ✗ 1. ameature

✗ 2. No error

✔ 3. amateur

✗ 4. ameateur

Question ID : **26433058638**
Status : **Answered**
Chosen Option : **3**

Q.5 Select the INCORRECTLY spelt word.

Ans ✗ 1. Pollen

✗ 2. Mousy

✗ 3. Quasi

✔ 4. Quever

Question ID : **26433063147**
Status : **Answered**
Chosen Option : **4**

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

We have only just enough money to live on now, and if my husband loses his job, we'll really <u>be up again it</u>.

Ans ✗ 1. be up gone it

✗ 2. be up across it

✗ 3. be up cross it

✔ 4. be up against it

Question ID : **26433071931**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the most appropriate synonym of the underlined word.

The foreign company is <u>chary</u> of investing in Africa.

Ans ✗ 1. Keen

✗ 2. Fervent

✗ 3. Confident

✔ 4. Cautious

Question ID : **26433070505**
Status : **Marked For Review**
Chosen Option : **3**

Q.8 Select the most appropriate meaning of the underlined idiom.
The new intern is a <u>greenhorn</u> and thus his superiors take advantage of him.

Ans ✔️ 1. Inexperienced

❌ 2. Jealous

❌ 3. Overenthusiastic

❌ 4. Sick

Question ID : **26433060191**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the most appropriate adverb to fill in the blank.

Nitha can assemble the students of her class _____.

Ans ❌ 1. perfect

❌ 2. distract

❌ 3. slow

✔️ 4. quickly

Question ID : **26433089273**
Status : **Answered**
Chosen Option : **4**

Q.10 Fill in the blank with the correct collocation.

Of course, we agree with that measure, it is _____ sensible.

Ans ❌ 1. slightly

❌ 2. hardly

❌ 3. partially

✔️ 4. perfectly

Question ID : **26433090503**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the most appropriate synonym of the given word from the following sentence.
Encountered
Many people have been experiencing the starting of heat wave and some of them have
avoided going outside their homes.

Ans ❌ 1. Outside

❌ 2. Starting

❌ 3. Avoided

✔️ 4. Experiencing

Question ID : **26433072808**
Status : **Answered**
Chosen Option : **4**

Q.12 Parts of the following sentence have been given as options. Select the option that contains a grammatical error.

The wedding gown / looked decently / despite being / studded wit jewels.

Ans ✗ 1. The wedding gown

✗ 2. despite being

✔ 3. looked decently

✗ 4. studded with jewels.

Question ID : **26433073826**

Status : **Answered**

Chosen Option : **3**

Q.13 Select the most appropriate ANTONYM of the underlined word.
The soldiers were <u>irresolute</u> and so, they won the war for the infantry and the country.

Ans ✗ 1. harsh

✗ 2. variant

✗ 3. default

✔ 4. decisive

Question ID : **26433059733**

Status : **Answered**

Chosen Option : **2**

Q.14 Select the most appropriate synonym of the given word.

Anger

Ans ✗ 1. Pleasure

✔ 2. Fury

✗ 3. Comfort

✗ 4. Agony

Question ID : **26433060889**

Status : **Answered**

Chosen Option : **3**

Q.15 Select the most appropriate option to complete the given sentence.
She raised a _____ when she saw her luggage missing.

Ans ✔ 1. hue and cry

✗ 2. spick and span

✗ 3. hand and foot

✗ 4. whip and spur

Question ID : **26433084704**

Status : **Marked For Review**

Chosen Option : **1**

Q.16 Select the correct direct form of the given sentence.
The old man asked the boy where the postman was.

Ans ✗ 1. The old man says to the boy, "Where is the postman?"

✗ 2. The old man said to the boy, "Where has been the postman?"

✔ 3. The old man said to the boy, "Where is the postman?"

✗ 4. The old man said to the boy, "Where was the postman?"

Question ID : **264330104648**

Status : **Answered**

Chosen Option : **3**

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

Sanjay rolled the marble through a small plastic pipe.

Ans ✗ 1. A small plastic pipe was rolled through a marble by Sanjay.

✓ 2. The marble was rolled through a small plastic pipe by Sanjay.

✗ 3. The marble was rolled by Sanjay in a small plastic pipe.

✗ 4. The marble through a small plastic pipe was rolled by Sanjay.

Question ID : 26433090399
Status : **Answered**
Chosen Option : **2**

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

Murder of an infant

Ans ✗ 1. Foeticide

✗ 2. Feticide

✗ 3. Sacrifice

✓ 4. Infanticide

Question ID : 26433061038
Status : **Answered**
Chosen Option : **4**

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

A.If things get out of control, competition might become totally toxic.
B.Competition is the act of participating in a contest and the strive to finish first.
C.Competition enables those who effectively deal well enough to grow and realise their skills and talents.
D.The essence of competition is placing oneself against one's contemporaries and frequently against oneself.

Ans ✗ 1. CABD

✓ 2. BDCA

✗ 3. DCAB

✗ 4. ADBC

Question ID : 26433070631
Status : **Answered**
Chosen Option : **2**

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

Blind by a dust storm, they fell into disorder.

Ans ✗ 1. Have been blind

✓ 2. Blinded

✗ 3. Blinding

✗ 4. Being blind

Question ID : 26433088832
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

Allegiance to one's favourite team is something that sports fans 1 _____ over a period of time. They are so attached to their favourite teams that they could display 2 _____ emotions, not just during the course of the match, but much after the actual event is over. This phenomenon, 3 _____ common across the globe, is more seen in countries like Brazil, India, the US and even the UK, where the favourite sport may not be the same in each of these nations. In spite of this craze and hysteria, sport has 4 _____ a long way. It is accepted as one of the world's most 5 _____ pastimes ever.

SubQuestion No : 21

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

Ans ✗ 1. crave

  ✗ 2. infer

  ✔ 3. develop

  ✗ 4. defer

Question ID : **26433073956**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

Allegiance to one's favourite team is something that sports fans 1 _____ over a period of time. They are so attached to their favourite teams that they could display 2 _____ emotions, not just during the course of the match, but much after the actual event is over. This phenomenon, 3 _____ common across the globe, is more seen in countries like Brazil, India, the US and even the UK, where the favourite sport may not be the same in each of these nations. In spite of this craze and hysteria, sport has 4 _____ a long way. It is accepted as one of the world's most 5 _____ pastimes ever.

SubQuestion No : 22

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

Ans ✗ 1. hurried

  ✔ 2. varied

  ✗ 3. dread

  ✗ 4. concrete

Question ID : **26433073957**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

Allegiance to one's favourite team is something that sports fans 1 _____ over a period of time. They are so attached to their favourite teams that they could display 2 _____ emotions, not just during the course of the match, but much after the actual event is over. This phenomenon, 3 _____ common across the globe, is more seen in countries like Brazil, India, the US and even the UK, where the favourite sport may not be the same in each of these nations. In spite of this craze and hysteria, sport has 4 _____ a long way. It is accepted as one of the world's most 5 _____ pastimes ever.

SubQuestion No : 23

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

Ans ✔ 1. though

✘ 2. in spite of

✘ 3. as

✘ 4. despite

Question ID : **26433073958**
Status : **Answered**
Chosen Option : **4**

Comprehension:

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

Allegiance to one's favourite team is something that sports fans 1 _____ over a period of time. They are so attached to their favourite teams that they could display 2 _____ emotions, not just during the course of the match, but much after the actual event is over. This phenomenon, 3 _____ common across the globe, is more seen in countries like Brazil, India, the US and even the UK, where the favourite sport may not be the same in each of these nations. In spite of this craze and hysteria, sport has 4 _____ a long way. It is accepted as one of the world's most 5 _____ pastimes ever.

SubQuestion No : 24

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

Ans ✘ 1. fame

✘ 2. came

✔ 3. come

✘ 4. game

Question ID : **26433073959**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

Allegiance to one's favourite team is something that sports fans 1 _____ over a period of time. They are so attached to their favourite teams that they could display 2 _____ emotions, not just during the course of the match, but much after the actual event is over. This phenomenon, 3 _____ common across the globe, is more seen in countries like Brazil, India, the US and even the UK, where the favourite sport may not be the same in each of these nations. In spite of this craze and hysteria, sport has 4 _____ a long way. It is accepted as one of the world's most 5 _____ pastimes ever.

SubQuestion No : 25

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

Ans   ✔ 1. entertaining

   ✘ 2. tiresome

   ✘ 3. inhibited

   ✘ 4. detrimental

Question ID : 26433073960
Status : **Answered**
Chosen Option : **1**

Roll Number	www.HaryanaJobs.in
Candidate Name	www.HaryanaJobs.in
Venue Name	TCS Gito Bitan
Exam Date	09/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 In a certain code language, 'FLOAT' is written as 'WONZI' and 'TRIBE' is written as 'DUHEW'. How will 'GARDEN' be written in that language?

Ans ✗ 1. QZQGDJ

✗ 2. QZUHDJ

✓ 3. QZUGDJ

✗ 4. QDUGHJ

Question ID : **26433067580**
Status : **Not Answered**
Chosen Option : **--**

Q.2 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)
(21, 33, 31)
(42, 17, 26)

Ans ✓ 1. (36, 14, 35)

✗ 2. (46, 19, 24)

✗ 3. (35, 27, 29)

✗ 4. (32, 39, 20)

Question ID : **26433067925**
Status : **Not Answered**
Chosen Option : **--**

Q.3 By interchanging the given two signs and numbers which of the following equation will be correct?
+ and –, 6 and 3

Ans ✗ 1. 8 – 3 × 4 ÷ 6 + 9 = 18

✓ 2. 8 + 4 × 6 ÷ 3 – 9 = 15

✗ 3. 9 ÷ 3 × 4 – 6 + 7 = 10

✗ 4. 6 ÷ 2 × 8 + 3 – 1 = 20

Question ID : **264330105133**
Status : **Not Answered**
Chosen Option : **--**

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

Pain : Agony :: Anger: ?

Ans ✗ 1. Calm

✔ 2. Rage

✗ 3. Sad

✗ 4. Peace

Q.5 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. (19 –28 –48)

✗ 2. (17 –27 –47)

✔ 3. (15 –25 –49)

✗ 4. (13 –23 –43)

Q.6 By Interchanging the given two numbers which of the following equation will be correct?

1 and 9

Ans ✔ 1. 9 × 3 – 4 ÷ 2 + 1 = 10

✗ 2. 1 + 9 × 3 – 4 ÷ 2 = 18

✗ 3. 9 × 2 + 1 – 8 ÷ 4 = 12

✗ 4. 9 – 1 + 6 ÷ 2 × 3 = 7

Q.7 Which of the following calendars will be the same as the calendar for the year 2009?
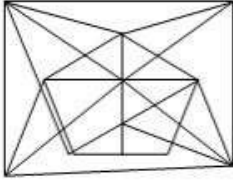
Ans ✗ 1. 2025

✔ 2. 2015

✗ 3. 2036

✗ 4. 2042

Q.8 Select the option in which the given figure is embedded (rotation is NOT allowed).
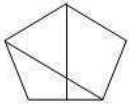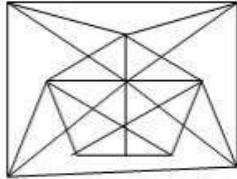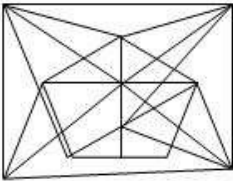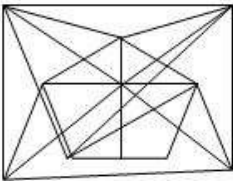
Ans

1.

2.

3.

4.

Q.9 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

P

TRAUM8TIC |

Q

Ans

1. ƆITOMUA Я T

2. ƆIT8MUA Я T

3. ƆIT8MAU Я T

4. ƆITAMUA Я T

Q.10 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.

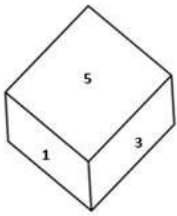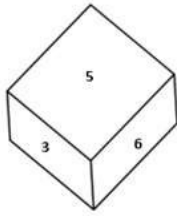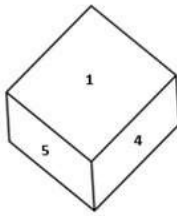Figure 1   Figure 2   Figure 3

Ans ✗ 1. 2

✗ 2. 1

✓ 3. 4

✗ 4. 6

Q.11 If P ÷ Q means that P is the mother of Q, P – Q means that P is the father of Q, P × Q means that P is the sister of Q, then which of the following expression shows that B is the daughter of A?

Ans ✗ 1. B – A ÷ C

✓ 2. A – B ÷ C

✗ 3. A – B × C

✗ 4. C ÷ B – A

Q.12 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.
Statements:
Some watches are projectors.
All projectors are lamps.
Some heaters are watches.
Conclusions:
(I) Some heaters are projectors.
(II) Some lamps are heaters.
(III) All watches are lamps.

Ans ✗ 1. Only conclusion II follows

✓ 2. None of the conclusions follow

✗ 3. Only conclusion I follows

✗ 4. Either conclusion I or conclusion III follows

Q.13 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.)
Paint : Art :: Prose : ?

Ans ✗ 1. Music

✓ 2. Literature

✗ 3. Drama

✗ 4. Theatre

Question ID : **26433056813**
Status : **Answered**
Chosen Option : **2**

Q.14 A # B means 'A is the brother of B'
A @ B means 'A is the son of B'
A & B means 'A is the wife of B'
A % B means 'A is the mother of B'
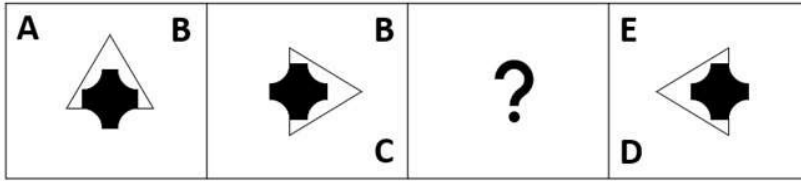If A % B & C # D @ E, then how is B related to E?

Ans ✗ 1. Sister

✗ 2. Wife

✗ 3. Daughter

✓ 4. Daughter-in-law

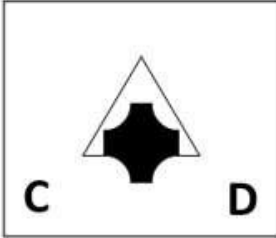Question ID : **26433065959**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the figure from among the given options that can replace the question mark (?) in the following series.
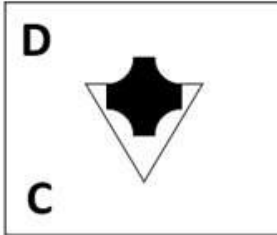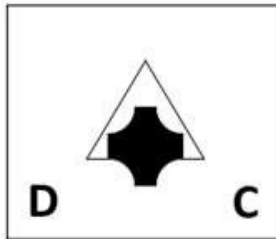

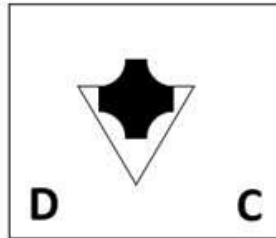**Ans**

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Q.16 In the following question, select the missing number from the given series.
15, 4, –8, –21, –35, ?

Ans ✗ 1. –48

✔ 2. –50

✗ 3. –49

✗ 4. –30

Q.17 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
ABCD, EVKT, IPSJ, MJAZ, ?

Ans ✗ 1. RQPH

 ✓ 2. QDIP

 ✗ 3. TDIC

 ✗ 4. RMQR

Question ID : 264330104836
Status : **Not Attempted and Marked For Review**
Chosen Option : --

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)
(4, 21, 33)
(10, 111, 141)

Ans ✗ 1. (13, 45, 97)

 ✓ 2. (25, 53, 128)

 ✗ 3. (65, 60, 244)

 ✗ 4. (24, 52, 128)

Question ID : 26433082544
Status : **Not Answered**
Chosen Option : --

Q.19 Which of the following letter-clusters will replace the question mark (?) in the given series?
ARC, EPF, JNI, PLL, ?

Ans ✓ 1. WJO

 ✗ 2. QLP

 ✗ 3. WLQ

 ✗ 4. QKP

Question ID : 26433057993
Status : **Not Answered**
Chosen Option : --

Q.20 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. DOL

 ✓ 2. MIP

 ✗ 3. ARI

 ✗ 4. NEV

Question ID : 26433081495
Status : **Not Answered**
Chosen Option : --

Q.21 In a certain code language, 'TEACHER' is written as 'AETCREH' and 'STUDENT' is written as 'UTSDTNE'. How will 'CLASSES' be written in that language?

Ans ✔ 1. ALCSSES

✘ 2. SESSALC

✘ 3. ALCSESS

✘ 4. CLASESS

Q.22 Which two signs should be interchanged to make the given equation correct?
81 * 9 + 15 ÷ 3 − 4 = 50

Ans ✘ 1. − and *

✘ 2. + and −

✘ 3. ÷ and −

✔ 4. ÷ and *

Q.23 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 A are W.
II. Some W are C.
Conclusions:
I. All A are C.
II. No C is W.
III. No W is A.

Ans ✔ 1. Neither conclusion follows

✘ 2. Only conclusion II follows

✘ 3. All conclusion follows

✘ 4. Only conclusion I follows

Q.24 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.
12 : 132 :: 20 : 380 :: 2 : ?

Ans ✘ 1. 8

✘ 2. 6

✘ 3. 12

✔ 4. 2

Q.25 Select the figure that will come next in the following series.

Ans

 ✔ 1.

 ✘ 2.

 ✘ 3.

 ✘ 4.
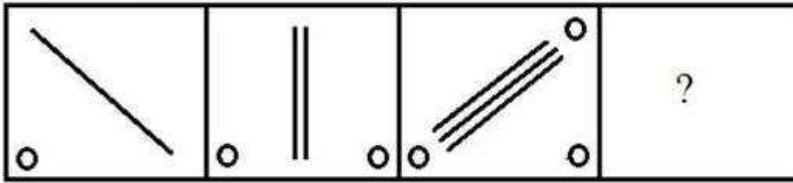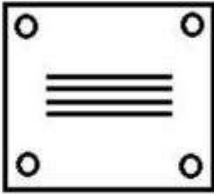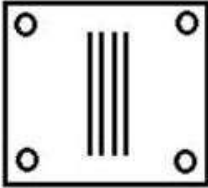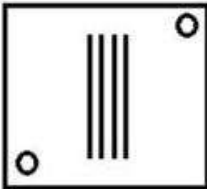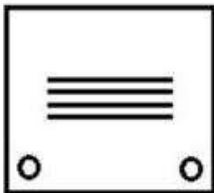
Question ID : 26433078977
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 Prithviraja III defeated an Afghan ruler named _____ in 1191.

Ans ✘ 1. Sultan Mahmud

✘ 2. Muhammad Ibn Abbas

✘ 3. Muhammad Ibn Suri

✔ 4. Sultan Muhammad Ghori

Question ID : 264330105414
Status : **Answered**
Chosen Option : **4**

Q.2 Sharmila Biswas, who was awarded the 'Best Choreography Award' in 1998 by the Ministry of Information and Broadcasting, represents which of the following classical dance forms?

Ans ✗ 1. Manipuri

✔ 2. Odissi

✗ 3. Kathakali

✗ 4. Kathak

Question ID : **26433090701**
Status : **Answered**
Chosen Option : **2**

Q.3 The Paralympics Games - 2024 will be hosted by _____.

Ans ✗ 1. USA

✗ 2. China

✗ 3. Spain

✔ 4. France

Question ID : **26433071555**
Status : **Answered**
Chosen Option : **4**

**Q.4** The women of which tribe perform the traditional folk dance called Chakri?

Ans ✗ 1. Kaul

✔ 2. Kanjar

✗ 3. Gond

✗ 4. Bharia

Question ID : **26433064376**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Which of the following terms is NOT included in the Preamble of Indian Constitution?

Ans ✗ 1. Sovereign

✗ 2. Justice

✗ 3. Fraternity

✔ 4. Federalism

Question ID : **26433086766**
Status : **Answered**
Chosen Option : **4**

Q.6 The State Finance Commission is appointed every _____ years by the _____.

Ans ✔ 1. 5, state government

✗ 2. 5, central government

✗ 3. 2.5, state government

✗ 4. 2.5, central government

Question ID : **26433064832**
Status : **Marked For Review**
Chosen Option : **1**

Q.7 The Energy Conservation (Amendment) Bill, 2022 amends the Energy Conservation Act, 2001 to empower the central government to specify a _____.

Ans ✔ 1. carbon credit trading scheme

✘ 2. coal based station

✘ 3. coastal regulation scheme

✘ 4. eco-sensitive zone

Question ID : **264330105246**
Status : **Not Answered**
Chosen Option : **--**

Q.8 The Delhi Municipal Corporation (Amendment) Bill 2022 seeks to unify the how many municipal corporations into a single one?

Ans ✘ 1. Four

✔ 2. Three

✘ 3. Two

✘ 4. Five

Question ID : **264330105250**
Status : **Not Answered**
Chosen Option : **--**

Q.9 What is the role of ribosomes of a polysome?

Ans ✘ 1. The ribosomes synthesise the fats

✔ 2. The ribosomes of a polysome translate the mRNA into proteins.

✘ 3. The ribosomes of a polysome translate the rRNA into proteins.

✘ 4. The ribosomes of a monosome translate the rRNA into proteins.

Question ID : **26433086749**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which type of tax acts as an automatic stabiliser in the economy?

Ans ✘ 1. Professional tax

✘ 2. Wealth tax

✘ 3. Capital gains tax

✔ 4. Proportional income tax

Question ID : **264330105366**
Status : **Not Answered**
Chosen Option : **--**

Q.11 The world's largest river lies in which of the following continent?

Ans ✔ 1. South America

✘ 2. Australia

✘ 3. Africa

✘ 4. North America

Question ID : **264330105623**
Status : **Answered**
Chosen Option : **1**

Q.12 In which of the following months is Gokulashtami celebrated every year as per Hindu tradition?

Ans
- ✗ 1. Vaishakh
- ✓ 2. Bhadrapada
- ✗ 3. Asadha
- ✗ 4. Chaitra

Question ID : **26433072639**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which of the following is NOT a method of measuring national income?

Ans
- ✓ 1. Intermediate goods method
- ✗ 2. Expenditure method
- ✗ 3. Income method
- ✗ 4. Product method

Question ID : **26433065427**
Status : **Answered**
Chosen Option : **1**

Q.14 Sambhar Lake is situated in which of the following states?

Ans
- ✗ 1. Kerala
- ✗ 2. Madhya Pradesh
- ✓ 3. Rajasthan
- ✗ 4. Karnataka

Question ID : **26433066518**
Status : **Answered**
Chosen Option : **3**

Q.15 Which of the following waterways separates India from Sri Lanka?

Ans
- ✗ 1. Arabian Sea
- ✗ 2. Bay of Bengal
- ✗ 3. Andaman Sea
- ✓ 4. Palk Strait

Question ID : **26433064471**
Status : **Answered**
Chosen Option : **4**

Q.16 Which of the following is the highest gravity dam in India?

Ans
- ✗ 1. Hirakund Dam
- ✓ 2. Bhakra Dam
- ✗ 3. Sardar Sarovar Dam
- ✗ 4. Mettur Dam

Question ID : **26433089216**
Status : **Answered**
Chosen Option : **2**

Q.17 Identify the chemical formula of ammonium hydroxide.

Ans ✔ 1. NH_4OH

  ✘ 2. NH_4O_2

  ✘ 3. NH_3O

  ✘ 4. NH_2OH

Q.18 Which of the following sites of Harappan civilization is located near Bolan Pass?

Ans ✔ 1. Mehrgarh

  ✘ 2. Chirand

  ✘ 3. Gufkral

  ✘ 4. Koldihwa

Q.19 How much percentage of nitrogen is present in the atmosphere?

Ans ✔ 1. 78%

  ✘ 2. 89%

  ✘ 3. 67%

  ✘ 4. 71%

Q.20 Partition of Bengal held in _____.

Ans ✘ 1. 1901

  ✘ 2. 1903

  ✔ 3. 1905

  ✘ 4. 1907

Q.21 In which year was India House established by Shyamji Verma?

Ans ✔ 1. 1905

  ✘ 2. 1899

  ✘ 3. 1902

  ✘ 4. 1909

Q.22 In September 2022, which High Court has declared the "Duare Ration" scheme as illegal and against the National Food Security Act?

Ans ✗ 1. Delhi

✓ 2. Calcutta

✗ 3. Patna

✗ 4. Allahabad

Question ID : 264330105219
Status : **Answered**
Chosen Option : **2**

Q.23 Which country beat India in the men's hockey semi-final event at Tokyo Olympics, 2020?

Ans ✗ 1. Germany

✗ 2. Pakistan

✓ 3. Belgium

✗ 4. Australia

Question ID : 26433071544
Status : **Answered**
Chosen Option : **3**

Q.24 According to census 2011, the literacy rate of India is _____.

Ans ✗ 1. 75.04 percent

✓ 2. 74.04 percent

✗ 3. 77.04 percent

✗ 4. 76.04 percent

Question ID : 264330105530
Status : **Answered**
Chosen Option : **2**

Q.25 With which instrument is Ustad Sultan Khan associated?

Ans ✗ 1. Sitar

✗ 2. Sarod

✗ 3. Tabla

✓ 4. Sarangi

Question ID : 26433064781
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 The pie chart given below shows the number of boys in 8 schools. The total number of boys in all these 8 school is 6000. Number of boys in a particular school is shown as a percent of total number of boys in all these 8 schools.
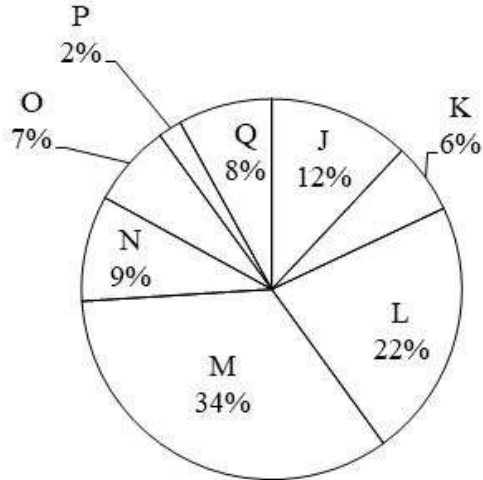
Which of the following statement is correct?
I. The difference between number of boys in school M and Q are 1660.
II. The sum of number of boys in school J, K and L are 2400.

Ans ✗ 1. Both I and II

✗ 2. Only I

✔ 3. Only II

✗ 4. Neither I nor II

Q.2 The remainder when $19^{19} + 20$ is divided by 18, is:

Ans ✔ 1. 3

✗ 2. 2

✗ 3. 1

✗ 4. 0

Q.3 What is the value of sin 75° + sin 15°?

Ans

✗ 1. $\dfrac{1}{\sqrt{2}}$

✗ 2. $\dfrac{\sqrt{3}}{2}$

✔ 3. $\sqrt{\dfrac{3}{2}}$

✗ 4. $\dfrac{3}{\sqrt{2}}$

Q.4 The following table shows the number of elected persons from various parties in a state assembly.

Years / Party	2015	2016	2017	2018	2019	2020
P	62	70	52	90	82	80
Q	80	90	60	70	76	70
R	90	80	100	50	80	65
S	55	60	70	80	75	72

Find the difference between the number of seats won by party R and party Q in all the elections put together.

Ans   ✗ 1. 18

     ✔ 2. 19

     ✗ 3. 17

     ✗ 4. 20

Q.5 The table given below shows the number of students joining in 6 different universities.

Universities	Students
A	275
B	215
C	350
D	250
E	450
F	170

What is the ratio number of students joining in university A to the number of student joining in university F?

Ans   ✗ 1. 17 : 39

     ✗ 2. 51 : 37

     ✗ 3. 34 : 51

     ✔ 4. 55 : 34

Q.6 A grocery shop is offering 10% discount on the purchase of Rs.500 and above. A 5% discount is given on the purchase of value above Rs.250 but below Rs.500. A discount of additional 1% is given if payment is made instantly in cash. How much would a customer have to pay by cash if he buys 25 packets of biscuits and one packet is priced at Rs.30?

Ans   ✗ 1. Rs.670.25

     ✔ 2. Rs.668.25

     ✗ 3. Rs.675

     ✗ 4. Rs.667.05

Q.7 If the ratio of corresponding sides of two similar triangles is $\sqrt{5} : \sqrt{7}$ then what is the ratio of the area of the two triangles?

Ans

✗ 1. $\sqrt[3]{5} : \sqrt{7}$

✗ 2. 25 : 49

✗ 3. $\sqrt{5} : \sqrt{7}$

✔ 4. 5 : 7

Question ID : 264330105817
Status : **Answered**
Chosen Option : **4**

Q.8 If cosec θ + cot θ = 2, then what is the value of cosec θ?

Ans

✔ 1. $\dfrac{5}{4}$

✗ 2. $\sqrt{2}$

✗ 3. $\sqrt{5}$

✗ 4. $\dfrac{3}{2}$

Question ID : 26433058988
Status : **Answered**
Chosen Option : **1**

Q.9 In the given figure, ABC is an isosceles triangle with BC = 8 cm and AB = AC = 5 cm. The value of tan C – cot B is _____.
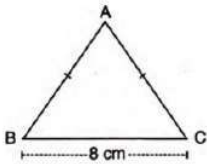
Ans

✗ 1. $-\dfrac{5}{12}$

✔ 2. $-\dfrac{7}{12}$

✗ 3. $\dfrac{7}{12}$

✗ 4. $\dfrac{5}{12}$

Question ID : 26433062662
Status : **Not Answered**
Chosen Option : **--**

Q.10 The LCM of $\frac{3}{8}, \frac{5}{16}$ and $\frac{7}{2}$ is:

Ans

✗ 1. $101\frac{1}{2}$

✔ 2. $52\frac{1}{2}$

✗ 3. $28\frac{1}{2}$

✗ 4. $25\frac{1}{4}$

Q.11 In an election between two candidates, a candidate who gets 64% of the votes polled is elected by a majority of 252 votes. What is the total number of votes polled?

Ans ✗ 1. 950

✔ 2. 900

✗ 3. 850

✗ 4. 800

Q.12 The table given below shows the number of salesman in five companies.

Companies	Salesman
C1	35
C2	10
C3	30
C4	5
C5	15

What is the average number of salesman in C2, C4 and C5?

Ans ✗ 1. 5

✔ 2. 10

✗ 3. 15

✗ 4. 20

Q.13

If $y + \dfrac{1}{y} = 11$, then the value of $y^3 - \dfrac{1}{y^3}$ is:

Ans

✗ 1. $345\sqrt{13}$

✔ 2. $360\sqrt{13}$

✗ 3. $352\sqrt{13}$

✗ 4. $368\sqrt{13}$

Q.14 The number of solid spheres, each of diameter 6 cm, that could be moulded to form a solid metal cylinder of height 90cm and diameter 4 cm is:

Ans

✔ 1. 10

✗ 2. 14

✗ 3. 16

✗ 4. 13

Q.15 If b cos θ = a, then cosecθ + cotθ = _____.

Ans

✗ 1. $\sqrt{\dfrac{1}{b + a}}$

✗ 2. $\sqrt{\dfrac{b - a}{b + a}}$

✔ 3. $\sqrt{\dfrac{b + a}{b - a}}$

✗ 4. $\sqrt{\dfrac{1}{b - a}}$

Q.16 If $\left(x - \frac{1}{x}\right)^2 = 12$, what is the value of $\left(x^2 - \frac{1}{x^2}\right)$, given that $x > 0$?

Ans
- ✗ 1. $6\sqrt{2}$
- ✔ 2. $8\sqrt{3}$
- ✗ 3. $6\sqrt{3}$
- ✗ 4. $8\sqrt{2}$

Question ID : 26433061942
Status : **Answered**
Chosen Option : **2**

Q.17 If the average of s numbers is r^4 and the average of r numbers is s^4, then find the average of all r + s numbers?

Ans
- ✔ 1. $rs\left(r^2 + s^2 - rs\right)$
- ✗ 2. rs
- ✗ 3. $r^2 + s^2$
- ✗ 4. $rs\left(r^2 + s^2\right)$

Question ID : 26433075344
Status : **Answered**
Chosen Option : **3**

Q.18 A man sells two cows for Rs.15,640 each, gaining 15% on one and losing 15% on the other. Find his total gain or loss.

Ans
- ✔ 1. Rs.720 loss
- ✗ 2. Rs.360 loss
- ✗ 3. Rs.720 gain
- ✗ 4. Rs.360 gain

Question ID : 26433065068
Status : **Answered**
Chosen Option : **2**

Q.19 Two persons P and Q can do a job together in 36 days. P is 3 times as efficient as Q. In how many days can Q alone complete the work?

Ans
- ✗ 1. 148
- ✗ 2. 140
- ✔ 3. 144
- ✗ 4. 146

Question ID : 26433074464
Status : **Answered**
Chosen Option : **3**

Q.20 The area of a sector of a circle is 88 sq. cm., and the angle of the sector is 45°. Find the radius of the circle. (Use $\pi = \frac{22}{7}$)

Ans ✗ 1. 3√11 cm

✔ 2. 4√14 cm

✗ 3. 6√13 cm

✗ 4. 5√14 cm

Q.21 What is the fourth proportional to 7, 15 and 21?

Ans ✗ 1. 29

✗ 2. 30

✗ 3. 48

✔ 4. 45

Q.22 A, B and C can separately do a work in 6, 10 and 15 days respectively. They started to work together but C left after 2 days. In how many days will the remaining work be finished?

Ans ✗ 1. $1\frac{2}{4}$

✔ 2. $1\frac{1}{4}$

✗ 3. $1\frac{5}{8}$

✗ 4. $2\frac{7}{4}$

Q.23 $a^3 + b^3 + c^3 = 3abc$ if _____.

Ans ✗ 1. a = b = c

✔ 2. a + b + c = 0

✗ 3. a + b + c = 1

✗ 4. a + b + c = −1

Q.24 In how many least number of complete years a sum of money become more than four times of itself at the rate of 50 percent per annum on simple interest?

Ans ✗ 1. 9 years

✓ 2. 7 years

✗ 3. 6 years

✗ 4. 5 years

Question ID : 264330105676
Status : **Answered**
Chosen Option : **3**

Q.25 The length of the side of a cube is 1.4 cm. What is the volume of the largest sphere that can be taken out of the cube?

Ans ✓ 1. 1.44 cm^3

✗ 2. 3.26 cm^3

✗ 3. 2.66 cm^3

✗ 4. 5.64 cm^3

Question ID : 264330105881
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 Select the most appropriate meaning of the underlined idiom in the given sentence.

After several years of cheating on his PhD work, the candidate finally had to <u>face the music</u> and lose the opportunity.

Ans ✗ 1. Accept ignorance

✓ 2. To accept unpleasant consequences

✗ 3. Choose another alternative that is uninteresting

✗ 4. Be exposed

Question ID : 26433072085
Status : **Answered**
Chosen Option : **4**

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

Sunil cannot _____ a trip to the US now because he has already spent a lot for the completion of his house.

Ans ✗ 1. visit

✓ 2. afford

✗ 3. spend

✗ 4. earn

Question ID : 26433073793
Status : **Answered**
Chosen Option : **2**

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence.

He was not <u>able to adopt himself to</u> the new environment of the hostel.

Ans ✗ 1. able to adept himself to

✗ 2. able for adopt himself to

✗ 3. able to adopt himself with

✓ 4. able to adapt himself to

Question ID : **26433084626**
Status : **Answered**
Chosen Option : **4**

Q.4 Rearrange the parts of the sentence in correct order.

NFTs are
P. digital collectables that exist on
Q. and are better known for recently
R. taking the art world by storm
S. online ledgers known as blockchains

Ans ✓ 1. PSQR

✗ 2. RPQS

✗ 3. RQPS

✗ 4. SPRQ

Question ID : **264330104683**
Status : **Answered**
Chosen Option : **3**

Q.5 Choose the incorrectly spelt word.

Ans ✗ 1. Flawless

✗ 2. Rudimentary

✗ 3. Primitive

✓ 4. Impracticle

Question ID : **264330104742**
Status : **Answered**
Chosen Option : **3**

Q.6 A part of the given sentence which has been underlined may contain a spelling error. Select the option that correctly rectifies the spelling error. If there is no error, select 'No error'.

The police came to the accident spot after receiving an <u>annonymous</u> phone call.

Ans ✗ 1. Anonnymous

✗ 2. No error

✓ 3. Anonymous

✗ 4. Anonymaus

Question ID : **26433071786**
Status : **Answered**
Chosen Option : **1**

Q.7 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.

I <u>told</u> Rahu <u>on</u> wait <u>for</u> two hours <u>at</u> the bus stop.

Ans ✗ 1. at

✗ 2. for

✗ 3. told

✓ 4. on

Q.8 Select the most appropriate synonym of the underlined word in the given sentence.

The director is at the <u>apex</u> of the managing committee.

Ans ✗ 1. Core

✗ 2. Bottom

✗ 3. Corner

✓ 4. Pinnacle

Q.9 Select the correct indirect form of the given sentence.
"Meena, will you assist me to pack our belongings?" Asked her mother.

Ans ✗ 1. Meena's mother asked her whether she will assist her to pack their belongings.

✗ 2. Meena's mother asked her whether if she would assist her to pack their belongings.

✓ 3. Meena's mother asked her whether she would assist her to pack their belongings.

✗ 4. Meena's mother asked her whether she can assist her to pack their belongings.

Q.10 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Huda lived in / the southern part / off Germany.

Ans ✓ 1. off Germany

✗ 2. the southern part

✗ 3. No error

✗ 4. Huda lived in

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

Everlasting

Ans ✗ 1. Eternal

✔ 2. Transient

✗ 3. Fatuous

✗ 4. Misled

Question ID : **26433063163**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the correct active form of the given sentence.
Our machine is shipped to ten different countries.

Ans ✗ 1. We shipped our machine to ten different countries.

✗ 2. We are shipping our machine to ten different countries.

✗ 3. Someone ship our machine on ten different countries.

✔ 4. We ship our machine to ten different countries.

Question ID : **264330104587**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the correct passive form of the given sentence.
The citizens have chosen that man as their leader.

Ans ✗ 1. That man had been chosen by the citizens as their leader.

✔ 2. That man has been chosen by the citizens as their leader.

✗ 3. That man is chosen by the citizens as their leader.

✗ 4. That man was chosen by the citizens as their leader.

Question ID : **264330104563**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the word segment that substitutes (replaces) the bracketed word segment
correctly and completes the sentence meaningfully.

Neither the teachers (or the principal likes the new budget) cuts.

Ans ✗ 1. either the principal likes the new budget

✗ 2. or the principal like the new budget

✗ 3. nor the principal like the new budget

✔ 4. nor the principal likes the new budget

Question ID : **26433088966**
Status : **Answered**
Chosen Option : **4**

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

The head coach got surprised with the level of enthusiasm shown by the players as they all were demoralised after the first loss.

Ans ✗ 1. Enthusiasm

✗ 2. Demoralised

✗ 3. Surprised

✓ 4. Loss

Question ID : **26433060702**
Status : **Not Answered**
Chosen Option : **--**

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

The fraudsters <u>hoodwinked</u> us and took away all our valuables.

Ans ✗ 1. Coerced

✗ 2. Threatened

✗ 3. Misguided

✓ 4. Deceived

Question ID : **26433070511**
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.

One who loves humanity or believes in universal brotherhood

Ans ✗ 1. Humane

✗ 2. Magnanimous

✓ 3. Philanthropist

✗ 4. Misanthropist

Question ID : **26433072310**
Status : **Answered**
Chosen Option : **3**

Q.18 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. I had my own crib in the bedroom next to our parent's room.
Q. Annie awoke hungry at 2:30 a.m. each morning.
R. When Annie would cry out, I would climb out of my crib and come running into our parent's room to check on her.
S. For the first few months, Annie slept in a crib by our parents' bed.

Ans ✗ 1. PRSQ

✗ 2. RPQS

✗ 3. QRSP

✓ 4. SPQR

Question ID : **264330104721**
Status : **Answered**
Chosen Option : **3**

Q.19 A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.

Writing down instructions, steps and remembering them can make you look really efficient and _____.

Ans   ✔ 1. diligent

   ✘ 2. dormant

   ✘ 3. operable

   ✘ 4. sluggish

Q.20 Select the most appropriate meaning of the given idiom.

Lose your marbles

Ans   ✔ 1. To go insane

   ✘ 2. To handle stress

   ✘ 3. To lower down anger

   ✘ 4. To be patient

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.

Mob lynching is the act of a group of people murdering a person without due process of law for an (1)_____ infraction. In recent years, mob lynching has become one of the hate (2)_____ that targets persons of a certain identity, members of a minority population, or strangers on the basis of a mere (3)_____. Without obeying any principles of law, the mob takes the law into their own hands to punish the supposed (4)_____ in the name of justice. Mob lynching is a breach of human dignity and a (5)_____ violation of the Universal Declaration of Human Rights, according to Article 21 of the Indian Constitution.

SubQuestion No : 21

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

Ans   ✔ 1. alleged

   ✘ 2. advantaged

   ✘ 3. applied

   ✘ 4. encouraged

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.

Mob lynching is the act of a group of people murdering a person without due process of law for an (1)_____ infraction. In recent years, mob lynching has become one of the hate (2)_____ that targets persons of a certain identity, members of a minority population, or strangers on the basis of a mere (3)_____. Without obeying any principles of law, the mob takes the law into their own hands to punish the supposed (4)_____ in the name of justice. Mob lynching is a breach of human dignity and a (5)_____ violation of the Universal Declaration of Human Rights, according to Article 21 of the Indian Constitution.

SubQuestion No : 22

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

Ans   ✔ 1. crimes

✖ 2. gossips

✖ 3. goals

✖ 4. desires

Question ID : **26433084881**
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.

Mob lynching is the act of a group of people murdering a person without due process of law for an (1)_____ infraction. In recent years, mob lynching has become one of the hate (2)_____ that targets persons of a certain identity, members of a minority population, or strangers on the basis of a mere (3)_____. Without obeying any principles of law, the mob takes the law into their own hands to punish the supposed (4)_____ in the name of justice. Mob lynching is a breach of human dignity and a (5)_____ violation of the Universal Declaration of Human Rights, according to Article 21 of the Indian Constitution.

SubQuestion No : 23

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

Ans   ✔ 1. suspicion

✖ 2. trust

✖ 3. evidence

✖ 4. logic

Question ID : **26433084882**
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.

Mob lynching is the act of a group of people murdering a person without due process of law for an (1)_____ infraction. In recent years, mob lynching has become one of the hate (2)_____ that targets persons of a certain identity, members of a minority population, or strangers on the basis of a mere (3)_____. Without obeying any principles of law, the mob takes the law into their own hands to punish the supposed (4)_____ in the name of justice. Mob lynching is a breach of human dignity and a (5)_____ violation of the Universal Declaration of Human Rights, according to Article 21 of the Indian Constitution.

SubQuestion No : 24

Q.24 **Select the most appropriate answer to fill in blank 4.**

Ans ✗ 1. innocent

✗ 2. lawman

✗ 3. faultless

✓ 4. accused

Question ID : **26433084883**
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.

Mob lynching is the act of a group of people murdering a person without due process of law for an (1)_____ infraction. In recent years, mob lynching has become one of the hate (2)_____ that targets persons of a certain identity, members of a minority population, or strangers on the basis of a mere (3)_____. Without obeying any principles of law, the mob takes the law into their own hands to punish the supposed (4)_____ in the name of justice. Mob lynching is a breach of human dignity and a (5)_____ violation of the Universal Declaration of Human Rights, according to Article 21 of the Indian Constitution.

SubQuestion No : 25

Q.25 **Select the most appropriate answer to fill in blank 5.**

Ans ✗ 1. prevalent

✗ 2. convenient

✗ 3. covert

✓ 4. flagrant

Question ID : **26433084884**
Status : **Not Answered**
Chosen Option : **--**