Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Tatisilwai
Exam Date	05/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **After interchanging the given two numbers and two signs what will be the values of equation (I) and (II) respectively?**
× and ÷, 7 and 9
I. 8 × 3 ÷ 6 + 9 – 7
II. 9 – 7 × 1 + 6 ÷ 3

Ans
✗ 1. 0, 8
✓ 2. 14, 16
✗ 3. 6, 9
✗ 4. 10, 11

Question ID : **264330105154**
Status : **Answered**
Chosen Option : **2**

Q.2 **In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)**

Ans
✗ 1. 12 – 145
✗ 2. 16 – 257
✓ 3. 14 – 193
✗ 4. 10 –101

Question ID : **264330105054**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. GMR
✓ 2. MGB
✗ 3. MBG
✗ 4. GQR

Question ID : **264330104805**
Status : **Answered**
Chosen Option : **2**

Q.4 **By interchanging the given two signs which of the following equation will be correct?**
× and +

Ans

✗ 1. 7 × 8 ÷ 9 + 18 – 11 = 16

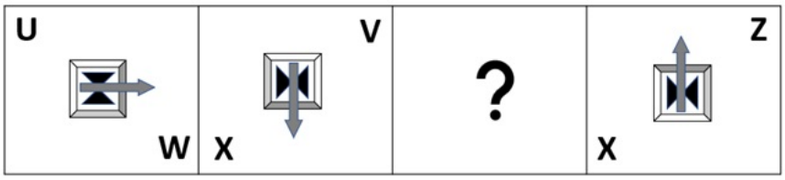
✗ 2. 24 – 8 – 5 × 5 + 3 = 14

✗ 3. 5 × 10 – 15 + 20 ÷ 25 = 8

✓ 4. 24 × 8 + 6 ÷ 3 – 18 = 22

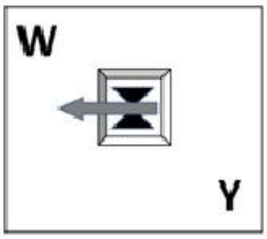
Question ID : **264330105121**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the figure from among the given options that can replace the question mark (?) in the following series.

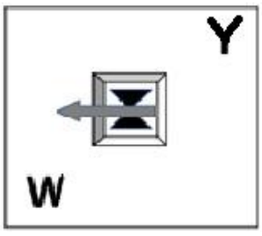


Ans

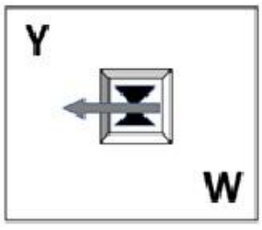
✗ 1.



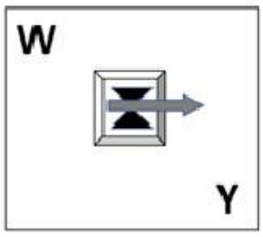
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433057787**
Status : **Answered**
Chosen Option : **3**

Q.6 **After arranging the given words according to dictionary order, which word will come at 'Third' position?**
1. Theory
2. Theorem
3. Theology
4. Theologue
5. Theogonic

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

Question ID : **264330104895**
Status : **Answered**
Chosen Option : **3**

Q.7 **Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).**
Statements:
Some coats are tables.
No table is a mirror.
All golds are tables.
Conclusions:
I. Some coats being golds is a possibility.
II. No gold is a mirror.
III. All tables are golds.
IV. No coat is a mirror.

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

Question ID : **26433070346**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. RVNCUQHSDQ
✗ 2. SXODVPGRCP
✗ 3. RVNCUPGRCP
✓ 4. SXODVQHSDQ

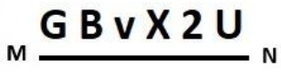
Question ID : **26433067771**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.**
6 : 125 :: 2 : 1 :: 5 : ?

Ans
✗ 1. 81
✓ 2. 64
✗ 3. 68
✗ 4. 72

Question ID : **26433067650**
Status : **Answered**
Chosen Option : **2**

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



Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **26433080795**
Status : **Answered**
Chosen Option : **1**

Q.11 **In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.**
Statements:
I. All P are W.
II. No O is W.
Conclusion:
I. Some O are not P.
II. All W are O.

Ans

✘ 1. Neither conclusion follows

✔ 2. Only conclusion I follows

✘ 3. Only conclusion II follows

✘ 4. Both conclusions I and II follows

Question ID : **264330104922**
Status : **Answered**
Chosen Option : **2**

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

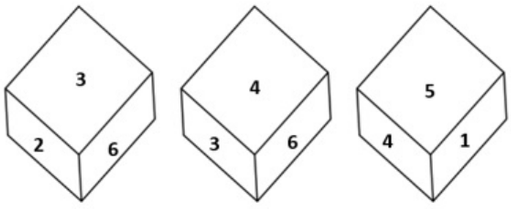


Figure 1 Figure 2 Figure 3

Ans

✔ 1. 4

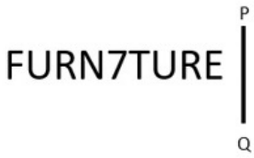
✘ 2. 5

✘ 3. 6

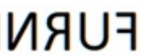
✘ 4. 1

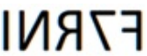
Question ID : **26433081528**
Status : **Answered**
Chosen Option : **1**

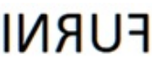
Q.13 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

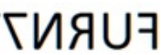


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **26433067827**
Status : **Answered**
Chosen Option : **4**

Q.14 **Which two numbers from amongst the given options should be interchanged to make the given equation correct?**
248 ÷ 4 + 184 ÷ (4 × 6 – 2 × 8) = 77

Ans

✗ 1. 8 and 4

✗ 2. 184 and 77

✓ 3. 184 and 248

✗ 4. 4 and 6

Question ID : **26433067699**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1. Mother's father

✗ 2. Brother

✓ 3. Father's father

✗ 4. Father

Question ID : **26433068152**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1. 16231512

✗ 2. 16241612

✓ 3. 16231612

✗ 4. 16231611

Question ID : **26433067344**
Status : **Answered**
Chosen Option : **3**

Q.17 **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**
First row - 15, 11, 43
Second row - 13, 8, 48
Third row - 9, 7, ?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

Ans

✔ 1. 23

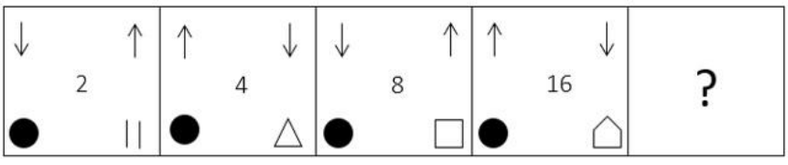
✘ 2. 30

✘ 3. 27

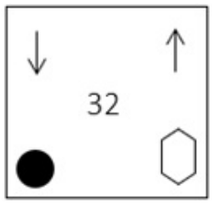
✘ 4. 28

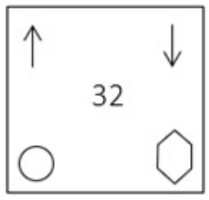
Question ID : **26433069204**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

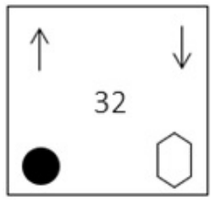
Q.18 Select the figure from among the given options that can replace the question mark (?) in the following series.

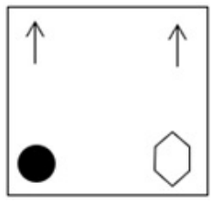


Ans

✔ 1.


✘ 2.


✘ 3.


✘ 4.


Question ID : **26433085387**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the set in which the numbers are related in the same way as are the numbers of the following set.**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)
(5, 41, 4)
(2, 68, 8)

Ans
✔ 1. (6, 100, 8)
✘ 2. (5, 18, 4)
✘ 3. (5, 100, 4)
✘ 4. (4, 49, 3)

Question ID : **26433069242**
Status : **Answered**
Chosen Option : **1**

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

Ans
✘ 1. Pup
✔ 2. Fawn
✘ 3. Cub
✘ 4. Foal

Question ID : **26433068353**
Status : **Answered**
Chosen Option : **2**

Q.21 **Which of the following numbers will replace the question mark (?) in the given series?**
97, 131, 165, 199, 233, ?

Ans
✘ 1. 260
✘ 2. 273
✘ 3. 251
✔ 4. 267

Question ID : **26433067866**
Status : **Answered**
Chosen Option : **4**

Q.22 **If K ÷ L means that K is the mother of L, K – L means that K is the father of L, K × L means that K is the sister of L, then which of the following expression shows that P is the paternal grandmother of R?**

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

Question ID : **264330104967**
Status : **Answered**
Chosen Option : **3**

Q.23 **Which of the following letter-clusters will replace the question mark (?) in the given series?**
HFK, KHM, ?, QLQ, TNS

Ans
✔ 1. NJO
✘ 2. OKN
✘ 3. MJN
✘ 4. MKP

Question ID : **26433057989**
Status : **Answered**
Chosen Option : **1**

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

Ans
✘ 1. YNUF
✘ 2. CRYB
✔ 3. ATRE
✘ 4. DSZA

Question ID : **26433081497**
Status : **Answered**
Chosen Option : **3**

Q.25 **Select the option that is related to the third word in the same way as the second word is related to the first word.**
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Rice : Grain :: Lentils : ?

Ans
✔ 1. Pulses
✘ 2. Sprouts
✘ 3. Cereal
✘ 4. Starch

Question ID : **26433056810**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

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

Ans
✘ 1. Margashirsha
✘ 2. Vaishaka
✔ 3. Chaitra
✘ 4. Shravan

Question ID : **26433070821**
Status : **Marked For Review**
Chosen Option : **2**

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

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

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

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

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

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

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

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

Question ID : **26433064831**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. Waialeal
✗ 2. Mumbai
✓ 3. Mawsynram
✗ 4. Singapore

Question ID : **26433066644**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. Andhra Pradesh
✓ 2. Gujarat
✗ 3. Uttar Pradesh
✗ 4. Assam

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

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

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

Question ID : **264330105556**
Status : **Answered**
Chosen Option : **1**

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

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

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

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

Ans
✘ 1. Birha
✘ 2. Ghoomar
✘ 3. Kalbelia
✔ 4. Rangabati

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

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

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

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

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

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

Question ID : **264330105261**
Status : **Answered**
Chosen Option : **1**

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

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

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

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

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

Question ID : **264330105325**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. Coeliea
✗ 2. Acoelomea
✗ 3. Ectinoglea
✓ 4. Mesoglea

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

Q.15 **Developing place of settlement is called _____ .**

Ans
✗ 1. Home
✓ 2. Site
✗ 3. Plain
✗ 4. Shelter

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

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

Ans
✓ 1. Crosion
✗ 2. Landslide
✗ 3. Earthquake
✗ 4. Volcano

Question ID : **264330105644**
Status : **Answered**
Chosen Option : **1**

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

Ans
✗ 1. 2
✗ 2. 1
✗ 3. 4
✓ 4. 3

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

Q.18 The first match of IPL 2022 was played in_____.

Ans
✗ 1. Bengaluru
✓ 2. Mumbai
✗ 3. Kolkata
✗ 4. Lucknow

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

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

Ans
✗ 1. 5 million hectares
✗ 2. 3 million hectares
✗ 3. 4 million hectares
✓ 4. 2 million hectares

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

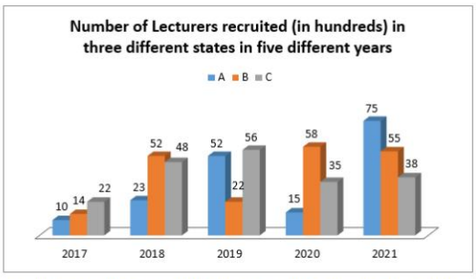
Q.25 Identify an example of diploblastic animals.

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

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

Section : **Quantitative Aptitude**

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



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

Ans

✗ 1. 42.50%

✗ 2. 36.25%

✓ 3. 45.45%

✗ 4. 56.23%

Question ID : **26433081482**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1. 2

✗ 2. 0

✗ 3. –1

✓ 4. 1

Question ID : **26433063831**
Status : **Answered**
Chosen Option : **4**

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

Ans

✓ 1. 24.44%

✗ 2. 25.37%

✗ 3. 22.00%

✗ 4. 23.22%

Question ID : **26433075548**
Status : **Answered**
Chosen Option : **1**

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

Ans

✗ 1. 16 cm

✗ 2. 14 cm

✓ 3. 10 cm

✗ 4. 12 cm

Question ID : **26433075282**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. 212
✗ 2. 216
✓ 3. 180
✗ 4. 196

Question ID : **26433076426**
Status : **Answered**
Chosen Option : **1**

Q.6 $\sqrt{\frac{1+\sin A}{1-\sin A}}=$ _____.

Ans
✗ 1. coescA - cotA
✗ 2. secA - tanA
✓ 3. secA + tanA
✗ 4. secA

Question ID : **26433066398**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. 175m
✗ 2. 350m
✓ 3. 250m
✗ 4. 150m

Question ID : **26433091939**
Status : **Answered**
Chosen Option : **3**

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

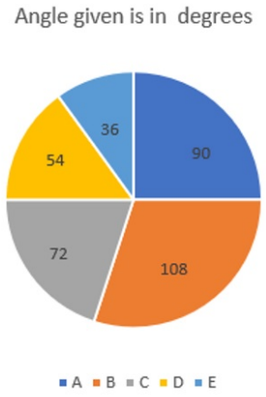
	Earnings	
Days	P	Q
Monday	105	150
Tuesday	96	110
Wednesday	65	122
Thursday	115	106
Friday	130	68

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

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

Question ID : **264330105754**
Status : **Answered**
Chosen Option : **1**

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



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

Ans

✗ 1. ₹190 crores

✗ 2. ₹85 crores

✗ 3. ₹96 crores

✓ 4. ₹140 crores

Question ID : **26433095014**
Status : **Answered**
Chosen Option : **4**

Q.10 **If ∆ABC ~ ∆DEF, and BC = 4 cm, EF = 5 cm and the area of triangle ABC = 80 cm^2, then the area of the triangle DEF is:**

Ans

✗ 1. 169 cm^2

✗ 2. 80 cm^2

✗ 3. 144 cm^2

✓ 4. 125 cm^2

Question ID : **26433075901**
Status : **Answered**
Chosen Option : **4**

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

Ans

✗ 1. 4%

✓ 2. 2%

✗ 3. 1%

✗ 4. 3%

Question ID : **26433082614**
Status : **Answered**
Chosen Option : **2**

Q.12 If $8\cot\theta = 6$, then the value of $\frac{\sin\theta+\cos\theta}{\sin\theta-\cos\theta}$ is:

Ans

✗ 1. 12

✓ 2. 7

✗ 3. 2

✗ 4. 5

Question ID : **26433062673**
Status : **Answered**
Chosen Option : **2**

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

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

Ans

✗ 1. 23.14%

✗ 2. 30%

✗ 3. 22%

✓ 4. 20%

Question ID : **26433082520**
Status : **Answered**
Chosen Option : **4**

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

Ans

✗ 1. $509\ cm^2$

✓ 2. $504\ cm^2$

✗ 3. $516\ cm^2$

✗ 4. $512\ cm^2$

Question ID : **26433065027**
Status : **Answered**
Chosen Option : **2**

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

Ans
✗ 1. $\frac{12}{5}$

✗ 2. $\frac{13}{5}$

✗ 3. $\frac{5}{13}$

✓ 4. $\frac{12}{13}$

Question ID : **26433066400**
Status : **Answered**
Chosen Option : **4**

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

Ans
✗ 1. 218

✗ 2. 215

✗ 3. 220

✓ 4. 216

Question ID : **26433075111**
Status : **Answered**
Chosen Option : **4**

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

Ans
✗ 1. 2

✗ 2. 1

✓ 3. 4

✗ 4. 3

Question ID : **26433075845**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. 32%

✗ 2. 75%

✗ 3. 52%

✓ 4. 72%

Question ID : **26433076049**
Status : **Answered**
Chosen Option : **4**

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

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

Question ID : **26433065265**
Status : **Answered**
Chosen Option : **2**

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

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

Question ID : **26433065271**
Status : **Answered**
Chosen Option : **1**

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

Ans
✓ 1. 5 cm
✗ 2. 2 cm
✗ 3. 7 cm
✗ 4. 4 cm

Question ID : **26433074479**
Status : **Answered**
Chosen Option : **1**

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

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

Question ID : **26433063873**
Status : **Answered**
Chosen Option : **1**

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

Ans

✗ 1. 50,000

✗ 2. 54,750

✓ 3. 62,500

✗ 4. 50,500

Question ID : **26433074333**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1. 6

✗ 2. 7

✓ 3. 8

✗ 4. 9

Question ID : **26433075461**
Status : **Answered**
Chosen Option : **3**

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

Ans

✓ 1. 24 + 8p cm

✗ 2. 24p + 16 cm

✗ 3. 32 + 16p cm

✗ 4. 24 + 18p cm

Question ID : **264330105864**
Status : **Answered**
Chosen Option : **1**

Section : **English Comprehension**

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

Ans

✗ 1. A scholarship had been conferred to Kailash by the department.

✗ 2. A scholarship is being conferred to Kailash by the department.

✓ 3. A scholarship was conferred to Kailash by the department.

✗ 4. A scholarship has been conferred in Kailash by the department.

Question ID : **264330104571**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1. Madhurima explained that she were planning to quit her graduation.

✗ 2. Madhurima explained that she planned to quit her graduation.

✓ 3. Madhurima explained that she was planning to quit her graduation.

✗ 4. Madhurima explained that she had been planning to quit her graduation.

Question ID : **264330104620**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the INCORRECTLY spelt word.**

Ans
✔ 1. Dimolish
✘ 2. Conduct
✘ 3. Biopic
✘ 4. Handful

Question ID : **26433063138**
Status : **Answered**
Chosen Option : **1**

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

The Government <u>ruthlessly</u> decided to force its citizens to pay taxes even during famine.

Ans
✔ 1. Leniently
✘ 2. Indifferently
✘ 3. Unscrupulously
✘ 4. Tyrannically

Question ID : **26433070526**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Mother ordered John <u>to switch on the light</u> as it was time to sleep.

Ans
✘ 1. to switch of the light
✘ 2. to switch in the light
✔ 3. to switch off the light
✘ 4. to switch out the light

Question ID : **26433084639**
Status : **Answered**
Chosen Option : **3**

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

Cease

Ans
✘ 1. Origin
✘ 2. Halt
✘ 3. Produce
✔ 4. Begin

Question ID : **26433060593**
Status : **Answered**
Chosen Option : **4**

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

There are no tables at the classroom.

Ans

✗ 1. There are no tables at the classroom.

✗ 2. There are no tables at the classroom.

✗ 3. There are no tables at the classroom.

✓ 4. There are no tables at the classroom.

Question ID : **26433088585**
Status : **Answered**
Chosen Option : **4**

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

In hot waters

Ans

✓ 1. To be in trouble

✗ 2. To dip in hot water

✗ 3. To be in a hot climate

✗ 4. To feel relaxed

Question ID : **26433072218**
Status : **Answered**
Chosen Option : **1**

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

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

Ans

✗ 1. rake a right choice

✓ 2. make a right choice

✗ 3. fix a right choice

✗ 4. take the right choice

Question ID : **26433074007**
Status : **Answered**
Chosen Option : **2**

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

No plausible explanation could be found for her disappearance.

Ans

✗ 1. Just

✗ 2. Legal

✓ 3. Credible

✗ 4. Useless

Question ID : **26433060589**
Status : **Answered**
Chosen Option : **3**

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

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

Ans

✗ 1. Pull out all the stops

✗ 2. Run around in circles

✓ 3. Quicken the pulse

✗ 4. Reach for the moon

Question ID : **26433070448**
Status : **Answered**
Chosen Option : **3**

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

An excessively intense desire for returning to past or lost conditions

Ans

✗ 1. Affection

✗ 2. Glitterati

✓ 3. Nostalgia

✗ 4. Paranoia

Question ID : **26433073456**
Status : **Answered**
Chosen Option : **3**

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

The act of killing one's mother

Ans

✗ 1. Regicide

✗ 2. Homicide

✗ 3. Uxoricide

✓ 4. Matricide

Question ID : **26433071766**
Status : **Answered**
Chosen Option : **4**

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

Ans

✓ 1. You will not play this game.

✗ 2. You will not be playing this game.

✗ 3. You could not play this game.

✗ 4. You had not play this game.

Question ID : **264330104576**
Status : **Answered**
Chosen Option : **1**

Q.15 **Rearrange the parts of the sentence in correct order.**
We are encouraged
P. help accelerate their return to
Q. by how women are embracing online
R. work and promote economic mobility
S. learning to develop new skills that can

Ans
✔ 1. QSPR
✘ 2. PSQR
✘ 3. PRQS
✘ 4. SPRQ

Question ID : **264330104651**
Status : **Answered**
Chosen Option : **1**

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

Wrathful

Ans
✘ 1. Pleased
✘ 2. Amiable
✔ 3. Furious
✘ 4. Cordial

Question ID : **26433071875**
Status : **Answered**
Chosen Option : **3**

Q.17 **Select the INCORRECTLY spelt word in the following sentence.**
Ratan is such an efficient sergeant that he doesn't need to imbibe any artillery craftmanship.

Ans
✘ 1. artillery
✘ 2. efficient
✔ 3. craftmanship
✘ 4. sergeant

Question ID : **26433066421**
Status : **Marked For Review**
Chosen Option : **4**

Q.18 **Select the most appropriate option to substitute the underlined segment in the given sentence.**
Biden <u>write a letter</u> to the Russian President to restrain from war.

Ans
✘ 1. writes a letter
✔ 2. wrote a letter
✘ 3. write a good letter
✘ 4. writing a surprise letter

Question ID : **26433085583**
Status : **Answered**
Chosen Option : **2**

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

Ans

✗ 1. We have been playing for 4 o'clock.

✗ 2. We have been playing from 4 o'clock.

✗ 3. We have been playing to 4 o'clock.

✓ 4. We have been playing since 4 o'clock.

Question ID : **26433073895**
Status : **Answered**
Chosen Option : **4**

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

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

Ans

✗ 1. product

✗ 2. chance

✓ 3. subject

✗ 4. pride

Question ID : **26433089029**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

SubQuestion No : 21

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

Ans

✗ 1. included

✗ 2. chased

✓ 3. guided

✗ 4. challenged

Question ID : **26433086398**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

SubQuestion No : 22

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

Ans

✗ 1. machines

✓ 2. humans

✗ 3. agents

✗ 4. toys

Question ID : **26433086399**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

SubQuestion No : 23

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

Ans

✗ 1. beauty

✗ 2. pattern

✗ 3. enjoyment

✓ 4. environments

Question ID : **26433086400**
Status : **Answered**
Chosen Option : **4**

Comprehension:

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

SubQuestion No : 24

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

Ans

✗ 1. network

✓ 2. housework

✗ 3. software

✗ 4. handwork

Question ID : **26433086401**
Status : **Marked For Review**
Chosen Option : **2**

Comprehension:

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

SubQuestion No : 25

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

Ans

✓ 1. unemployment

✗ 2. peace

✗ 3. social issues

✗ 4. corruption

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