Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Bopal
Exam Date	03/12/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **What should come in place of the question mark (?) to complete the following letter cluster series?**
FHG, IKJ, LNM, ?

Ans

✗ 1. QOP

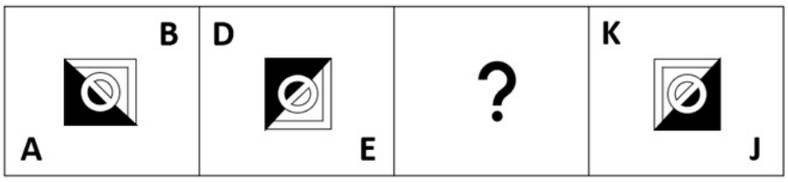
✗ 2. OPQ

✓ 3. OQP

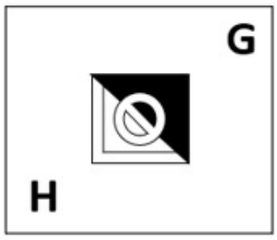
✗ 4. PRQ

Question ID : **26433066002**
Status : **Answered**
Chosen Option : **3**

Q.2 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 : **26433057791**
Status : **Answered**
Chosen Option : **1**

Q.3 **After arranging the given words according to dictionary order, which word will come at 'Fifth' position?**
1. Version
2. Versus
3. Versicolour
4. Verse
5. Verso

Ans
1. Verso
2. Versus
3. Version
4. Verse

Question ID : **264330104900**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
23 * 2 * 2 * 5 * 18

Ans

✔ 1. −, ÷, ×, =

✘ 2. −, ÷, +, =

✘ 3. −, ÷, =, +

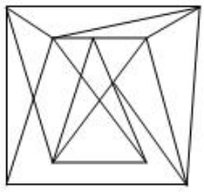
✘ 4. −, ×, ÷, =

Question ID : **26433068563**
Status : **Answered**
Chosen Option : **1**

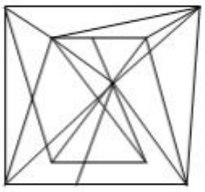
Q.5 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

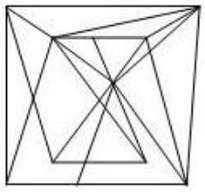
✔ 1.



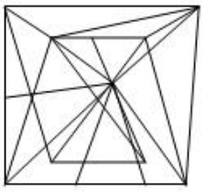
✘ 2.



✘ 3.



✘ 4.



Question ID : **26433068300**
Status : **Answered**
Chosen Option : **1**

Q.6 **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.**
EACH : AEHC :: GAME : AGEM :: IDOL : ?

Ans
✗ 1. OLDI
✓ 2. DILO
✗ 3. IDLO
✗ 4. DIOL

Question ID : **26433068507**
Status : **Answered**
Chosen Option : **2**

Q.7 **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. ANHS
✗ 2. JEQJ
✓ 3. JPRT
✗ 4. PYWD

Question ID : **26433081503**
Status : **Answered**
Chosen Option : **3**

Q.8 **By interchanging the given two signs and numbers which of the following equation will be correct?**
× and +, 6 and 4

Ans
✗ 1. 3 × 9 – 4 ÷ 2 + 6 = 8
✗ 2. 8 × 6 + 4 ÷ 2 – 5 = –5
✗ 3. 8 – 3 × 6 + 4 ÷ 1 = 18
✓ 4. 7 × 6 – 4 + 9 ÷ 3 = –7

Question ID : **264330105138**
Status : **Answered**
Chosen Option : **4**

Q.9 **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.)
(26, 120, 34)
(14, 110, 41)

Ans
✓ 1. (36, 106, 17)
✗ 2. (72, 240, 16)
✗ 3. (44, 114, 24)
✗ 4. (15, 450, 8)

Question ID : **26433068385**
Status : **Answered**
Chosen Option : **1**

Q.10 **In a certain code language, 'LAPTOP' is written as 'JYNRMN' and 'COLD' is written as 'AMJB', how will 'SKETCHPEN' be written in that language?**

Ans

✗ 1. RJDSBHODM

✗ 2. QICRBHODM

✓ 3. QICRAFNCL

✗ 4. RJDSAFNCL

Question ID : **26433067768**
Status : **Answered**
Chosen Option : **3**

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 pencil are pen.
II. Some pen are rubber.
Conclusion:
I. All rubber are pencil.
II. Some pen are not pencil.
III. Some rubber are not pen.

Ans

✓ 1. Neither conclusion follows

✗ 2. Only conclusion II follows

✗ 3. Both conclusions I and III follows

✗ 4. All conclusion follows

Question ID : **264330104933**
Status : **Answered**
Chosen Option : **1**

Q.12 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.

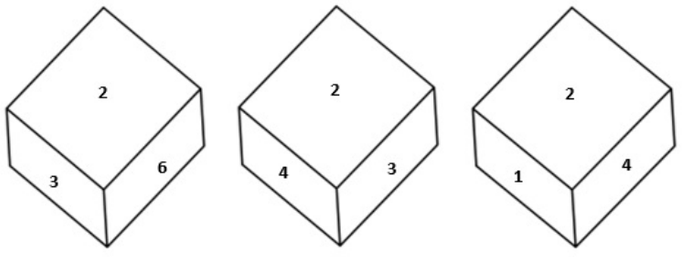


Figure 1 **Figure 2** **Figure 3**

Ans

✗ 1. 5

✗ 2. 2

✓ 3. 1

✗ 4. 6

Question ID : **26433079373**
Status : **Answered**
Chosen Option : **3**

Q.13 **Which number will replace the question mark (?) in the following series?**
26, 54, 110, 222, ?, 894

Ans
✔ 1. 446
✘ 2. 442
✘ 3. 440
✘ 4. 444

Question ID : **26433067592**
Status : **Answered**
Chosen Option : **1**

Q.14 **If X – Y means that X is the mother of Y, X × Y means that X is the father of Y, X ÷ Y means that X is the sister of Y, then which of the following expression shows that Q is the son of P?**

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

Question ID : **264330104973**
Status : **Answered**
Chosen Option : **2**

Q.15 **A # B means 'A is the brother of B'**
A @ B means 'A is the daughter of B'
A & B means 'A is the husband of B'
A % B means 'A is the wife of B'
If G % M # L @ P & C @ B, then how is L related to B?

Ans
✘ 1. Daughter
✔ 2. Granddaughter
✘ 3. Sister
✘ 4. Daughter-in-law

Question ID : **26433065958**
Status : **Answered**
Chosen Option : **2**

Q.16 **In a certain code language, 'INNER' is written as 'SNNWJ' and 'GLASS' is written as 'UPAII'. How will 'MODEL' be written in that language?**

Ans
✘ 1. OMXVP
✔ 2. OMXWP
✘ 3. OMWWP
✘ 4. OMXWO

Question ID : **26433067327**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.**
30 : 48 :: 60 : ? :: 45 : 72

Ans
✔ 1. 96
✘ 2. 92
✘ 3. 90
✘ 4. 88

Question ID : **26433067899**
Status : **Marked For Review**
Chosen Option : **1**

Q.18 **उस शब्द-युग्म का चयन कीजिए, जो ठीक उसी संबंध का निरूपण करता हो, जो संबंध दिए गए इस शब्द-युग्म में अभिव्यक्त है।**
(शब्दों को अर्थपूर्ण शब्दों के रूप में माना जाना चाहिए और उन्हें शब्द के अक्षरों की संख्या/व्यंजनों की संख्या/स्वरों की संख्या के आधार पर परस्पर संबंधित नहीं होना चाहिए)
अधिग्रहित : प्राप्त

Ans
✘ 1. कड़वा : मीठा
✘ 2. एकत्रित : वितरित
✘ 3. आगमन : प्रस्थान
✔ 4. लघु : छोटा

Question ID : **26433068418**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the odd group of numbers. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)**

Ans
✘ 1. 13 – 159
✘ 2. 9 – 71
✔ 3. 5 – 31
✘ 4. 17 – 279

Question ID : **264330105087**
Status : **Answered**
Chosen Option : **3**

Q.20 **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)
(8, 12, 6)
(9, 18, 8)

Ans
✘ 1. (4, 12, 6)
✔ 2. (12, 24, 8)
✘ 3. (7, 24, 4)
✘ 4. (9, 10, 11)

Question ID : **26433079119**
Status : **Answered**
Chosen Option : **2**

Q.21 **Which of the following interchange of numbers and mathematical signs would make the given equation correct?**
72 ÷ 8 × 9 − 36 + 20 = 80

Ans

✗ 1. 20 and 80, × and +

✗ 2. 9 and 36, × and ÷

✗ 3. 36 and 72, ÷ and −

✓ 4. 8 and 9, + and −

Question ID : **26433087056**
Status : **Answered**
Chosen Option : **4**

Q.22 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
TQT, ZSB, FUJ, LWR, ?

Ans

✓ 1. RYZ

✗ 2. RMZ

✗ 3. RYA

✗ 4. RNZ

Question ID : **264330104803**
Status : **Answered**
Chosen Option : **1**

Q.23 **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:
No student is a teacher.
All students are children.
Some girls are students.
Conclusions:
I. Some children are not teachers.
II. Some girls are not teachers.
III. No girl is a teacher.

Ans

✓ 1. Only conclusions I and II follow

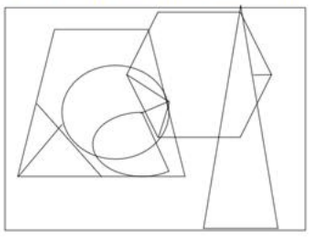
✗ 2. All conclusions follow

✗ 3. Only conclusions II and III follow

✗ 4. Only conclusions I and III follow

Question ID : **26433068829**
Status : **Answered**
Chosen Option : **1**

Q.24 Select the option figure that is embedded in the given figure. (Rotation is not allowed).



Ans

✗ 1.

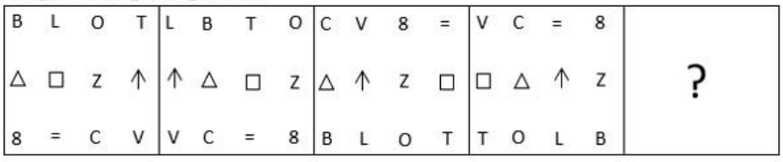
✗ 2.

✓ 3.

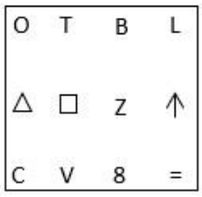
✗ 4.

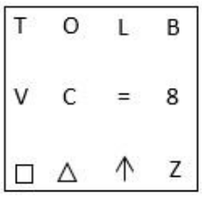
Question ID : **26433068851**
Status : **Answered**
Chosen Option : **3**

Q.25 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

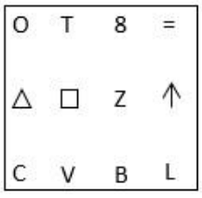


Ans

✔ 1.


✘ 2.


✘ 3.

✘ 4.


Question ID : **26433085802**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 **How many types of taxes were in the reign of the ruler Alauddin Khalji?**

Ans

✔ 1. 3

✘ 2. 5

✘ 3. 6

✘ 4. 2

Question ID : **264330105428**
Status : **Answered**
Chosen Option : **2**

Q.2 **The bare ground between plants is covered with a layer of organic matter in order to retain soil moisture. This method is called _____.**

Ans

✔ 1. Mulching

✘ 2. Rock dam

✘ 3. Shelter belts

✘ 4. Contour barriers

Question ID : **264330105610**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **In which of the following years was the Fit India Movement launched by Ministry of Youth Affairs and Sports, GoI?**

Ans

✘ 1. 2018

✘ 2. 2001

✘ 3. 2020

✔ 4. 2019

Question ID : **26433059382**
Status : **Answered**
Chosen Option : **3**

Q.4 **Husk of a coconut is made of _____ tissue.**

Ans

✘ 1. Collenchyma

✘ 2. Xylem

✔ 3. Scherenchyma

✘ 4. Parenchyma

Question ID : **264330105455**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Which of the following options is NOT correct about plant cells?**

Ans

✘ 1. Cell wall of a plant cell is made up of cellulose.

✔ 2. The plant cells cannot divide by mitosis.

✘ 3. A plant cell usually contains a large vacuole.

✘ 4. Generally, all plant cells contain chloroplast.

Question ID : **26433071442**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **The Government of India started DACE scheme in April 2022. This scheme was launched under which of the following ministries?**

Ans

✔ 1. Ministry of Social Justice and Empowerment

✘ 2. Ministry of Corporate Affairs

✘ 3. Ministry of Rural Development

✘ 4. Ministry of Education

Question ID : **264330105299**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Whose birthday is celebrated as International Day of Non-Violence?**

Ans
✗ 1. Rajendra Prasad
✗ 2. Subhash Chandra Bose
✗ 3. Jawaharlal Nehru
✓ 4. Mahatma Gandhi

Question ID : **26433074083**
Status : **Answered**
Chosen Option : **4**

Q.8 **निम्नलिखित में से किस भारतीय स्वतंत्रता सेनानी ने कहा था कि "खुद वो बदलाव बनिए जो आप दुनिया में देखना चाहते हैं"?**

Ans
✗ 1. बिपिन चंद्र पाल
✗ 2. मोहम्मद अली जिन्ना
✗ 3. सुरेंद्रनाथ बनर्जी
✓ 4. महात्मा गांधी

Question ID : **26433085295**
Status : **Answered**
Chosen Option : **3**

Q.9 **In which year was Kalidas Samman established?**

Ans
✗ 1. 1978
✗ 2. 1975
✗ 3. 1984
✓ 4. 1980

Question ID : **26433082151**
Status : **Answered**
Chosen Option : **3**

Q.10 **Who among the following has won Oscars as well as a Golden Globe award for his contribution to international music?**

Ans
✗ 1. Pt. Jasraj
✓ 2. A.R.Rahman
✗ 3. Ravi Shankar
✗ 4. Zakir Hussain

Question ID : **26433064784**
Status : **Answered**
Chosen Option : **2**

Q.11 **Asia is separated from Europe by _____ mountains.**

Ans
✗ 1. Himalayan
✗ 2. Andes Mountains
✗ 3. Alps
✓ 4. Ural

Question ID : **264330105619**
Status : **Answered**
Chosen Option : **4**

Q.12 Which of the following states have the highest literacy rate, according to census 2011?

Ans
1. Lakshadweep
2. Goa
3. Mizoram
4. Kerala

Question ID : **264330105512**
Status : **Answered**
Chosen Option : **4**

Q.13 The system based on individual leadership is a _____ system.

Ans
1. semi-parliamentary
2. parliamentary
3. presidential
4. semi-presidential

Question ID : **26433064837**
Status : **Answered**
Chosen Option : **3**

Q.14 Which of the following rivers is NOT included in the 'Panchnad'?

Ans
1. The Beas
2. The Sutlej
3. The Indus
4. The Ravi

Question ID : **26433066513**
Status : **Not Answered**
Chosen Option : **--**

Q.15 The final of the French Open (Roland Garros) Tennis 2021 for men took place on which day?

Ans
1. 13 June
2. 30 July
3. 13 July
4. 5 June

Question ID : **26433070837**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Union Minister of Petroleum & Natural Gas Hardeep Singh Puri inaugurated Asia's largest Compressed Bio Gas (CBG) plant in _____.

Ans
1. Gujarat
2. Rajasthan
3. Punjab
4. Maharashtra

Question ID : **264330105253**
Status : **Answered**
Chosen Option : **2**

Q.17 **Identify the correct statement with respect to unsaturated hydrocarbons.**

Ans

✗ 1. Compounds of carbon having a single bond between their carbon atoms are called unsaturated compounds.

✓ 2. Compounds of carbon having double bonds or triple bonds between their carbon atoms are called unsaturated compounds.

✗ 3. Compounds of carbon having single bonds between their oxygen atoms are called unsaturated compounds.

✗ 4. Compounds of carbon having double or triple bonds between their hydrogen atoms are called unsaturated compounds.

Question ID : **26433086741**
Status : **Answered**
Chosen Option : **1**

Q.18 **Some important administrative posts were hereditary during the Rashtrakuta and Chola dynasties. The post 'nagara-shreshthi' meant?**

Ans

✗ 1. Leader of the merchant caravans

✓ 2. Merchant of the city

✗ 3. Important minister

✗ 4. Chief judicial officer

Question ID : **264330105199**
Status : **Answered**
Chosen Option : **2**

Q.19 **Which of the following is added in the national income to obtain personal income of the households?**

Ans

✗ 1. Net interest payments

✓ 2. Transfer payments from government and firms

✗ 3. Undistributed profits

✗ 4. Corporate tax

Question ID : **264330105363**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Who conducted X-ray spectroscopic study of a large number of elements and showed that the frequency of X-rays emitted by an element is related to the atomic number, Z, rather than the atomic mass?**

Ans

✗ 1. Lothar Meyer

✗ 2. Dmitri Mendeleev

✓ 3. Henry Moseley

✗ 4. Johann Dobereiner

Question ID : **26433064082**
Status : **Answered**
Chosen Option : **3**

Q.21 **Which Five-Year Plan in India was mainly focussed on Garibi Hatao, creation of employment opportunities and agricultural production amongst other objectives?**

Ans

✓ 1. Fifth

✗ 2. Fourth

✗ 3. Third

✗ 4. Second

Question ID : **26433064511**
Status : **Answered**
Chosen Option : **4**

Q.22 लोकतंत्र के दो सबसे आवश्यक अधिकार कौन-से हैं?

Ans
✗ 1. शोषण, निवारक निरोध
✓ 2. समानता, स्वतंत्रता
✗ 3. स्वतंत्रता, निवारक निरोध
✗ 4. समानता, शोषण

Question ID : **26433064827**
Status : **Answered**
Chosen Option : **2**

Q.23 In March 2022, the "Stree Manoraksha project" was launched by which of the following Union Minister?

Ans
✗ 1. Union Minister for Education
✓ 2. Union Minister for Women and Child Development
✗ 3. Union Minister for Law and Justice
✗ 4. Union Minister for Health and Family Welfare

Question ID : **264330105308**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Jata-Jatin is the folk dance of which Indian state?

Ans
✗ 1. Manipur
✗ 2. Odisha
✓ 3. Bihar
✗ 4. West Bengal

Question ID : **26433054319**
Status : **Answered**
Chosen Option : **1**

Q.25 Mughal ruler, Aurangzeb died in which year?

Ans
✗ 1. 1703
✗ 2. 1705
✓ 3. 1707
✗ 4. 1701

Question ID : **264330105545**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 In an equilateral triangle ABC, D is the midpoint of side BC. If the length of BC is 8 cm, then the height of the triangle is:

Ans
✗ 1. 5.5 cm
✗ 2. 4.5 cm
✗ 3. $6\sqrt{3}$ cm
✓ 4. $4\sqrt{3}$ cm

Question ID : **26433079978**
Status : **Answered**
Chosen Option : **4**

Q.2 **A thief steals a bike at 12:30p.m. and drives it at 48km/h. But the theft is discovered after half an hour. The bike owner starts to chase him on another bike at 58km/h. The thief will be caught at _____.**

Ans
✗ 1. 3:40p.m.
✗ 2. 3:54p.m.
✗ 3. 3:10p.m.
✓ 4. 3:24p.m.

Question ID : **26433091936**
Status : **Answered**
Chosen Option : **4**

Q.3 **If Δ ABC~Δ FDE such that AB = 9 cm, AC = 11 cm, DF = 16 cm and DE = 12 cm, then the length of BC is:**

Ans
✗ 1. $5\frac{3}{4}$ cm
✗ 2. $4\frac{3}{5}$ cm
✗ 3. $3\frac{5}{7}$ cm
✓ 4. $6\frac{3}{4}$ cm

Question ID : **26433080231**
Status : **Answered**
Chosen Option : **4**

Q.4 **The radii of two cylinders are in the ratio 1 : 4 and their heights are in the ratio 4 : 3. Their volumes will be in the ratio _____.**

Ans
✓ 1. 1 : 12
✗ 2. 2 : 9
✗ 3. 3 : 10
✗ 4. 1 : 9

Question ID : **26433063975**
Status : **Answered**
Chosen Option : **1**

Q.5 $\text{If } x + \frac{1}{x} = 2\cos\theta, \text{then } x^3 + \frac{1}{x^3} = ?$

Ans
✗ 1. 2 cos 2θ
✗ 2. cos 3θ
✓ 3. 2 cos 3θ
✗ 4. cos 2θ

Question ID : **26433058938**
Status : **Answered**
Chosen Option : **3**

Q.6 **A and B can do a certain work in 6 hours, and A, B and C together take 4 hours to do the same. How long will it take for C alone to accomplish the task?**

Ans

✔ 1. 12 hours

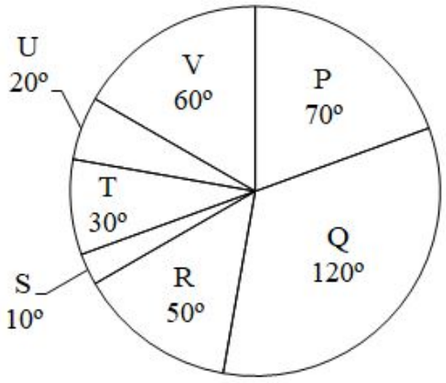
✗ 2. 4 hours

✗ 3. 2 hours

✗ 4. 6 hours

Question ID : **26433076015**
Status : **Answered**
Chosen Option : **1**

Q.7 **The pie chart given below shows the expenditure incurred by a person on 7 articles. The total expenditure of all these 7 articles are 3600. Expenditure incurred on a particular article is shown in terms of degree with respect to the total expenditure incurred in all these 7 articles.**



What is the average expenditure incurred on article P and Q?

Ans

✗ 1. 875

✗ 2. 905

✗ 3. 885

✔ 4. 950

Question ID : **264330105765**
Status : **Answered**
Chosen Option : **4**

Q.8 $\sin^4\theta + \cos^4\theta$ in terms of $\sin\theta$ can be written as:

Ans

✗ 1. $2\sin^4\theta + 2\sin^2\theta - 1$

✗ 2. $2\sin^4\theta - 2\sin^2\theta$

✗ 3. $2\sin^4\theta - 2\sin^2\theta - 1$

✔ 4. $2\sin^4\theta - 2\sin^2\theta + 1$

Question ID : **26433075285**
Status : **Answered**
Chosen Option : **4**

Q.9 **Three circles of radius 6 cm are kept touching each other. The string is tightly tied around these three circles. What is the length of the string?**

Ans

✔ 1. 36 + 12p cm

✘ 2. 36 + 18p cm

✘ 3. 24 + 36p cm

✘ 4. 36 + 20p cm

Question ID : **264330105863**
Status : **Answered**
Chosen Option : **1**

Q.10

If $x = 3 + 2\sqrt{2},\ x > 0,$ then the value of $\sqrt{x} - \frac{1}{\sqrt{x}}$ is:

Ans

✘ 1. 1

✘ 2. $\sqrt{2}$

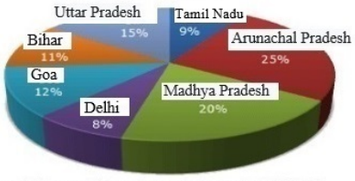
✔ 3. 2

✘ 4. $2\sqrt{2}$

Question ID : **26433075843**
Status : **Answered**
Chosen Option : **3**

Q.11 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

If in the year 1998, there was an increase of 20% in the population of Goa and 10% in the population of Arunachal Pradesh compared to the previous year, then what was the ratio of populations of Goa and Arunachal Pradesh in 1997?

Ans

✘ 1. 7 : 11

✔ 2. 11 : 25

✘ 3. 4 : 5

✘ 4. 25 : 11

Question ID : **26433086280**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Suman paid ₹9,600 in interest on a loan she obtained 5 years ago with a simple interest rate of 16%. What was the amount of the loan she had taken?**

Ans

✗ 1. ₹13,250

✗ 2. ₹12,500

✓ 3. ₹12,000

✗ 4. ₹11,750

Question ID : **26433076329**
Status : **Answered**
Chosen Option : **3**

Q.13 **tan(θ -14π) is equal to:**

Ans

✓ 1. $\tan\theta$

✗ 2. $-\cot\theta$

✗ 3. $\cot\theta$

✗ 4. $-\tan\theta$

Question ID : **26433057163**
Status : **Answered**
Chosen Option : **1**

Q.14 What will be the remainder when 7^{42} is divided by 48?

Ans

✗ 1. 2

✗ 2. 3

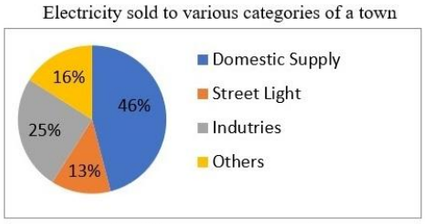
✓ 3. 1

✗ 4. 0

Question ID : **26433074449**
Status : **Answered**
Chosen Option : **3**

Q.15 The following pie chart is represents the units of electricity sold to various categories in a month by an Electricity Supplier.

Electricity sold to various categories of a town



The central angle of the sector corresponding to supply for Industries is:

Ans

✗ 1. 48°

✗ 2. 25°

✗ 3. 46°

✓ 4. 90°

Question ID : **26433090270**
Status : **Answered**
Chosen Option : **4**

Q.16 Number p is 15% more than 150. If k is 15% less than p, then k is equal to:

Ans
✗ 1. 136.324
✗ 2. 166.625
✗ 3. 116.328
✓ 4. 146.625

Question ID : **26433074981**
Status : **Answered**
Chosen Option : **4**

Q.17 What is the HCF of 36 and 198?

Ans
✗ 1. 36
✗ 2. 22
✓ 3. 18
✗ 4. 9

Question ID : **26433075042**
Status : **Answered**
Chosen Option : **3**

Q.18 The cost of a piece of diamond varies with the square of its weight. A diamond of Rs.6,084 value is cut into 3 pieces whose weights are in the ratio 3 : 2 : 1. Find the loss involved in the cutting.

Ans
✗ 1. Rs.3,768
✓ 2. Rs.3,718
✗ 3. Rs.3,168
✗ 4. Rs.3,518

Question ID : **26433063473**
Status : **Marked For Review**
Chosen Option : **4**

Q.19 The marked price of an article is ₹10,927. Due festive season, a certain percentage of discount is declared. Raju buys an article at reduced price and sells it at ₹109,27, and makes a profit of 11.5%. What was the percentage discount offered?

Ans
✓ 1. 10.3%
✗ 2. 11.3%
✗ 3. 11.5%
✗ 4. 10.9%

Question ID : **26433076178**
Status : **Answered**
Chosen Option : **4**

Q.20 If $x+\frac{1}{x}=-2$, then what is the value of $x^{17}+x^{-17}+x^{12}+x^{-12}$? (x < 0)

Ans
✗ 1. –2
✗ 2. –1
✗ 3. 1
✓ 4. 0

Question ID : **264330105921**
Status : **Answered**
Chosen Option : **4**

Q.21 Find the mean proportion between $(6+\sqrt{8})$ and $(3-\sqrt{2})$.

Ans
✗ 1. $2\sqrt{12}$
✓ 2. $\sqrt{14}$
✗ 3. $(6-\sqrt{8})$
✗ 4. $\sqrt{15}-7$

Question ID : **26433064983**
Status : **Answered**
Chosen Option : **2**

Q.22 If $x-y=1$ and $x^2+y^2=41$ where $x, y \geq 0$, then the value of $x+y$ will be:

Ans
✓ 1. 9
✗ 2. 8
✗ 3. 6
✗ 4. 7

Question ID : **26433074495**
Status : **Answered**
Chosen Option : **1**

Q.23 $\Delta XYZ \sim \Delta GST$ and XY : GS = 2:3, XV is the median to the side YZ, and GD is the median to the side ST. The value of $(\frac{YV}{SD})^2$ is _____.

Ans
✓ 1. $\frac{4}{9}$
✗ 2. $\frac{3}{5}$
✗ 3. $\frac{1}{4}$
✗ 4. $\frac{2}{3}$

Question ID : **26433091946**
Status : **Answered**
Chosen Option : **1**

Q.24 **Vikas covered a certain distance by bike. If he covers 40% of the distance at 40 km/h, 50% of the distance at 25 km/h and the remaining 10% distance at 10 km/h. Find his average speed over the whole distance.**

Ans
✔ 1. 25 km/h
✘ 2. 28 km/h
✘ 3. 26 km/h
✘ 4. 30 km/h

Question ID : **26433074953**
Status : **Answered**
Chosen Option : **1**

Q.25 **The table given below shows the production of refrigerator by 6 companies.**

Companies	Production
E	300
F	270
G	260
H	240
I	220
J	250

What is the ratio of production of refrigerator by company G to the production of refrigerator by company I?

Ans
✘ 1. 12 : 13
✘ 2. 11 : 13
✔ 3. 13 : 11
✘ 4. 13 : 12

Question ID : **264330105737**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Oscar is the most prestigious award which is <u>introduced to good</u> actors in that year.

Ans
✘ 1. rewarded to good
✘ 2. nominated to fine
✔ 3. awarded to best
✘ 4. attached to fine

Question ID : **26433088511**
Status : **Answered**
Chosen Option : **3**

Q.2 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
When I reached home late, I found my children <u>waiting on me.</u>

Ans
✘ 1. waiting with me
✘ 2. waiting by me
✘ 3. waiting about me
✔ 4. waiting for me

Question ID : **26433084627**
Status : **Answered**
Chosen Option : **4**

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

Our school had decided to take us to the Himalayas for excursion. I _____ to convince my mother to give consent.

Ans
- ✗ 1. fought fire with fire
- ✗ 2. brought home the bacon
- ✗ 3. made waves
- ✓ 4. left no stones unturned

Question ID : **26433070552**
Status : **Answered**
Chosen Option : **4**

Q.4 **Identify the INCORRECTLY spelt word in the given sentence.**

The rhime and rhythm of Papai's poems are highly symbolical and timely.

Ans
- ✓ 1. Rhime
- ✗ 2. Timely
- ✗ 3. Rhythm
- ✗ 4. Symbolical

Question ID : **26433070562**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the INCORRECTLY spelt word.**

Ans
- ✗ 1. Justice
- ✓ 2. Judege
- ✗ 3. Attorney
- ✗ 4. Lawyer

Question ID : **26433065137**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the sentence with the appropriate use of adverb of frequency.**

Ans
- ✗ 1. Radha goes to Nagpur with great affection.
- ✗ 2. Radha goes to Nagpur for her office work.
- ✓ 3. Radha often goes to Nagpur.
- ✗ 4. Radha goes to Nagpur to meet her uncle.

Question ID : **26433073885**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate synonym of the given word.**

Obligatory

Ans
- ✗ 1. Unnecessary
- ✓ 2. Compulsory
- ✗ 3. Chosen
- ✗ 4. Optional

Question ID : **26433071877**
Status : **Answered**
Chosen Option : **4**

Q.8 **Select the most appropriate ANTONYM of the underlined word.**
Built by King Narasimhadeva I of the Eastern Ganga dynasty from 1238-1250 CE, the 13th century late-style Kalingan temple forms part of the golden triangle of Odisha, along with Puri and Bhubaneswar, and attracts tourists, pilgrims, and history and art lovers.

Ans
✗ 1. Embodies
✗ 2. Shrouds
✗ 3. Elucidates
✓ 4. Deters

Question ID : **26433061572**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the option that contains a grammatical error in the underlined portion.**

There are three cupholders placed on the cupboards of the secretariat table.

Ans
✗ 1. There are three cupholders placed on the cupboards of the secretariat table.
✓ 2. There are three cupholders placed on the cupboards of the secretariat table.
✗ 3. There are three cupholders placed on the cupboards of the secretariat table.
✗ 4. There are three cupholders placed on the cupboards of the secretariat table.

Question ID : **26433088584**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the most appropriate option to fill in the blank.**

Anita is an employee who has unconditional _____ for her company.

Ans
✗ 1. support
✗ 2. dedication
✗ 3. attachment
✓ 4. love

Question ID : **26433089032**
Status : **Answered**
Chosen Option : **2**

Q.11 **Rearrange the parts of the sentence in correct order.**
The spectacular
P. Indian economy, were largely based on coal
Q. expansion of electrification of the
R. the last 20 years, and the considerable
S. Chinese economic growth of

Ans
✗ 1. QRPS
✗ 2. SQRP
✗ 3. PRQS
✓ 4. SRQP

Question ID : **264330104669**
Status : **Answered**
Chosen Option : **2**

Q.12 **Select the correct direct form of the given sentence.**
The surgeon says that I should get anaesthesia for the surgery.

Ans
✔ 1. The surgeon says, “You should get anaesthesia for the surgery.”
✘ 2. The surgeon says, “I should get anaesthesia for the surgery.”
✘ 3. The surgeon said, “You should get anaesthesia for the surgery.”
✘ 4. The surgeon says, “You could get anaesthesia for the surgery.”

Question ID : **264330104642**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the correct active form of the given sentence.**
Why is peace being demanded by you?

Ans
✘ 1. Why you are demanding peace?
✘ 2. Why are peace demanded?
✔ 3. Why are you demanding peace?
✘ 4. Why you demand peace?

Question ID : **264330104591**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the most appropriate ANTONYM of the underlined word.**
The WHO issued a statement on Sunday morning that though the Omicron variant of coronavirus may appear to be less severe, it should not be dismissed as ‘mild’.

Ans
✘ 1. Withered
✘ 2. Sick
✔ 3. Gentle
✘ 4. Voracious

Question ID : **26433061561**
Status : **Answered**
Chosen Option : **4**

Q.15 **Select the correct passive form of the given sentence.**
They fired her because she was careless.

Ans
✘ 1. She is being fired by them because she was careless.
✘ 2. She is fired by them because she was careless.
✘ 3. She had been fired by them because she was careless.
✔ 4. She was fired by them because she was careless.

Question ID : **264330104561**
Status : **Answered**
Chosen Option : **4**

Q.16 **Select the most appropriate option to fill in the blank.**

He has experienced _____ abuse.

Ans
✘ 1. palpable
✘ 2. visible
✔ 3. physical
✘ 4. intangible

Question ID : **26433072045**
Status : **Answered**
Chosen Option : **4**

Q.17 **The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.**
P. You can use proper lighting, reduce screen glare, and take more breaks.
Q. However, one of the easiest habits to build is to follow the "20-20-20 rule".
R. There are lots of ways you can protect your eyes during the day.
S. Every 20 minutes of time spent staring at a screen, look away at an option that is at least 20 feet away for 20 seconds.

Ans
✗ 1. SQPR
✗ 2. QRSP
✓ 3. RPQS
✗ 4. SPRQ

Question ID : **264330104714**
Status : **Answered**
Chosen Option : **3**

Q.18 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

Being an ardent professional, the lawyer always kept his clients <u>at an arm's length</u>.

Ans
✗ 1. Away from each other
✓ 2. At a distance
✗ 3. Under wraps
✗ 4. Alert and prepared

Question ID : **26433071987**
Status : **Answered**
Chosen Option : **2**

Q.19 **Select the most appropriate synonym of the underlined word in the given sentence.**

Rahul was sharing some of his childhood stories and they were <u>hysterical</u>.

Ans
✗ 1. Emotional
✗ 2. Dangerous
✓ 3. Funny
✗ 4. Scary

Question ID : **26433060361**
Status : **Answered**
Chosen Option : **3**

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

Not only is my brother intelligent <u>though hard working</u> too.

Ans
✗ 1. or hard working
✓ 2. but hard working
✗ 3. so hard working
✗ 4. yet hard working

Question ID : **26433081310**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

Everything we know about non-avian dinosaurs is _____ (1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have _____ (2) amazing fossilized bones and footprints. Early finds inspired _____ (3) and fairy tales, and people _____ (4) that these bones belonged to _____ (5) or huge monsters.

SubQuestion No : 21

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

Ans

✗ 1. taken after

✗ 2. held on

✗ 3. given in

✓ 4. based on

Question ID : **26433079000**
Status : **Answered**
Chosen Option : **4**

Comprehension:

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

Everything we know about non-avian dinosaurs is _____ (1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have _____ (2) amazing fossilized bones and footprints. Early finds inspired _____ (3) and fairy tales, and people _____ (4) that these bones belonged to _____ (5) or huge monsters.

SubQuestion No : 22

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

Ans

✗ 1. designed

✗ 2. invented

✗ 3. fabricated

✓ 4. discovered

Question ID : **26433079001**
Status : **Answered**
Chosen Option : **4**

Comprehension:

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

Everything we know about non-avian dinosaurs is _____ (1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have _____ (2) amazing fossilized bones and footprints. Early finds inspired _____ (3) and fairy tales, and people _____ (4) that these bones belonged to _____ (5) or huge monsters.

SubQuestion No : 23

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

Ans

✗ 1. fame

✗ 2. celebrities

✓ 3. legends

✗ 4. honour

Question ID : **26433079002**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

Everything we know about non-avian dinosaurs is _____ (1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have _____ (2) amazing fossilized bones and footprints. Early finds inspired _____ (3) and fairy tales, and people _____ (4) that these bones belonged to _____ (5) or huge monsters.

SubQuestion No : 24

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

Ans

✗ 1. aimed

✗ 2. opposed

✗ 3. arranged

✓ 4. imagined

Question ID : **26433079003**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

Everything we know about non-avian dinosaurs is _____ (1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have _____ (2) amazing fossilized bones and footprints. Early finds inspired _____ (3) and fairy tales, and people _____ (4) that these bones belonged to _____ (5) or huge monsters.

SubQuestion No : 25

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

Ans

✗ 1. spirits

✗ 2. devils

✗ 3. ghosts

✓ 4. giants

Question ID : **26433079004**
Status : **Answered**
Chosen Option : **2**