Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	Webinfotron Technologies Pvt. Ltd.
Exam Date	08/12/2022
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 correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.**
59 * 12 * 6 * 24 * 2 * 105

Ans
✗ 1. −, +, −, +, =
✗ 2. ×, −, +, ×, =
✗ 3. +, ×, +, −, =
✓ 4. −, ÷, +, ×, =

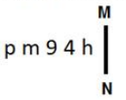
Question ID : **26433068683**
Status : **Answered**
Chosen Option : **4**

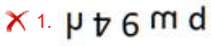
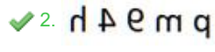
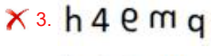
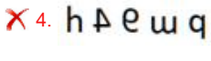
Q.2 **F + M means 'F is the husband of M'**
F ÷ M means 'F is the daughter of M'
F − M means 'F is the father of M'
F × M means 'F is the mother of M'
If U + V × K – B, then how is U related to B?

Ans
✗ 1. Paternal grandmother
✓ 2. Paternal grandfather
✗ 3. Maternal grandmother
✗ 4. Father

Question ID : **26433068071**
Status : **Answered**
Chosen Option : **2**

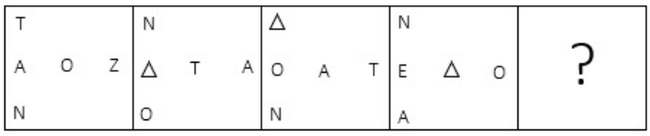
Q.3 Select the correct mirror image of the given combination when the mirror is placed at line MN as shown.



Ans
✗ 1. 
✓ 2. 
✗ 3. 
✗ 4. 

Question ID : **26433068206**
Status : **Answered**
Chosen Option : **2**

Q.4 Which figure should replace the question mark (?) if the series were to be continued?



Ans

1.

2.

3.

4.

Question ID : **26433076660**
Status : **Marked For Review**
Chosen Option : **2**

Q.5 Select the figure that will come next in the following figure series.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **26433057523**
Status : **Answered**
Chosen Option : **1**

Q.6 Which of the following terms will replace the question mark (?) in the given series?

LKC KMD ? IQF HSG

Ans

✘ 1. JOP

✘ 2. IOJ

✘ 3. IOE

✔ 4. JOE

Question ID : **26433085329**
Status : **Answered**
Chosen Option : **4**

Q.7 **In a certain code language, 'ABASE' is coded as 'ZEZVD' and 'BANDS' is coded as 'EZQGV'. How will 'CABIN' be coded in that language?**

Ans

✘ 1. FZYLK

✘ 2. FAEIQ

✔ 3. FZEHQ

✘ 4. FDELQ

Question ID : **26433067339**
Status : **Answered**
Chosen Option : **4**

Q.8 **Which number will replace the question mark (?) in the following series?**
37, 39, ?, 242, 970, 4852

Ans
✔ 1. 80
✘ 2. 122
✘ 3. 108
✘ 4. 160

Question ID : **26433068965**
Status : **Answered**
Chosen Option : **1**

Q.9 **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.)
(2, 4, 18)
(1, 9, 50)

Ans
✔ 1. (3, 5, 32)
✘ 2. (2, 5, 49)
✘ 3. (6, 4, 10)
✘ 4. (5, 4, 18)

Question ID : **26433069237**
Status : **Marked For Review**
Chosen Option : **2**

Q.10 **Which letter-cluster will replace the question mark (?) to complete the given series?**
EGJM, GFLN, IENO, ?, MCRQ

Ans
✔ 1. KDPP
✘ 2. KPDD
✘ 3. KPDK
✘ 4. KPDP

Question ID : **26433065949**
Status : **Answered**
Chosen Option : **1**

Q.11 **Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).**
Statements:
Some floors are plates.
No plate is a sofa.
All gardens are plates.
Conclusions:
I. Some floors being gardens is a possibility.
II. No garden is a sofa.
III. All plates are gardens.
IV. No floors is a sofa.

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

Question ID : **26433070348**
Status : **Answered**
Chosen Option : **4**

Q.12 **If A ÷ B means that A is the brother of B, A × B means that A is the sister of B, A – B means that A is the father of B then which of the following expression shows that P is the father of R?**

Ans
✔ 1. P – Q × R
✘ 2. P × Q – R
✘ 3. P ÷ Q × P
✘ 4. P – Q ÷ R

Question ID : **264330105005**
Status : **Answered**
Chosen Option : **4**

Q.13 **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. No P is Q.
II. All B are Q.
Conclusions:
I. No P is B.
II. Some Q are not P.
III. Some B are not Q.

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

Question ID : **264330104943**
Status : **Answered**
Chosen Option : **1**

Q.14 **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)
(5, 35, 7)
(8, 32, 4)

Ans
✘ 1. (11, 56, 5)
✔ 2. (3, 27, 9)
✘ 3. (4, 30, 7)
✘ 4. (9, 38, 4)

Question ID : **26433070241**
Status : **Answered**
Chosen Option : **2**

Q.15 **By interchanging the given two signs which of the following equation will be correct?**
× and –

Ans
✘ 1. 7 × 9 – 8 ÷ 2 + 6 = 25
✔ 2. 8 × 6 – 9 ÷ 3 + 10 = 0
✘ 3. 16 – 4 ÷ 2 + 8 × 1 = 36
✘ 4. 5 + 7 × 3 – 4 ÷ 2 = 8

Question ID : **264330105118**
Status : **Answered**
Chosen Option : **2**

Q.16 **Select the set in which the numbers are related in the same way as are the numbers of the following sets:**
(99, 199, 1199)
(15, 115, 1115)
(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. (11, 111, 1000)
✓ 2. (33, 133, 1133)
✗ 3. (22, 222, 2222)
✗ 4. (77, 717, 7117)

Question ID : **26433087186**
Status : **Answered**
Chosen Option : **2**

Q.17 **By interchanging the given two signs which of the following equation will be correct?**
÷ and +

Ans
✗ 1. 18 ÷ 24 – 6 × 6 + 3 = 32
✗ 2. 12 – 8 + 12 × 9 ÷ 3 = 10
✗ 3. 12 ÷ 8 × 3 + 6 – 10 = 8
✓ 4. 7 + 21 × 42 ÷ 14 – 9 = 19

Question ID : **264330105114**
Status : **Answered**
Chosen Option : **4**

Q.18 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '1'.

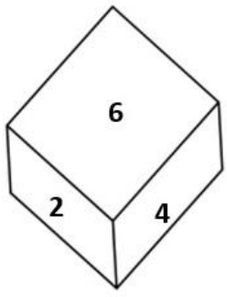


Figure 1

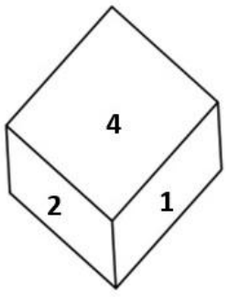


Figure 2

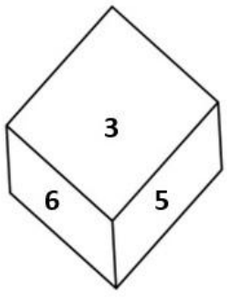


Figure 3

Ans
✓ 1. 6
✗ 2. 3
✗ 3. 2
✗ 4. 4

Question ID : **26433069065**
Status : **Answered**
Chosen Option : **1**

Q.19 **In a certain code language, 'come home soon' is coded as '444', 'are you coming' is coded as '336' and 'raining badly outside' is coded as '757'. How will 'kids are happy' be coded in that language?**

Ans

✗ 1. 543

✓ 2. 435

✗ 3. 345

✗ 4. 534

Question ID : **26433067772**
Status : **Answered**
Chosen Option : **2**

Q.20 **Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)**
Cells : Tissue :: Organs : ?

Ans

✗ 1. Kidney

✗ 2. Lungs

✓ 3. Body

✗ 4. Heart

Question ID : **26433067808**
Status : **Answered**
Chosen Option : **3**

Q.21 **Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)**
Librarian : Library

Ans

✗ 1. Sailor : Aeroplane

✓ 2. Priest : Temple

✗ 3. Watchmen : Train

✗ 4. Doctor : Treatment

Question ID : **26433065977**
Status : **Answered**
Chosen Option : **2**

Q.22 **Four letter-clusters have been given out of which three are alike in some manner and one is different. Select the one that is different.**

Ans

✗ 1. MJG

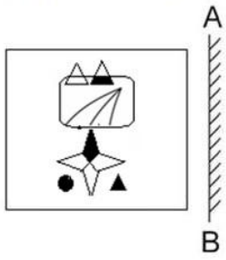
✓ 2. GEB

✗ 3. WTQ

✗ 4. OLI

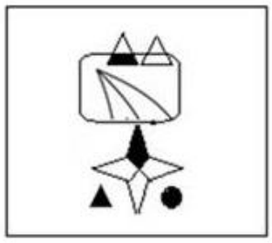
Question ID : **26433068506**
Status : **Answered**
Chosen Option : **2**

Q.23 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

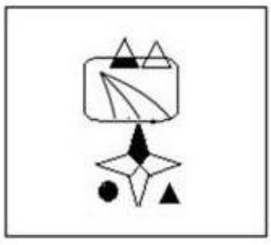


Ans

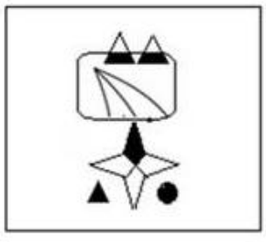
✔ 1.



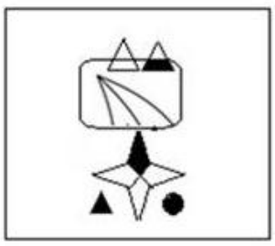
✗ 2.



✗ 3.



✗ 4.



Question ID : **26433057948**
Status : **Answered**
Chosen Option : **1**

Q.24 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1- Empress
2- Employee
3- Empty
4- Emporium
5- Employer

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

Question ID : **26433079442**
Status : **Answered**
Chosen Option : **3**

Q.25 **In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)**

Ans
✗ 1. 12 – 142
✗ 2. 8 – 62
✗ 3. 4 – 14
✓ 4. 14 – 192

Question ID : **264330105056**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 **Which of the following towns was grown as a temple town during the Chola dynasty?**

Ans
✓ 1. Bhillasvamin
✗ 2. Ajmer
✗ 3. Ahmedabad
✗ 4. Ahmednagar

Question ID : **264330105443**
Status : **Marked For Review**
Chosen Option : **4**

Q.2 **The major resources of Gondwana coal, which are metallurgical coal are located in _____.**

Ans
✓ 1. Damadar valley
✗ 2. Chambal valley
✗ 3. Krishna valley
✗ 4. Narmada valley

Question ID : **264330105508**
Status : **Answered**
Chosen Option : **1**

Q.3 **The ICC Women's cricket World Cup 2022 was held in _____.**

Ans
✗ 1. England
✗ 2. India
✗ 3. Australia
✓ 4. New Zealand

Question ID : **26433071549**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Identify an example of organisms that do NOT belong to the third trophic level.**

Ans
✗ 1. Fishes
✗ 2. Wolves
✗ 3. Birds
✓ 4. Cows

Question ID : **26433087875**
Status : **Answered**
Chosen Option : **2**

Q.5 **In 'Andes Mountain' of South America animal which is used for transportation is _____.**

Ans
✗ 1. Bullocks
✗ 2. Camels
✗ 3. Donkeys
✓ 4. Llamas

Question ID : **264330105603**
Status : **Answered**
Chosen Option : **4**

Q.6 **The early Turkish rulers ruled between _____ years over Delhi.**

Ans
✗ 1. 1165 and 1198
✗ 2. 1226 and 1290
✓ 3. 1206 and 1290
✗ 4. 1192 and 1225

Question ID : **264330105422**
Status : **Answered**
Chosen Option : **3**

Q.7 **Surekha Punekar is a _____ dancer from the Indian state of Maharashtra.**

Ans
✗ 1. Tamasha
✓ 2. Lavani
✗ 3. Povada
✗ 4. Koli

Question ID : **26433064306**
Status : **Marked For Review**
Chosen Option : **2**

Q.8 **The 15th Men's FIH hockey World Cup will be held in the year _____.**

Ans

✗ 1. 2022

✗ 2. 2025

✗ 3. 2024

✓ 4. 2023

Question ID : **26433071558**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **The core of earth is made up of _____.**

Ans

✗ 1. cobalt and nickel

✗ 2. iron and cobalt

✗ 3. nickel and magnesium

✓ 4. nickel and iron

Question ID : **26433066511**
Status : **Answered**
Chosen Option : **4**

Q.10 **Who among the following is NOT an exponent of Mohiniyattam classical dance form?**

Ans

✗ 1. Smitha Rajan

✗ 2. Jayaprabha Menon

✓ 3. Prateeksha Kashi

✗ 4. Radha Dutta

Question ID : **26433082132**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **Fundamental Rights are mentioned in which part of the Constitution of India?**

Ans

✗ 1. Part IV

✓ 2. Part III

✗ 3. Part VI

✗ 4. Part IX

Question ID : **26433086799**
Status : **Answered**
Chosen Option : **2**

Q.12 **The famous hill station udagamandalam is also known as _____.**

Ans

✗ 1. Kodaikanal

✗ 2. Shivpuri

✓ 3. Ooty

✗ 4. Mussorie

Question ID : **264330105659**
Status : **Answered**
Chosen Option : **3**

Q.13 **The Council of Ministers shall not exceed ___% of the total number of members of the Assembly of States.**

Ans
✔ 1. 15
✘ 2. 20
✘ 3. 12
✘ 4. 10

Question ID : **26433064851**
Status : **Answered**
Chosen Option : **4**

Q.14 **The United Nations Environment Programme has signed a Memorandum of Understanding with the _____ government to support its 'Majhi Vasundhara' campaign.**

Ans
✔ 1. Maharashtra
✘ 2. Rajasthan
✘ 3. Karnataka
✘ 4. Gujarat

Question ID : **264330105281**
Status : **Answered**
Chosen Option : **2**

Q.15 **Among the following, which contains the lowest amount of sugar?**

Ans
✘ 1. Apple
✘ 2. Mango
✔ 3. Potato
✘ 4. Banana

Question ID : **26433064433**
Status : **Answered**
Chosen Option : **1**

Q.16 **The Family Courts (Amendment) Bill was introduced in Lok Sabha on July 18, 2022. Under this act, which of the following states has set up Family Courts?**

Ans
✔ 1. Himachal Pradesh
✘ 2. Arunachal Pradesh
✘ 3. Assam
✘ 4. Gujarat

Question ID : **264330105231**
Status : **Marked For Review**
Chosen Option : **1**

Q.17 **Which of the following organisations of the Government of India has been reporting the GDP at factor cost and at market prices?**

Ans
✘ 1. Reserve Bank of India
✘ 2. National Sample Survey Organisation
✔ 3. Central Statistics Office
✘ 4. NITI Aayog

Question ID : **264330105392**
Status : **Answered**
Chosen Option : **1**

Q.18 Who founded the value of 'G'?

Ans
✔ 1. Henry Cavendish
✘ 2. Michael Faraday
✘ 3. Isaac Newton
✘ 4. Marie Curie

Question ID : **26433086737**
Status : **Answered**
Chosen Option : **3**

Q.19 Which Indian musician served as the artistic director of the World Music Department at the Rotterdam Music Conservatory in the Netherlands?

Ans
✔ 1. Hariprasad Chaurasia
✘ 2. Pravin Godkhindi
✘ 3. Ronu Majumdar
✘ 4. Nityanand Haldipur

Question ID : **26433054847**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Identify the statement that is NOT true about ATP.

Ans
✘ 1. nerve impulse propagation
✔ 2. Secretion of enzymes
✘ 3. Contraction of muscles
✘ 4. Protein synthesis

Question ID : **26433066669**
Status : **Answered**
Chosen Option : **3**

Q.21 The Industrial Policy Resolution 1956, classified industries into how many categories?

Ans
✔ 1. 3
✘ 2. 5
✘ 3. 6
✘ 4. 4

Question ID : **26433065437**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The iron pillar situated at Mehrauli, Delhi is belonged to which of the following Gupta ruler?

Ans
✘ 1. Skandagupta
✘ 2. Samudragupta
✘ 3. Kumaragupta
✔ 4. Chandragupta II

Question ID : **264330105202**
Status : **Answered**
Chosen Option : **2**

Q.23 **Vasco da Gama, a Portuguese explorer, discovered the sea route to India in _____.**

Ans
✗ 1. 1488
✓ 2. 1498
✗ 3. 1508
✗ 4. 1518

Question ID : **264330105551**
Status : **Answered**
Chosen Option : **2**

Q.24 **Name the classical dancer who was given the Prani Mitra Award in 1968.**

Ans
✗ 1. Dr Padma Subrahmanyam
✗ 2. Shovana Narayan
✓ 3. Rukmini Devi Arundale
✗ 4. Bipin Singh

Question ID : **26433082131**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **In August 2022, the Union government has appointed _____as a director in the Prime Minister's Office (PMO).**

Ans
✗ 1. Gopal Vittal
✗ 2. Rajesh Verma
✗ 3. Anuj Poddar
✓ 4. Shweta Singh

Question ID : **264330105328**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 **In the first year the population of a town decreased by 5% due to the Corona virus first wave. In the next year it decreased again by 5% due to the second wave and in the third year it increased by 5%. At the end of the third year the population was 9,47,625. What was the population at the beginning of the first year?**

Ans
✗ 1. 7,00,000
✓ 2. 10,00,000
✗ 3. 8,97,993
✗ 4. 9,92,519

Question ID : **26433066182**
Status : **Answered**
Chosen Option : **2**

Q.2 **A shopkeeper claims to sell his article at a discount of 10%, but marks his articles by increasing the cost of each by 20%. His gain percentage is:**

Ans
✗ 1. 18%
✗ 2. 12%
✓ 3. 8%
✗ 4. 16%

Question ID : **26433075153**
Status : **Answered**
Chosen Option : **3**

Q.3 Find the total surface area of a cube whose volume is 343 m^3.

Ans
1. $186\ m^2$
2. $294\ m^2$
3. $196\ m^2$
4. $210\ m^2$

Question ID : **26433063911**
Status : **Answered**
Chosen Option : **2**

Q.4 Find the fourth proportional to the numbers 17, 272 and 19.

Ans
1. 332
2. 323
3. 403
4. 304

Question ID : **26433065085**
Status : **Answered**
Chosen Option : **4**

Q.5 In a linear race of 500 m, A can beat B by 50 m and in a race of 600 m, B can beat C by 60 m. By how many metres will A beat C in a race of 400 m?

Ans
1. 70
2. 68
3. 76
4. 72

Question ID : **26433075202**
Status : **Answered**
Chosen Option : **2**

Q.6 Raju, Sunil and Vishal can separately finish a work in 20, 30 and 40 days, respectively. In how many days Raju can finish the work, if he is assisted by Sunil and Vishal on alternate days, starting with Sunil?

Ans
1. $12\frac{3}{5}$
2. $12\frac{1}{20}$
3. $11\frac{1}{20}$
4. $11\frac{3}{5}$

Question ID : **26433075572**
Status : **Answered**
Chosen Option : **1**

Q.7 **Mohit purchased a table for Rs.1,260 and due to some scratches on its top, he sold it for Rs.1,197. What is his loss percent?**

Ans

✗ 1. 7%

✗ 2. 4%

✗ 3. 6%

✓ 4. 5%

Question ID : **26433066358**
Status : **Answered**
Chosen Option : **4**

Q.8 **A student's marks were wrongly entered as 65 instead of 45. Due to this, the average marks for the class got increased by 1/3. The number of students in the class is:**

Ans

✗ 1. 40

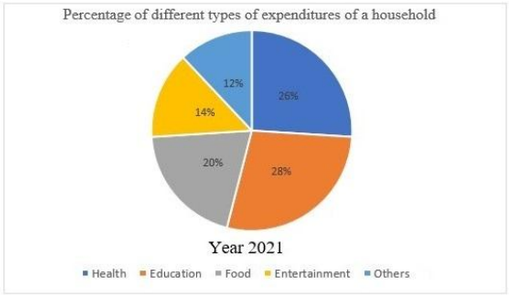
✗ 2. 20

✓ 3. 60

✗ 4. 30

Question ID : **26433072995**
Status : **Answered**
Chosen Option : **3**

Q.9 Study the following pie chart and answer the question that follows.



The difference in the expenditure on health and entertainment is what percentage of the expenditure on food?

Ans

✓ 1. 60%

✗ 2. 20%

✗ 3. 30%

✗ 4. 200%

Question ID : **26433087402**
Status : **Not Answered**
Chosen Option : **--**

Q.10 The table given below shows the sales of bikes and cars of five companies.

Companies	Bike	Car
P	200	1200
Q	100	300
R	500	700
S	600	1000
T	800	800

J1 = The average sale of bikes of company P, Q and R.
J2 = The average sale of cars of company R, S and T.
What is the value of (J1 : J2)?

Ans
✗ 1. 24 : 11
✓ 2. 8 : 25
✗ 3. 7 : 24
✗ 4. 25 : 8

Question ID : **264330105742**
Status : **Answered**
Chosen Option : **2**

Q.11 Find the HCF of 4.08 and 6.63.

Ans
✗ 1. 0.50
✗ 2. 0.52
✓ 3. 0.51
✗ 4. 0.53

Question ID : **26433080078**
Status : **Answered**
Chosen Option : **3**

Q.12 Which of the following will satisfy $a^2 = b^2 + (ab)^2$ for the values a and b?

Ans
✗ 1. a = sin x , b = cot x
✗ 2. a = cos x , b = tan x
✓ 3. a = cot x , b = cos x
✗ 4. a = sin x , b = tan x

Question ID : **26433061627**
Status : **Answered**
Chosen Option : **2**

Q.13 7 is added to a certain number and the sum is multiplied by 5. The product is then divided by 3 and 4 is subtracted from the quotient. If the result comes to 16, then what is the original number?

Ans
✗ 1. 3
✗ 2. 1
✓ 3. 5
✗ 4. 4

Question ID : **26433063765**
Status : **Answered**
Chosen Option : **3**

Q.14 θ = 135°; γ = 15°.
What is the value of 2 cos(θ) sin(γ)?

Ans

✗ 1. $\frac{\sqrt{3}-1}{2}$

✓ 2. $\frac{1-\sqrt{3}}{2}$

✗ 3. $2-\sqrt{3}$

✗ 4. $\sqrt{3}-2$

Question ID : **26433061335**
Status : **Answered**
Chosen Option : **2**

Q.15
If abc = 5, what is the value of $\left(\frac{1}{1+a+b^{-1}}+\frac{1}{1+b+5c^{-1}}+\frac{1}{1+\frac{c}{5}+a^{-1}}\right)$?

Ans

✗ 1. 5

✓ 2. 1

✗ 3. $\frac{1}{5}$

✗ 4. $(a+b+c)$

Question ID : **26433075785**
Status : **Answered**
Chosen Option : **2**

Q.16
If sec x – cos x = 4, then what will be the value of $\frac{(1+\cos^2 x)}{\cos x}$?

Ans

✗ 1. 9/4

✗ 2. 1/4

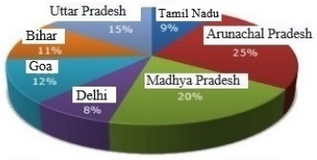
✓ 3. $2\sqrt{5}$

✗ 4. $\sqrt{5}$

Question ID : **264330105900**
Status : **Answered**
Chosen Option : **3**

Q.17 Study the given graph and table and answer the following question.

Data of different states regarding population of states in the year 1998



Total population of the given states = 32760000

States	Sex and literacy wise Population Ratio			
	Sex		Literacy	
	M	F	Literate	Illiterate
Arunachal Pradesh	5	3	2	7
Madhya Pradesh	3	1	1	4
Delhi	2	3	2	1
Goa	3	5	3	2
Bihar	3	4	4	1
Uttar Pradesh	3	2	7	2
Tamil Nadu	3	4	9	4

What was the ratio of the number of females in Arunachal Pradesh to the number of females in Uttar Pradesh ?

Ans

✗ 1. 21 : 50

✓ 2. 25 : 16

✗ 3. 16 : 25

✗ 4. 50 : 21

Question ID : **26433086279**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **The radius of a circle is 5 cm. Calculate the length of a tangent drawn to this circle from a point at a distance of 10 cm from its centre.**

Ans

✗ 1. $5\sqrt{5}$ cm

✗ 2. $5\sqrt{2}$ cm

✗ 3. 5 cm

✓ 4. $5\sqrt{3}$ cm

Question ID : **26433066390**
Status : **Answered**
Chosen Option : **4**

Q.19 **A hollow sphere has an outer radius of 6 cm and inner radius of 3 cm. What is the volume of this hollow sphere?**

Ans

✓ 1. 252p cm^3

✗ 2. 356p cm^3

✗ 3. 144p cm^3

✗ 4. 175p cm^3

Question ID : **264330105875**
Status : **Answered**
Chosen Option : **1**

Q.20 A certain amount will become six times in 20 years. How long does it take for the same amount to become 5 times? Assume the same rate of simple interest in each case.

Ans
✗ 1. 16 years 8 months
✗ 2. 15 years 8 months
✗ 3. 15 years
✓ 4. 16 years

Question ID : **26433075916**
Status : **Answered**
Chosen Option : **4**

Q.21 The table given below shows the earnings of two persons on five different days.

	Earnings	
Days	A	B
Tuesday	85	130
Wednesday	76	90
Thursday	45	102
Friday	95	86
Saturday	110	48

What is the difference between the total earnings of A and B on all the five days?

Ans
✓ 1. 45
✗ 2. 35
✗ 3. 50
✗ 4. 55

Question ID : **264330105753**
Status : **Answered**
Chosen Option : **1**

Q.22 If the angles of a triangle are (x – 6) degree, (x + 26) degree and 8x degree, then what is the value of 2x?

Ans
✗ 1. 12 degrees
✗ 2. 16 degrees
✗ 3. 48 degrees
✓ 4. 32 degrees

Question ID : **264330105816**
Status : **Answered**
Chosen Option : **4**

Q.23 If $4(z + 7)(2z – 1) = Az^2 + Bz + C$, then the value of A + B + C is:

Ans
✗ 1. 28
✓ 2. 32
✗ 3. 74
✗ 4. 81

Question ID : **26433076344**
Status : **Answered**
Chosen Option : **4**

Q.24 In a △ABC, AD, BE and CF are the medians from vertices A, B and C, respectively. The point of intersection of AD, BE and CF is called _____.

Ans

✗ 1. median point

✗ 2. orthocentre

✓ 3. centroid

✗ 4. incentre

Question ID : **26433075866**
Status : **Answered**
Chosen Option : **3**

Q.25 Factorize the following expression:
$p^3 + 27$

Ans

✗ 1. $(p-3)(p^2-3p+9)$

✗ 2. $(p+3)(p^2+3p+9)$

✓ 3. $(p+3)(p^2-3p+9)$

✗ 4. $(p+3)(p^2-3p-9)$

Question ID : **26433091628**
Status : **Answered**
Chosen Option : **1**

Section : **English Comprehension**

Q.1 Select the correct passive form of the given sentence.
Did he do his mission?

Ans

✓ 1. Was his mission done by him?

✗ 2. Was his mission do by him?

✗ 3. Was his mission being done by him?

✗ 4. Had his mission been done by him?

Question ID : **264330104550**
Status : **Answered**
Chosen Option : **1**

Q.2 Select the option that expresses the given sentence in active voice.

Does she know me?

Ans

✗ 1. Am I known by her?

✗ 2. Is she known to me?

✗ 3. Is she known by me?

✓ 4. Am I known to her?

Question ID : **26433072473**
Status : **Marked For Review**
Chosen Option : **4**

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

Ans
✗ 1. Peril
✗ 2. Jeopardy
✓ 3. Protection
✗ 4. Danger

Question ID : **26433060434**
Status : **Marked For Review**
Chosen Option : **3**

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

The wrestler retaliated the blow that he received.

Ans
✗ 1. Respected
✗ 2. Welcomed
✓ 3. Reciprocated
✗ 4. Forgave

Question ID : **26433071966**
Status : **Answered**
Chosen Option : **3**

Q.5 **Choose the incorrectly spelt word.**

Ans
✗ 1. Contradiction
✗ 2. Abhorrent
✓ 3. Condencing
✗ 4. Hereditary

Question ID : **264330104756**
Status : **Answered**
Chosen Option : **3**

Q.6 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Bouquet
✓ 2. Hygene
✗ 3. Mortgage
✗ 4. Champagne

Question ID : **26433065133**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate meaning of the given idiom.**
On cloud nine

Ans
✗ 1. Flying
✗ 2. Floating
✗ 3. Dreaming
✓ 4. Very happy

Question ID : **26433070800**
Status : **Answered**
Chosen Option : **4**

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

The professor refused to comment on the erroneous description of the historical events in the journal.

Ans
- ✗ 1. Suitable
- ✗ 2. Lucid
- ✓ 3. Inaccurate
- ✗ 4. Sensitive

Question ID : **26433071960**
Status : **Marked For Review**
Chosen Option : **2**

Q.9 **Select the option that can be used as a one-word substitute for the given group of words.**

An exaggerated statement not to be taken seriously or literally

Ans
- ✗ 1. Hypertext
- ✓ 2. Hyperbole
- ✗ 3. Hypocrisy
- ✗ 4. Hippocrates

Question ID : **26433060866**
Status : **Marked For Review**
Chosen Option : **3**

Q.10 **Sentences of a paragraph are given in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**

A.Dozens of distinctly different regional languages are spoken in India, which share many characteristics such as grammatical structure and vocabulary.
B.India has had a longer exposure to English than any other country which uses it as a second language, its distinctive words, idioms, grammar and rhetoric spreading gradually to affect all places, habits and culture.
C.The historical background of India is never far away from everyday usage of English.
D.Since the early 1600s, the English language has had a toehold on the Indian subcontinent, when the East India Company established settlements in Chennai, Kolkata, and Mumbai, formerly Madras, Calcutta, and Bombay, respectively.

Ans
- ✗ 1. ABCD
- ✗ 2. ADCB
- ✓ 3. DBCA
- ✗ 4. DCAB

Question ID : **26433070666**
Status : **Marked For Review**
Chosen Option : **1**

Q.11 **Rearrange the parts of the sentence in correct order.**
The ministry officials
P. recommend the shortlisted names to
Q. the awards selection committee
R. sieve through the applicants' credentials and
S. have been working overtime to

Ans
- ✓ 1. SRPQ
- ✗ 2. QRPS
- ✗ 3. SPQR
- ✗ 4. PQRS

Question ID : **264330104653**
Status : **Answered**
Chosen Option : **1**

Q.12 **Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.**

The rate of interest for the loan went <u>out all our calculations</u>.

Ans

✗ 1. under all our calculations

✗ 2. No substitution

✓ 3. beyond all our calculations

✗ 4. besides all our calculations

Question ID : **26433089277**
Status : **Answered**
Chosen Option : **3**

Q.13 **Select the most appropriate synonym of the underlined word in the following sentence.**

Iyadurai Solomon was a great teacher because he <u>instilled</u> in all the children a sense of their own worth.

Ans

✗ 1. stopped

✗ 2. took out

✓ 3. inculcate

✗ 4. neglected

Question ID : **26433060805**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the most appropriate meaning of the given idiom.**
Someone's heart is in the right place

Ans

✗ 1. Suddenly feel so excited or frightened that your heart beats faster

✗ 2. Change your opinion or the way you feel

✗ 3. Share secret worries with someone else

✓ 4. Someone is good even if they sometimes behave in a wrong manner

Question ID : **26433060471**
Status : **Answered**
Chosen Option : **4**

Q.15 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

She has / not written / a single novel / by three years.

Ans

✗ 1. not written

✗ 2. She has

✓ 3. by three years

✗ 4. a single novel

Question ID : **26433092267**
Status : **Answered**
Chosen Option : **3**

Q.16 **Select the option that can be used as a one-word substitute for the given group of words.**

Cancel or do away with (a law or agreement)

Ans
✔ 1. Abrogate
✘ 2. Cancellation
✘ 3. Ultimation
✘ 4. Prorogation

Question ID : **26433071927**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the most appropriate option to replace the underlined segment in the given sentence.**
Shyama does not laugh, <u>nor she smiles.</u>

Ans
✘ 1. nor she does smile
✘ 2. she does smile
✔ 3. nor does she smile
✘ 4. nor she smile does

Question ID : **26433084737**
Status : **Answered**
Chosen Option : **3**

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

The _____ weapons which are easily available in the market are a big threat to the security of some nations.

Ans
✘ 1. heated
✔ 2. deadly
✘ 3. casual
✘ 4. valuable

Question ID : **26433073794**
Status : **Answered**
Chosen Option : **2**

Q.19 **Select the correct indirect form of the given sentence. .**
Anita said to the mother, "Your child has been crying since morning."

Ans
✘ 1. Anita told the mother that her child was crying since morning.
✔ 2. Anita told the mother that her child had been crying since morning.
✘ 3. Anita told the mother that her child had been cry since morning.
✘ 4. Anita told the mother that your child had been crying since morning.

Question ID : **264330104606**
Status : **Answered**
Chosen Option : **2**

Q.20 **A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.**
This year, orange prices are forecast to grow, despite an expected increase in global _____ .

Ans
✔ 1. production
✘ 2. organisation
✘ 3. abduction
✘ 4. assumption

Question ID : **264330104760**
Status : **Answered**
Chosen Option : **1**

Comprehension:

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

The saving of certain wild animals from extinction (1)_____ many years been a problem for the zoologists and other specialists; but more recently the problem has become so (2)_____, and has received so much publicity, that most people are now (3)_____ about it. This may at first seem strange because one of the most gratifying developments of the last few years has been the passing of strict laws to protect wild animals and the (4)_____ decline in the hunting of big-game for sport. Why is it then that some rare wild animals are still (5)_____ with extinction and even some of the less rare ones are rapidly declining in number?

SubQuestion No : 21

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

Ans
✔ 1. has for
✘ 2. had for
✘ 3. is for
✘ 4. was of

Question ID : **26433073382**
Status : **Answered**
Chosen Option : **1**

Comprehension:

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

The saving of certain wild animals from extinction (1)_____ many years been a problem for the zoologists and other specialists; but more recently the problem has become so (2)_____, and has received so much publicity, that most people are now (3)_____ about it. This may at first seem strange because one of the most gratifying developments of the last few years has been the passing of strict laws to protect wild animals and the (4)_____ decline in the hunting of big-game for sport. Why is it then that some rare wild animals are still (5)_____ with extinction and even some of the less rare ones are rapidly declining in number?

SubQuestion No : 22

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

Ans
✔ 1. acute
✘ 2. rare
✘ 3. narrow
✘ 4. steep

Question ID : **26433073383**
Status : **Answered**
Chosen Option : **1**

Comprehension:

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

The saving of certain wild animals from extinction (1)_____ many years been a problem for the zoologists and other specialists; but more recently the problem has become so (2)_____, and has received so much publicity, that most people are now (3)_____ about it. This may at first seem strange because one of the most gratifying developments of the last few years has been the passing of strict laws to protect wild animals and the (4)_____ decline in the hunting of big-game for sport. Why is it then that some rare wild animals are still (5)_____ with extinction and even some of the less rare ones are rapidly declining in number?

SubQuestion No : 23

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

Ans

✗ 1. trouble

✗ 2. affect

✗ 3. involved

✓ 4. concerned

Question ID : **26433073384**
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 saving of certain wild animals from extinction (1)_____ many years been a problem for the zoologists and other specialists; but more recently the problem has become so (2)_____, and has received so much publicity, that most people are now (3)_____ about it. This may at first seem strange because one of the most gratifying developments of the last few years has been the passing of strict laws to protect wild animals and the (4)_____ decline in the hunting of big-game for sport. Why is it then that some rare wild animals are still (5)_____ with extinction and even some of the less rare ones are rapidly declining in number?

SubQuestion No : 24

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

Ans

✗ 1. probable

✗ 2. advance

✗ 3. varied

✓ 4. consequent

Question ID : **26433073385**
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 saving of certain wild animals from extinction (1)_____ many years been a problem for the zoologists and other specialists; but more recently the problem has become so (2)_____, and has received so much publicity, that most people are now (3)_____ about it. This may at first seem strange because one of the most gratifying developments of the last few years has been the passing of strict laws to protect wild animals and the (4)_____ decline in the hunting of big-game for sport. Why is it then that some rare wild animals are still (5)_____ with extinction and even some of the less rare ones are rapidly declining in number?

SubQuestion No : 25

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

Ans

✗ 1. danger

✗ 2. frighten

✗ 3. bullied

✓ 4. threatened

Question ID : **26433073386**
Status : **Answered**
Chosen Option : **4**