Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	19/07/2023
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : **General Intelligence and Reasoning**

Q.1 **Select the option that 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.**
243 : 9 :: 72 : 6 :: 576 : ?

Ans
✔ 1. 12
✘ 2. 18
✘ 3. 24
✘ 4. 14

Question ID : **26433085815**
Status : **Answered**
Chosen Option : **1**

Q.2 **Which two numbers and two signs should be interchanged in the following equation to make it correct?**

14 + 16 − 14 × 9 ÷ 4 = 61

Ans
✘ 1. 16 and 14, + and ×
✔ 2. 16 and 9, + and −
✘ 3. 14 and 4, − and ÷
✘ 4. 14 and 9, + and ×

Question ID : **26433097219**
Status : **Answered**
Chosen Option : **2**

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

Statements:
Some cooks are poets.
All poets are priests.
Some priests are doctors.

Conclusions:
I. Some cooks are priests.
II. Some priests are cooks.
III. All doctors are priests.
IV. Some doctors are priests.

Ans
✗ 1. Only conclusions I, II and III follow
✗ 2. None of the conclusions follow
✓ 3. Only conclusions I, II and IV follow
✗ 4. Only conclusions II, III and IV follow

Question ID : **26433090913**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1. Cheetah
2. Chemical
3. Cheering
4. Cheese
5. Chestnut
6. Cheaper

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

Question ID : **264330132161**
Status : **Answered**
Chosen Option : **4**

Q.5 **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.**
284 : 142 :: 568 : 284 :: 1136 : ?

Ans
✓ 1. 568
✗ 2. 567
✗ 3. 566
✗ 4. 569

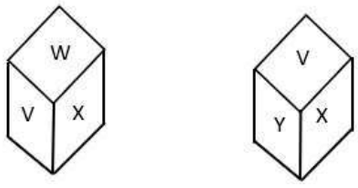
Question ID : **26433081675**
Status : **Answered**
Chosen Option : **1**

Q.6 **Which two signs should be interchanged to make the given equation correct?**
2 × 236 – 2 + 36 ÷ 72 = 200

Ans
✔ 1. ÷ and –
✘ 2. – and +
✘ 3. × and +
✘ 4. + and ÷

Question ID : **264330133246**
Status : **Answered**
Chosen Option : **1**

Q.7 Two different positions of the same dice are shown, the six faces of which are marked with the letters U to Z. Select the letter that will be on the face opposite the face showing 'W'.



Ans
✔ 1. Y
✘ 2. V
✘ 3. X
✘ 4. Z

Question ID : **26433094968**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.**
Auger : Bore

Ans
✘ 1. Axe : Grind
✘ 2. Plier : Carve
✘ 3. Spanner : Dig
✔ 4. Needle : Sew

Question ID : **264330103171**
Status : **Answered**
Chosen Option : **4**

Q.9 **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.**
ADOPT : DAOTP :: FINAL : IFNLA :: HUMOR : ?

Ans
✗ 1. UOHMR
✓ 2. UHMRO
✗ 3. UHOMR
✗ 4. UHMOR

Question ID : **26433086973**
Status : **Answered**
Chosen Option : **2**

Q.10 **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 sweets are chocolates.
All chocolates are cookies.
Some cookies are healthy.

Conclusions:
I. Some sweets are cookies.
II. Some cookies are chocolates.
III. Some chocolates are sweets .

Ans
✗ 1. Both conclusions II and III follow.
✗ 2. Both conclusions I and II follow.
✓ 3. All conclusions follow.
✗ 4. Both conclusions I and III follow.

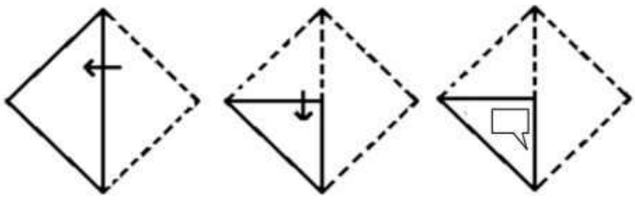
Question ID : **264330143723**
Status : **Answered**
Chosen Option : **3**

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.**
CROWN : OYRVH :: TABLE : FNEEY :: UNREAL : ?

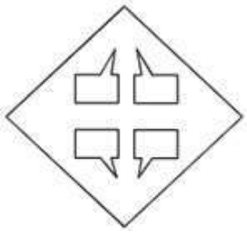
Ans
✗ 1. LAERNU
✗ 2. NDHVSA
✗ 3. NCHUSB
✓ 4. MCHVSA

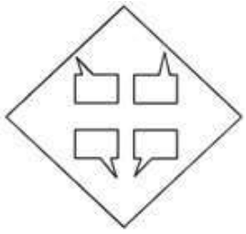
Question ID : **26433090021**
Status : **Answered**
Chosen Option : **4**

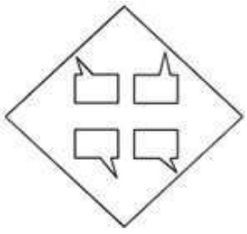
Q.12 A paper is folded and cut as shown below. How will it appear when unfolded?

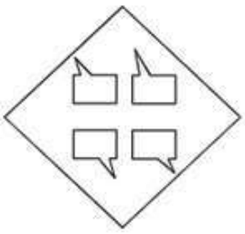


Ans

1. 

2. 

3. 

4. 

Question ID : **26433080542**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.**
R E U _ T R _ _ Q T R E W _ _ R E _ _ T

Ans
✔ 1. Q E V Q T X Q
✘ 2. Q F W Q T X Q
✘ 3. Q E W Q T Y R
✘ 4. Q F V Q T X R

Question ID : **264330143749**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.**
15 : 52 :: 33 : _____:: 22 : 73

Ans
✘ 1. 121
✘ 2. 122
✔ 3. 106
✘ 4. 111

Question ID : **26433079014**
Status : **Answered**
Chosen Option : **3**

Q.15 **Looking at a picture of Suraj, Mr. Gaurav said, "He is the son of my paternal grandfather's only son." How is Gaurav related to Suraj in the picture?**

Ans
✘ 1. Son's son
✘ 2. Father
✘ 3. Father's brother's son
✔ 4. Brother

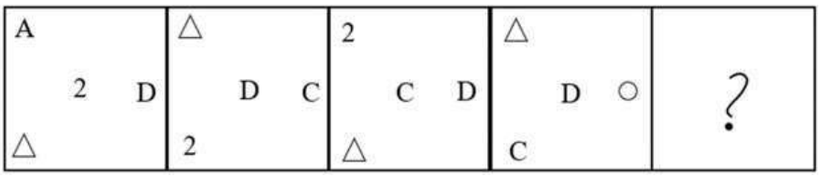
Question ID : **26433092748**
Status : **Answered**
Chosen Option : **4**

Q.16 **In a certain code language, 'MARS" is coded as "51" and 'STARS" is coded as "77". How will 'MOON' be coded in that language?**

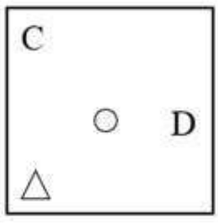
Ans
✘ 1. 55
✘ 2. 54
✘ 3. 56
✔ 4. 57

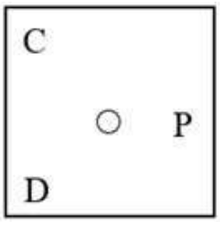
Question ID : **264330132100**
Status : **Answered**
Chosen Option : **4**

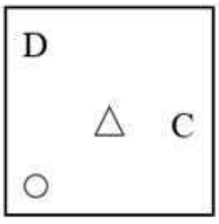
Q.17 Select the figure that will replace the question mark (?) in the following figure series.

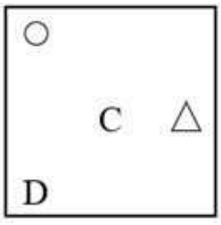


Ans

1. 

2. 

3. 

4. 

Question ID : **264330143827**
Status : **Answered**
Chosen Option : **1**

Q.18 **Select the set in which the numbers are related in the same way as are the numbers of the given 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, 25, 6)
(3, 28, 9)

Ans
✗ 1. (4, 17, 6)
✓ 2. (2, 17, 8)
✗ 3. (3, 17, 9)
✗ 4. (4, 17, 8)

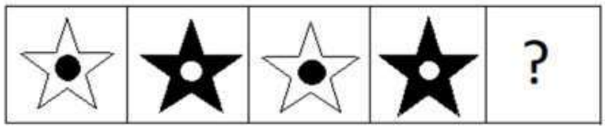
Question ID : **26433082875**
Status : **Answered**
Chosen Option : **2**

Q.19 **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)
(100, 2, 150)
(50, 5, 240)

Ans
✗ 1. (10, 8, 98)
✗ 2. (14, 16, 8)
✗ 3. (10, 5, 200)
✓ 4. (16, 8, 126)

Question ID : **26433089592**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **26433087147**
Status : **Answered**
Chosen Option : **4**

Q.21 **Select the number from among the given options that can replace the question mark (?) in the following series.**
2, 4, 12, 48, 240, ?

Ans
✗ 1. 720
✗ 2. 480
✗ 3. 360
✓ 4. 1440

Question ID : **26433067515**
Status : **Answered**
Chosen Option : **4**

Q.22 **A + B' means 'A is the sister of B'.**
'A – B' means 'A is the wife of B'.
'A × B' means 'A is the brother of B'.
'A ÷ B' means 'A is the father of B'.
If L + M + N – O ÷ P × Q, then which of the following statements is NOT correct?

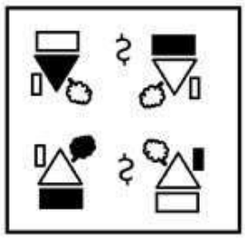
Ans
1. O is the father of Q.
2. L is the daughter of N.
3. P is the son of N.
4. M is the sister of the wife of O.

Question ID : **264330122048**
Status : **Answered**
Chosen Option : **2**

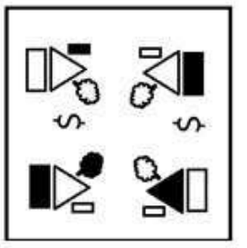
Q.23 Select the correct mirror image from the following options, when the mirror is placed on the right side of the given figure.

Ans

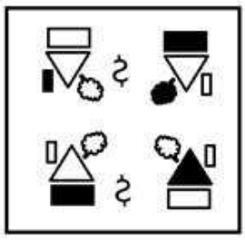
✗ 1.



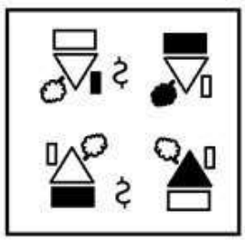
✗ 2.



✓ 3.

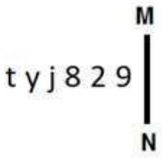


✗ 4.

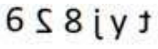


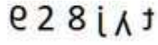
Question ID : **264330103206**
Status : **Answered**
Chosen Option : **3**

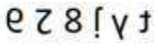
Q.24 Select the correct mirror image of the given combination when the mirror is placed at MN as shown in the figure.

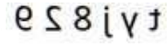


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **26433066278**
Status : **Answered**
Chosen Option : **4**

Q.25 In a certain code language, 'DEN' is coded as 27 and 'SNAKE' is coded as 125. How will 'CAVE' be coded in the same language?

Ans

✓ 1. 64

✗ 2. 46

✗ 3. 32

✗ 4. 16

Question ID : **264330129762**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 The Pradhan Mantri Jeevan Jyoti Bima Yojana is for Indian citizens in the age group of _____.

Ans

✗ 1. 40 to 70 years

✓ 2. 18 to 50 years

✗ 3. 29 to 55 years

✗ 4. 35 to 60 years

Question ID : **26433090647**
Status : **Answered**
Chosen Option : **2**

Q.2 **Pandit Jasraj, Bhimsen Joshi and Zakir Hussain are associated with which form of music?**

Ans
1. Jazz Music
2. Pop Music
3. Hindustani Classical Music
4. Carnatic Music

Question ID : **264330130509**
Status : **Answered**
Chosen Option : **3**

Q.3 **Lord Curzon declared the partition of _____ in 1905.**

Ans
1. Central Provinces
2. Punjab
3. United Provinces
4. Bengal

Question ID : **264330111397**
Status : **Answered**
Chosen Option : **4**

Q.4 **Which of the following can be referred to in the estimation of poverty?**

Ans
1. Average Marginal Utility
2. Maximum Support Value
3. Minimum Support Price
4. Monthly Per Capita Expenditure

Question ID : **264330109876**
Status : **Answered**
Chosen Option : **4**

Q.5 **Guru Shashadhar Acharya was awarded the Padma Shri in 2020 for his contribution to which of the following?**

Ans
1. Odissi Chaiti Ghoda dance
2. Folk and Sufi singing
3. Kathak dance and training
4. Chhau dance

Question ID : **26433055424**
Status : **Not Answered**
Chosen Option : **--**

Q.6 According to the Indian calendar, Vasanta Season falls in which months?

Ans
✔ 1. Chaitra-Vaisakha
✘ 2. Jyaistha-Asadha
✘ 3. Margashirsa-Pausa
✘ 4. Sravana-Bhadra

Question ID : **264330116463**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Which of the following was one of the first countries to use iron for the manufacture of weapons in as early as 1700 BCE?

Ans
✔ 1. Romania
✘ 2. Morocco
✘ 3. India
✘ 4. Bulgaria

Question ID : **264330118945**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which plant is considered a noxious weed that has a chemical defence mechanism to protect it from predators?

Ans
✔ 1. Calotropis
✘ 2. Chicory
✘ 3. Black henbane
✘ 4. Field bindweed

Question ID : **264330113481**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Who discovered that diborane reacts with aldehydes and ketones to produce dialkoxyboranes,Which are hydrolysed by water to produce alcohols?

Ans
✔ 1. HC Brown
✘ 2. Hugo Rudolph Kruyt
✘ 3. Arthur Stoll
✘ 4. Arne Tiselius

Question ID : **264330144055**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Singhraj Adhana is associated with which of the following sports events?

Ans
1. Badminton
2. High jump
3. Shooting
4. Discus throw

Question ID : **26433054662**
Status : **Not Answered**
Chosen Option : **--**

Q.11 The origin of 'Carnatic music' is related to which of the following Dynasties?

Ans
1. Bahamani
2. Chola
3. Pandaya
4. Vijayanagar

Question ID : **264330113536**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Ramakrishna Gopal Bhandarkar and Mahadev Govind Ranade carried out their work of religious reforms in Maharashtra through which of the following organisations?

Ans
1. Prarthana Samaj
2. Atmiya Sabha
3. Theosophical Society
4. Brahmo Samaj

Question ID : **264330141527**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Shri Omprakash Mitharval was in news for being conferred with Arjuna Award 2022 for his outstanding contribution in which of the following sports?

Ans
1. Wushu
2. Table Tennis
3. Shooting
4. Weightlifting

Question ID : **264330130860**
Status : **Not Answered**
Chosen Option : **--**

Q.14 In which of the following years did India celebrate its 73rd Republic Day?

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

Question ID : **264330109614**
Status : **Not Answered**
Chosen Option : **--**

Q.15 In which of the following states is the National Sports University located?

Ans
✔ 1. Manipur
✘ 2. Punjab
✘ 3. Madhya Pradesh
✘ 4. Assam

Question ID : **264330118436**
Status : **Answered**
Chosen Option : **2**

Q.16 What is the correct sequence of layers of Earth from the outside of the planet to the inside?

Ans
✘ 1. Mantle (outermost) - core - crust (innermost)
✘ 2. Crust (outermost) - core - mantle (innermost)
✔ 3. Crust (outermost) - mantle - core (innermost)
✘ 4. Core (outermost) - mantle - crust (innermost)

Question ID : **264330109947**
Status : **Answered**
Chosen Option : **3**

Q.17 Which of the following dances is NOT predominantly performed in the Indian state of Odisha?

Ans
✘ 1. Paika
✘ 2. Ghumra
✘ 3. Dhap
✔ 4. Bhavai

Question ID : **26433094870**
Status : **Answered**
Chosen Option : **2**

Q.18 **The minimum requirement of microfinance loans for NBFC-MFIs is _____ .**

Ans
✔ 1. 75% of the total assets
✘ 2. 75% of the total equity
✘ 3. 90% of the total assets
✘ 4. 80% of the total equity

Question ID : **264330109083**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **Which of the following statements are correct regarding removal of the President of India?**
A. The impeachment process can be initiated in the either House of Parliament.
B. The impeachment charges must be signed by the one-third members of the House in which the process is initiated.
C. In the impeachment process, a 30 days' notice should be given to the President.
D. The impeachment resolution is passed by a majority of two-thirds of the total membership of that House.

Ans
✘ 1. B and C only
✘ 2. A, B and C only
✘ 3. A, B, C and D
✔ 4. A and D only

Question ID : **264330114775**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Which of the following is NOT a Fundamental Right mentioned in the Indian Constitution?**

Ans
✔ 1. Right to vote
✘ 2. Right to equality
✘ 3. Right to freedom of religion
✘ 4. Right to freedom

Question ID : **264330144218**
Status : **Answered**
Chosen Option : **1**

Q.21 **When was the Smart Cities Mission launched in India?**

Ans
✘ 1. 2017
✘ 2. 2016
✔ 3. 2015
✘ 4. 2014

Question ID : **264330110634**
Status : **Not Answered**
Chosen Option : **--**

Q.22 What is the common term for Ancylostoma?

Ans
✗ 1. Tape worm
✗ 2. Round worm
✗ 3. Filaria worm
✓ 4. Hookworm

Question ID : **264330134876**
Status : **Not Answered**
Chosen Option : **--**

Q.23 1,3-Dimethylbenzene also known as:

Ans
✗ 1. BHC
✓ 2. m-Xylene
✗ 3. toluene
✗ 4. terelene

Question ID : **264330109898**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Who is known as the father of the green revolution in the world?

Ans
✗ 1. Ralph Bunche
✗ 2. Linus Pauling
✗ 3. MS Swaminathan
✓ 4. Norman Borlaug

Question ID : **264330109998**
Status : **Answered**
Chosen Option : **3**

Q.25 The State of Kerala Vs Leesamma Joseph case deals with _____.

Ans
✗ 1. dowry
✗ 2. the economic weaker section
✗ 3. education
✓ 4. persons with disabilities

Question ID : **26433061848**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 Which number among 34623, 34716, 34782 and 34783 is NOT divisible by 3?

Ans
✗ 1. 34716
✓ 2. 34783
✗ 3. 34623
✗ 4. 34782

Question ID : **264330131433**
Status : **Answered**
Chosen Option : **2**

Q.2 Two circles touch each other externally at P. AB is a direct common tangent to the two circles. If A and B are points of contact and ∠PAB = 65°, then ∠ABP is _____.

Ans
✗ 1. 35°
✗ 2. 15°
✗ 3. 5°
✓ 4. 25°

Question ID : **264330143554**
Status : **Answered**
Chosen Option : **4**

Q.3 Two persons started running on a circular track simultaneously with speeds of 20 m/s and 30 m/s in opposite directions. If the circumference of the circular track is 100 m, then find at how many distinct points they will cross each other?

Ans
✗ 1. 3
✗ 2. 2
✗ 3. 10
✓ 4. 5

Question ID : **26433082105**
Status : **Answered**
Chosen Option : **2**

Q.4 If $(a + b + c) = 12$, and $(a^2 + b^2 + c^2) = 50$, find the value of $(a^3 + b^3 + c^3 - 3abc)$.

Ans
✓ 1. 36
✗ 2. 24
✗ 3. 42
✗ 4. 48

Question ID : **264330101361**
Status : **Answered**
Chosen Option : **1**

Q.5 **A saree bought for ₹500 is marked at 16% profit and later on sold at a sales discount of x% on the marked price. If the selling price of the saree is ₹493, find the value of x.**

Ans
✗ 1. 18
✗ 2. 16
✗ 3. 17
✓ 4. 15

Question ID : **264330103957**
Status : **Answered**
Chosen Option : **2**

Q.6 The following pie chart shows the different coloured dresses worn by 60 students in a college party. Study the pie chart and answer the question that follows.

The degrees (central angle) for the blue coloured dress (sector which represents 40%) is:

Ans
✗ 1. 180°
✗ 2. 60°
✗ 3. 120°
✓ 4. 144°

Question ID : **264330145022**
Status : **Answered**
Chosen Option : **4**

Q.7 **In a group of 32 students, the average weight was 18.5 kg. When 4 students left the group, the average came down to 15.5 kg. What was the average weight (in kg) of those 4 students?**

Ans
✓ 1. 39.5
✗ 2. 37.5
✗ 3. 27.5
✗ 4. 36.5

Question ID : **264330129990**
Status : **Answered**
Chosen Option : **1**

Q.8

If $\sec\theta = \frac{4}{3}$, what is the value of $\tan^2\theta + \tan^4\theta$?

Ans

✔ 1. $\frac{112}{81}$

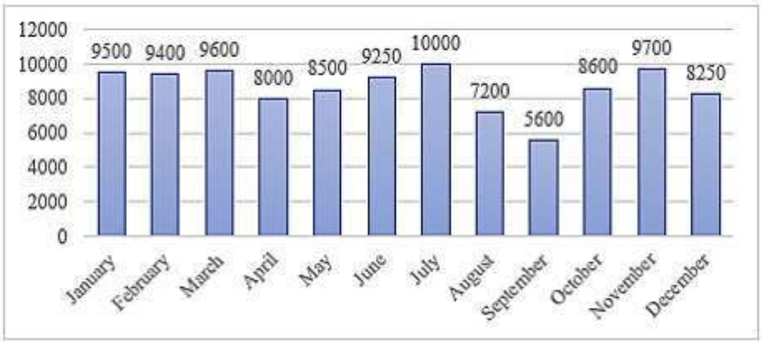
✘ 2. $\frac{256}{81}$

✘ 3. $\frac{64}{27}$

✘ 4. $\frac{16}{81}$

Question ID : **26433061329**
Status : **Answered**
Chosen Option : **1**

Q.9 **The wages (in ₹) earned by a labourer in twelve months of a year are shown in the following bar graph.**



What is the average wage (in ₹) received by the labourer in the first five months of the year?

Ans

✘ 1. 9,300

✔ 2. 9,000

✘ 3. 9,100

✘ 4. 9,200

Question ID : **264330131481**
Status : **Answered**
Chosen Option : **2**

Q.10 Simplify the following expression:

$$\frac{\left(12+5-\frac{48}{16}+71\right)+\left(\frac{\frac{72}{36}+6\times7}{11}\right)\times[(51+4-13)+(13-12\times7)]}{232}$$

Ans

✗ 1. $\frac{-31}{233}$

✗ 2. $\frac{31}{232}$

✗ 3. $\frac{41}{232}$

✓ 4. $\frac{-31}{232}$

Question ID : **26433066243**
Status : **Answered**
Chosen Option : **4**

Q.11 Using $\cot(A-B)=\frac{\cot A\cot B+1}{\cot B-\cot A}$, find the value of $\cot 15°$.

Ans

✓ 1. 2 + √3

✗ 2. 2 – √3

✗ 3. √3 – 1

✗ 4. √3 + 1

Question ID : **264330143530**
Status : **Answered**
Chosen Option : **1**

Q.12 **If P cos α = 3 and 4 tan α = Q, then what is the relation between P and Q, which is independent of α?**

Ans

✗ 1. $\frac{9}{P^2}+\frac{16}{Q^2}=1$

✗ 2. $\frac{9}{P^2}-\frac{16}{Q^2}=1$

✓ 3. $\frac{P^2}{9}-\frac{Q^2}{16}=1$

✗ 4. $\frac{P^2}{9}+\frac{Q^2}{16}=1$

Question ID : **26433075372**
Status : **Not Answered**
Chosen Option : **--**

Q.13 In a △ABC, the internal bisectors of ∠B and ∠C meet at O. if ∠BAC = 72°, then the value of ∠BOC is:

Ans
✗ 1. 110°
✓ 2. 126°
✗ 3. 136°
✗ 4. 146°

Question ID : **264330130414**
Status : **Answered**
Chosen Option : **2**

Q.14 The lateral area of a cylinder is 3168 cm^2 and its height is 48 cm. Find the volume.

Ans
✗ 1. 5244 cm^3
✗ 2. 5544 cm^3
✗ 3. 5644 cm^3
✓ 4. 16632 cm^3

Question ID : **26433082847**
Status : **Answered**
Chosen Option : **4**

Q.15 A shopkeeper allows a discount of 10% on the printed price of his goods and thus gains 20%. What is the ratio between the cost price and the printed price of the item?

Ans
✓ 1. $3:4$
✗ 2. $2:3$
✗ 3. $4:5$
✗ 4. $1:2$

Question ID : **26433082372**
Status : **Answered**
Chosen Option : **1**

Q.16 A can do a work in 4 days and B in 12 days. If they work on it together for 2 days, then the fraction of the work that will be left is:

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

Question ID : **264330106020**
Status : **Answered**
Chosen Option : **3**

Q.17 **Inlet Pipes A and B can together fill an empty tank in 1.5 hours. Outlet Pipe C, when opened alone, can empty the completely filled tank, in 4.5 hours. When only Pipes A and C are opened together, the empty tank is filled in 6 hours. Find the time taken by Pipe B, when opened alone, to fill the empty tank.**

Ans
✗ 1. 3 hours 30 minutes
✓ 2. 3 hours 36 minutes
✗ 3. 3 hours 32 minutes
✗ 4. 3 hours 40 minutes

Question ID : **264330114520**
Status : **Answered**
Chosen Option : **2**

Q.18 If $(3y - \frac{3}{y}) = 5$, find the value of $(y^2 + \frac{1}{y^2})$.

Ans
✗ 1. $\frac{47}{9}$
✗ 2. $\frac{49}{9}$
✗ 3. $\frac{41}{9}$
✓ 4. $\frac{43}{9}$

Question ID : **264330114537**
Status : **Answered**
Chosen Option : **4**

Q.19 **A thief committed a crime and escaped from the spot at a speed of 12 m/h. A Security guard started chasing him 20 minutes after the thief started running and caught him in the next 20 minutes. What is the speed (in m/h) of the Security guard?**

Ans
✓ 1. 24
✗ 2. 30
✗ 3. 32
✗ 4. 36

Question ID : **264330131354**
Status : **Answered**
Chosen Option : **1**

Q.20 A man took a loan of ₹32,400 at a certain rate of simple interest per annum. The rate of interest is one-fourth of the number of years for which the loan is taken. If he paid ₹11,664 as interest at the end of the loan period, the rate of interest was:

Ans
✔ 1. 3%
✘ 2. 8%
✘ 3. 5%
✘ 4. 12%

Question ID : **264330112803**
Status : **Not Answered**
Chosen Option : **--**

Q.21 The seats for Mathematics, English and Chemistry in a school are in the ratio of 6 : 4 : 7. If these seats are increased by 20%, 40% and 60%, respectively, the ratio of the increased seats is:

Ans
✘ 1. 9 : 7 : 8
✔ 2. 9 : 7 : 14
✘ 3. 1 : 2 : 3
✘ 4. 7 : 9 : 14

Question ID : **264330103545**
Status : **Answered**
Chosen Option : **2**

Q.22 The wheel of a lorry has radius 182 cm. The number of revolutions (approximately) per minute the lorry wheel will make is _____ (if the speed of the lorry is 66 km/h).

Ans
✘ 1. 100
✔ 2. 96
✘ 3. 1144
✘ 4. 66

Question ID : **26433061621**
Status : **Not Answered**
Chosen Option : **--**

Q.23 The monthly income of a person was Rs.80,000 and his monthly expenditure was Rs.45,000. Next year, his income increased by 16% and his expenditure increased by 8%. Find the percentage increase in his savings (correct to 2 decimal places).

Ans
✔ 1. 26.29%
✘ 2. 25.35%
✘ 3. 44.36%
✘ 4. 30.25%

Question ID : **264330145064**
Status : **Answered**
Chosen Option : **1**

Q.24 **A woman is 28 years older than her son. In three years, her age will be twice the age of her son. The present age of the son is:**

Ans
✗ 1. 28 years
✗ 2. 20 years
✗ 3. 22 years
✓ 4. 25 years

Question ID : **264330145539**
Status : **Answered**
Chosen Option : **4**

Q.25 **Anil and Bipin together can complete a work in 15 days, while Bipin alone can finish it 20 days. In how many days can Anil alone finish the work?**

Ans
✗ 1. 40
✓ 2. 60
✗ 3. 65
✗ 4. 30

Question ID : **264330118103**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 **Select the option that expresses the given sentence in passive voice.**
Is he not driving a car?

Ans
✗ 1. Was he not driving a car?
✓ 2. Is a car not being driven by him?
✗ 3. Is a car not been driven by him?
✗ 4. Does he not drive a car?

Question ID : **264330141130**
Status : **Answered**
Chosen Option : **2**

Q.2 **Select the most appropriate ANTONYM of the underlined word.**
Managers who <u>delegate</u> reduce their work load.

Ans
✓ 1. Retain
✗ 2. Appoint
✗ 3. Nominate
✗ 4. Depute

Question ID : **264330117471**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the most appropriate ANTONYM of the given word.**
Innate

Ans
✔ 1. Learned
✘ 2. Aquatic
✘ 3. Natural
✘ 4. Replete

Question ID : **264330132807**
Status : **Answered**
Chosen Option : **1**

Q.4 **Select the most appropriate synonym of the given word.**

Incredible

Ans
✘ 1. Realistic
✘ 2. Unachievable
✔ 3. Unbelievable
✘ 4. Reasonable

Question ID : **26433073699**
Status : **Answered**
Chosen Option : **3**

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

Radium is a white powder that _____ table salt.

Ans
✔ 1. looks like
✘ 2. look like
✘ 3. will look like
✘ 4. looking like

Question ID : **26433072722**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the most appropriate synonym of the given word.**
Vendetta

Ans
✘ 1. Dilemma
✔ 2. Disagreement
✘ 3. Vacillation
✘ 4. Passion

Question ID : **26433099851**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Select the most appropriate option to substitute the underlined segment in the given sentence.**

They are the people <u>which are looking to expand</u> their horizons in the fast growing tourism industry.

Ans
1. which looked to expand
2. who is looking to expand
3. who are looking to expand
4. that are looked to expand

Question ID : **26433093023**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the most appropriate ANTONYM of the underlined word.**

Most of the things in life are <u>transient</u>.

Ans
1. Boring
2. Permanent
3. Toxic
4. Fleeting

Question ID : **26433090865**
Status : **Answered**
Chosen Option : **2**

Q.9 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

Sky appears blue / as it absorbs / all colours and / reflects only blue.

Ans
1. reflects only blue
2. all colours and
3. Sky appears blue
4. as it absorbs

Question ID : **26433061023**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the option that can be used as a one-word substitute for the given group of words.**

Child bereaved of one or both the parents

Ans
1. Destitute
2. Orphan
3. Lout
4. Desolate

Question ID : **26433088120**
Status : **Answered**
Chosen Option : **2**

Q.11 **Select the correct spelling for the INCORRECTLY spelt word in the given sentence.**

Science has made prrogres in leaps and bounds over the years.

Ans
1. leap
2. progress
3. sceince
4. bound

Question ID : **26433090498**
Status : **Answered**
Chosen Option : **2**

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

Having a consistency that does not easily yield to pressure

Ans
1. Substantial
2. Firm
3. Ramrod
4. Close

Question ID : **26433084588**
Status : **Not Answered**
Chosen Option : **--**

Q.13 **Describe how you will tell your teacher that the windmill is being built by Master Yadav in active voice.**

Ans
1. The windmill is be built by Master Yadav.
2. Master Yadav been building the windmill.
3. Master Yadav build the windmill.
4. Master Yadav is building the windmill.

Question ID : **264330122778**
Status : **Answered**
Chosen Option : **4**

Q.14 **Select the most appropriate option that can substitute the underlined word in the given idiom.**

She is an awful bore; she is always blowing her own saxophone.

Ans
1. flute
2. lyre
3. trumpet
4. violin

Question ID : **264330101281**
Status : **Answered**
Chosen Option : **3**

Q.15 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**

A.Graphology tells them about the candidates' temperaments, highlighting both, weaknesses and strengths.
B.Many companies use it for executive recruitment and analysis.
C.Despite public scepticism, graphology plays a covert role in British management.
D.Modern graphology began early in the 19th century when French churchman Jean Hippolyte Michon created the first graphological 'catalogue'.

Ans
✔ 1. DCBA
✘ 2. ABCD
✘ 3. ABDC
✘ 4. CBDA

Question ID : **26433096953**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the most appropriate meaning of the given idiom.**

Blow something out of (all) proportion.

Ans
✘ 1. Make things difficult for someone without reason
✘ 2. Leave someone at a time when they need you to stay and help them
✘ 3. Control the level of something in order to stop it increasing
✔ 4. Behave as if something that has happened is much worse than it really is

Question ID : **26433090800**
Status : **Answered**
Chosen Option : **4**

Q.17 **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.**

A celestial body or astronomical object is / a naturally occurring physical thing, association, / or configuration that happens in the visible universe.

Ans
✔ 1. No error
✘ 2. A celestial body or astronomical object is
✘ 3. or configuration that happens in the visible universe
✘ 4. a naturally occurring physical thing, association

Question ID : **26433073770**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **Select the word with the correct spelling to fill in the blank.**
Have you ever tried to order _____ in a restaurant?

Ans
✔ 1. Cabbage
✘ 2. Cebbage
✘ 3. Cebbege
✘ 4. Cabbige

Question ID : **264330100243**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the most appropriate option to fill in the blank.**

The _____ purpose of the coaching was to identify the talented players.

Ans
1. mean
2. mine
3. mane
4. main

Question ID : **264330145563**
Status : **Answered**
Chosen Option : **4**

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

A. Quipu, a type of knotted rope employed by the Incas of South America, served as a memory aid.
B. Different colours were used to dye the strings.
C. Yellow represented money while red stood for battle or warriors.
D. Do you realise that five yellow knots represented five gold coins?

Ans
1. BCAD
2. BDAC
3. ADBC
4. ABCD

Question ID : **26433098144**
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.
The cornea, a transparent covering, and a spherical lens make up the eye's lens system, just like any other camera. The retina is a kind of 'reusable film'. This is the (1)_____ for images. The size of the opening, the shape of the lens and the movements of the eye are all controlled by various sets of muscles.
There are three things that happen when you look at an object:
1. To fit on the retina, your eye's tiny 'screen', the image must be reduced in size.
2. It is necessary to focus the scattered light at the retina's (2) _____.
3. To match the retina's curve, the image must be curved.
The image is focused on the retina by the lens and cornea working (3) _____. When the eye is unable to focus the image onto the retina, the majority of vision problems occur. The cornea is reshaped during laser eye surgery, which alters the eye's focal point. The primary objective is to precisely focus the image on the retina, just like in an ordinary eye. The corneas of most people are either too long or too short. In the first scenario, corneal flattening is accomplished through laser eye surgery. The cornea is reshaped in the latter scenario by becoming rounder. This corneal tissue is amazing because it heals and rebonds immediately, (4) _____ the need for stitches.
To make precise cuts as (5) _____ as a quarter micron in length, a laser beam is sharply focused. A laser can remove 0.5% of a human hair's width at once, and the typical human hair has a diameter of fifty microns! Although they are able to significantly improve their vision, many laser eye surgery patients never attain normal vision.

SubQuestion No : 21

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

Ans

✗ 1. reason

✓ 2. foundation

✗ 3. justification

✗ 4. cause

Question ID : **264330139325**
Status : **Not Answered**
Chosen Option : **--**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The cornea, a transparent covering, and a spherical lens make up the eye's lens system, just like any other camera. The retina is a kind of 'reusable film'. This is the (1)_____ for images. The size of the opening, the shape of the lens and the movements of the eye are all controlled by various sets of muscles.
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The image is focused on the retina by the lens and cornea working (3) _____. When the eye is unable to focus the image onto the retina, the majority of vision problems occur. The cornea is reshaped during laser eye surgery, which alters the eye's focal point. The primary objective is to precisely focus the image on the retina, just like in an ordinary eye. The corneas of most people are either too long or too short. In the first scenario, corneal flattening is accomplished through laser eye surgery. The cornea is reshaped in the latter scenario by becoming rounder. This corneal tissue is amazing because it heals and rebonds immediately, (4) _____ the need for stitches.
To make precise cuts as (5) _____ as a quarter micron in length, a laser beam is sharply focused. A laser can remove 0.5% of a human hair's width at once, and the typical human hair has a diameter of fifty microns! Although they are able to significantly improve their vision, many laser eye surgery patients never attain normal vision.

SubQuestion No : 22

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

Ans

✗ 1. lane

✗ 2. side

✗ 3. top

✓ 4. surface

Question ID : **264330139326**
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.
The cornea, a transparent covering, and a spherical lens make up the eye's lens system, just like any other camera. The retina is a kind of 'reusable film'. This is the (1)_____ for images. The size of the opening, the shape of the lens and the movements of the eye are all controlled by various sets of muscles.
There are three things that happen when you look at an object:
1. To fit on the retina, your eye's tiny 'screen', the image must be reduced in size.
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3. To match the retina's curve, the image must be curved.
The image is focused on the retina by the lens and cornea working (3) _____. When the eye is unable to focus the image onto the retina, the majority of vision problems occur. The cornea is reshaped during laser eye surgery, which alters the eye's focal point. The primary objective is to precisely focus the image on the retina, just like in an ordinary eye. The corneas of most people are either too long or too short. In the first scenario, corneal flattening is accomplished through laser eye surgery. The cornea is reshaped in the latter scenario by becoming rounder. This corneal tissue is amazing because it heals and rebonds immediately, (4) _____ the need for stitches.
To make precise cuts as (5) _____ as a quarter micron in length, a laser beam is sharply focused. A laser can remove 0.5% of a human hair's width at once, and the typical human hair has a diameter of fifty microns! Although they are able to significantly improve their vision, many laser eye surgery patients never attain normal vision.

SubQuestion No : 23

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

Ans

✗ 1. alone

✓ 2. together

✗ 3. consciously

✗ 4. separately

Question ID : **264330139327**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The cornea, a transparent covering, and a spherical lens make up the eye's lens system, just like any other camera. The retina is a kind of 'reusable film'. This is the (1)_____ for images. The size of the opening, the shape of the lens and the movements of the eye are all controlled by various sets of muscles.
There are three things that happen when you look at an object:
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The image is focused on the retina by the lens and cornea working (3) _____. When the eye is unable to focus the image onto the retina, the majority of vision problems occur. The cornea is reshaped during laser eye surgery, which alters the eye's focal point. The primary objective is to precisely focus the image on the retina, just like in an ordinary eye. The corneas of most people are either too long or too short. In the first scenario, corneal flattening is accomplished through laser eye surgery. The cornea is reshaped in the latter scenario by becoming rounder. This corneal tissue is amazing because it heals and rebonds immediately, (4) _____ the need for stitches.
To make precise cuts as (5) _____ as a quarter micron in length, a laser beam is sharply focused. A laser can remove 0.5% of a human hair's width at once, and the typical human hair has a diameter of fifty microns! Although they are able to significantly improve their vision, many laser eye surgery patients never attain normal vision.

SubQuestion No : 24

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

Ans

✗ 1. abolishing

✗ 2. destroying

✗ 3. demonstrating

✓ 4. eliminating

Question ID : **264330139328**
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.
The cornea, a transparent covering, and a spherical lens make up the eye's lens system, just like any other camera. The retina is a kind of 'reusable film'. This is the (1)_____ for images. The size of the opening, the shape of the lens and the movements of the eye are all controlled by various sets of muscles.
There are three things that happen when you look at an object:
1. To fit on the retina, your eye's tiny 'screen', the image must be reduced in size.
2. It is necessary to focus the scattered light at the retina's (2) _____.
3. To match the retina's curve, the image must be curved.
The image is focused on the retina by the lens and cornea working (3) _____. When the eye is unable to focus the image onto the retina, the majority of vision problems occur. The cornea is reshaped during laser eye surgery, which alters the eye's focal point. The primary objective is to precisely focus the image on the retina, just like in an ordinary eye. The corneas of most people are either too long or too short. In the first scenario, corneal flattening is accomplished through laser eye surgery. The cornea is reshaped in the latter scenario by becoming rounder. This corneal tissue is amazing because it heals and rebonds immediately, (4) _____ the need for stitches.
To make precise cuts as (5) _____ as a quarter micron in length, a laser beam is sharply focused. A laser can remove 0.5% of a human hair's width at once, and the typical human hair has a diameter of fifty microns! Although they are able to significantly improve their vision, many laser eye surgery patients never attain normal vision.

SubQuestion No : 25

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

Ans

✗ 1. big

✗ 2. high

✓ 3. small

✗ 4. large

Question ID : **264330139329**
Status : **Answered**
Chosen Option : **3**