Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	ION Digital Zone iDZ SARONA
Exam Date	01/12/2022
Exam Time	9:00 AM - 10:00 AM
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 +, 3 and 9
I. 7 × 9 – 8 ÷ 2 + 3
II. 4 × 9 – 3 + 8 ÷ 2

Ans
✗ 1. 0, 1
✓ 2. –26, –29
✗ 3. 6, 0
✗ 4. 12, 13

Question ID : **264330105153**
Status : **Answered**
Chosen Option : **2**

Q.2 **In a certain code language, 'BEHOLD' is written as 'BDEHLO' and 'INDEED' is written as 'DDEEIN'. How will 'COURSE' be written in that language?**

Ans
✗ 1. CEROSU
✗ 2. CEORUS
✗ 3. CEOSUR
✓ 4. CEORSU

Question ID : **26433067302**
Status : **Answered**
Chosen Option : **4**

Q.3 **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.)
Library : Books :: Museum : ?

Ans
✗ 1. Building
✓ 2. Artefacts
✗ 3. People
✗ 4. Gallery

Question ID : **26433056807**
Status : **Answered**
Chosen Option : **2**

Q.4 **Which of the following numbers will replace the question mark (?) in the given series?**
382, 322, 272, 232, 202, ?

Ans

✗ 1. 168

✗ 2. 150

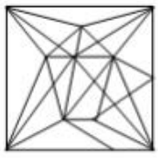
✓ 3. 182

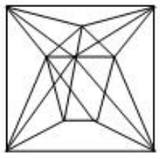
✗ 4. 132

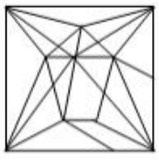
Question ID : **26433067865**
Status : **Answered**
Chosen Option : **3**

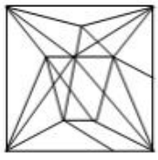
Q.5 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433068296**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the correct combination of mathematical signs to replace the * signs and balance the given equation.**
21 * 4 * 156 * 13 * 11 = 83

Ans

✗ 1. −, ÷, ×, +

✗ 2. ×, +, ÷, −

✓ 3. ×, −, ÷, +

✗ 4. +, ÷, −, ×

Question ID : **26433087136**
Status : **Answered**
Chosen Option : **2**

Q.7 **Which of the following letter-clusters will replace the question mark (?) in the given series?**
PK, GT, XC, OL, ?

Ans
✗ 1. GT
✗ 2. HS
✗ 3. EV
✓ 4. FU

Question ID : **26433057189**
Status : **Answered**
Chosen Option : **4**

Q.8 **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.)
(3, 14, 1)
(4, 36, 2)

Ans
✗ 1. (8, 12, 2)
✗ 2. (5, 81, 4)
✗ 3. (7, 40, 3)
✓ 4. (8, 260, 2)

Question ID : **26433069234**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
12 * 24 * 4 * 2 * 60

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

Question ID : **26433068564**
Status : **Answered**
Chosen Option : **1**

Q.10 **Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.**

Ans
✗ 1. HGF
✗ 2. RQP
✓ 3. UVW
✗ 4. LKJ

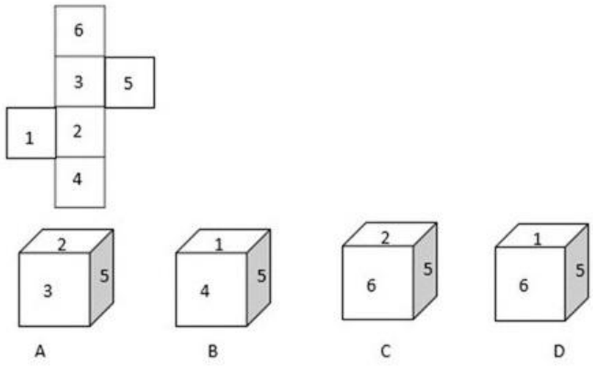
Question ID : **26433069014**
Status : **Answered**
Chosen Option : **3**

Q.11 **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)**
Phone : Talk :: Television : ?

Ans
✗ 1. Remote
✓ 2. View
✗ 3. Read
✗ 4. Channel

Question ID : **26433067807**
Status : **Answered**
Chosen Option : **2**

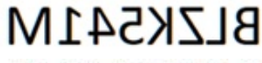
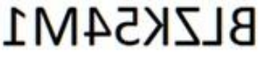
Q.12 Select the cube that can be formed by folding the given sheet along the lines.



Ans
✗ 1. None are possible
✗ 2. Only A and B
✗ 3. Only C and D
✓ 4. Only A

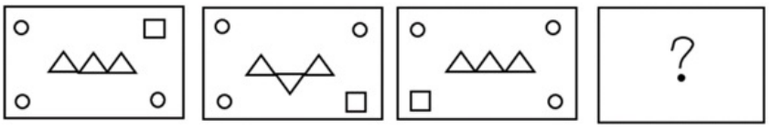
Question ID : **26433070354**
Status : **Answered**
Chosen Option : **4**

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.

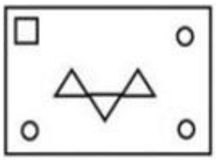
Question ID : **26433067828**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the figure that will replace the question mark (?) in the following figure series.

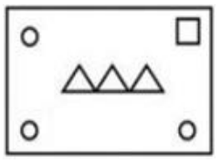


Ans

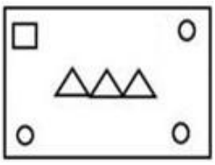
✔ 1.



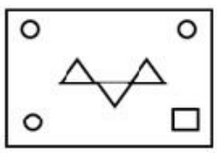
✘ 2.



✘ 3.



✘ 4.



Question ID : **26433065983**
Status : **Answered**
Chosen Option : **1**

Q.15 **Read the given statements 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 statements.**
Statements:
All cards are boxes.
All boxes are torches.
All torches are shoes.
Conclusions:
I. All shoes are torches.
II. All torches are boxes.
III. All boxes are cards.
IV. All cards are shoes.

Ans

✔ 1. Only conclusion IV follows

✘ 2. Only conclusions II and III follow

✘ 3. Only conclusions I and II follow

✘ 4. Only conclusion III follows

Question ID : **26433068559**
Status : **Answered**
Chosen Option : **1**

Q.16 **In a certain code language, FRUCTUS is coded as 108, and SPRINTER is coded as 119. How will MASCULINE be coded in that language?**

Ans
- ✗ 1. 96
- ✗ 2. 99
- ✓ 3. 97
- ✗ 4. 98

Question ID : **26433067999**
Status : **Answered**
Chosen Option : **3**

Q.17 **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 W are S.
II. No D is W.
Conclusion:
I. Some S are W.
II. All S are D.
III. No W is D.

Ans
- ✗ 1. Only conclusion III follows
- ✓ 2. Both conclusions I and III follows
- ✗ 3. Both conclusions I and II follows
- ✗ 4. All conclusion follows

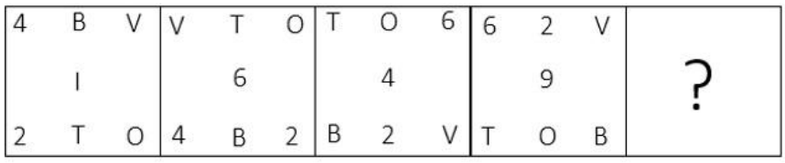
Question ID : **264330104941**
Status : **Answered**
Chosen Option : **2**

Q.18 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
NMRQ, NDZG, NUHW, NLPM, ?

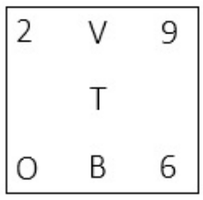
Ans
- ✗ 1. NQRC
- ✓ 2. NCXC
- ✗ 3. NHMH
- ✗ 4. MQRQ

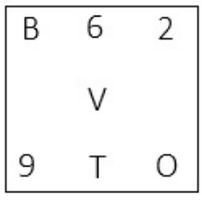
Question ID : **264330104833**
Status : **Answered**
Chosen Option : **2**

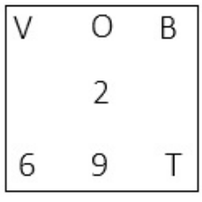
Q.19 Which figure should replace the question mark (?) if the series were to be continued?

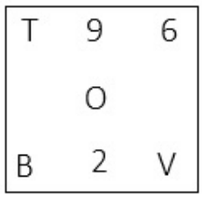


Ans

1. 

2. 

3. 

4. 

Question ID : **26433076646**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **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.**
19 : 324 :: 25 : 576 :: 9 : ?

Ans

1. 16
2. 64
3. 88
4. 72

Question ID : **26433067647**
Status : **Answered**
Chosen Option : **2**

Q.21 **After arranging the given words according to dictionary order, which word will come at 'Fifth' position?**
1. Popular
2. Population
3. Populace
4. Pope
5. Poppy

Ans
✔ 1. Population
✘ 2. Poppy
✘ 3. Popular
✘ 4. Populace

Question ID : **264330104889**
Status : **Answered**
Chosen Option : **1**

Q.22 **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)
(20, 6, 4)
(24, 7, 5)

Ans
✔ 1. (65, 9, 4)
✘ 2. (22, 5, 2)
✘ 3. (40, 8, 5)
✘ 4. (42, 7, 3)

Question ID : **26433070236**
Status : **Answered**
Chosen Option : **1**

Q.23 **A # B means 'A is the sister 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 father of B'
If A % B & C # D @ E, then how is B related to E?

Ans
✘ 1. Brother
✔ 2. Son-in-law
✘ 3. Father
✘ 4. Son

Question ID : **26433065960**
Status : **Answered**
Chosen Option : **2**

Q.24 **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 paternal aunt of R?**

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

Question ID : **264330105004**
Status : **Answered**
Chosen Option : **2**

Q.25 **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. (7 – 343 – 331)
✘ 2. (6 – 216 – 206)
✘ 3. (5 – 125 – 115)
✘ 4. (4 – 64 – 54)

Question ID : **264330105092**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 **The term 'Back-stick' is used in which of the following games/sports?**

Ans
✘ 1. Basketball
✘ 2. Badminton
✔ 3. Hockey
✘ 4. Volleyball

Question ID : **26433071565**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Which of the following festivals in Punjab is celebrated to commemorate the formation of the Khalsa Panth?**

Ans
✘ 1. Lohri
✘ 2. Hola Mohalla
✘ 3. Teej
✔ 4. Baisakhi

Question ID : **26433071667**
Status : **Answered**
Chosen Option : **4**

Q.3 **What theme was decided to celebrate the second 'International Day of Yoga' in India?**

Ans
✔ 1. Yoga for the achievement of the Sustainable Development Goals
✘ 2. Yoga for Peace
✘ 3. Yoga for Wellness
✘ 4. Yoga for Heart

Question ID : **26433059379**
Status : **Answered**
Chosen Option : **2**

Q.4 **Chemical formula of quick lime is _____.**

Ans
✔ 1. CaO
✘ 2. CO^2
✘ 3. $CaCO^3$
✘ 4. $Ca(OH)^2$

Question ID : **264330105473**
Status : **Answered**
Chosen Option : **1**

Q.5 What is the unit of work done?

Ans
✗ 1. Watt
✗ 2. Decibel
✗ 3. Ampere
✓ 4. Joule

Question ID : **26433066454**
Status : **Answered**
Chosen Option : **4**

Q.6 Which of the following sites do “Not” have nuclear power plant?

Ans
✓ 1. Vijayawada
✗ 2. Naraura
✗ 3. Tarapur
✗ 4. Rawat Bhata

Question ID : **264330105502**
Status : **Answered**
Chosen Option : **1**

Q.7 The Ramakrishna Mission stressed the ideal of _____ through social service and selfless action.

Ans
✗ 1. bhakti
✗ 2. education
✓ 3. salvation
✗ 4. God

Question ID : **26433085308**
Status : **Answered**
Chosen Option : **3**

Q.8 International Non-Violence Day is observed on:

Ans
✗ 1. 15 August
✗ 2. 31 October
✓ 3. 2 October
✗ 4. 14 November

Question ID : **26433072931**
Status : **Answered**
Chosen Option : **3**

Q.9 Which of the following Dynasties established the kingdom of Vijayanagara?

Ans
✓ 1. Sangama Dynasty
✗ 2. Nagama Dynasty
✗ 3. Soma Dynasty
✗ 4. Tuluva Dynasty

Question ID : **26433091458**
Status : **Answered**
Chosen Option : **1**

Q.10 When was 'Vayudoot' airline setup in India?

Ans
- ✔ 1. 1981
- ✘ 2. 1991
- ✘ 3. 1971
- ✘ 4. 1969

Question ID : **26433089226**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Wearing away of landscape by different agents like water, wind and ice is called _____.

Ans
- ✘ 1. Weathering
- ✔ 2. Erosion
- ✘ 3. Metamorphosis
- ✘ 4. Sedimentation

Question ID : **264330105645**
Status : **Answered**
Chosen Option : **2**

Q.12 Who has been appointed as the new chairman of the Central Board of Direct Taxes in June 2022?

Ans
- ✔ 1. Nitin Gupta
- ✘ 2. Nidhi Chibber
- ✘ 3. Ashish Jha
- ✘ 4. M Jagadesh Kumar

Question ID : **264330105322**
Status : **Answered**
Chosen Option : **1**

Q.13 Who among the following is known as 'Sarod Samrat' in Indian Classical Music?

Ans
- ✘ 1. Pandit Ravishankar Prasad
- ✘ 2. Aamir Ali Khan
- ✔ 3. Amjad Ali Khan
- ✘ 4. Kishan Maharaj

Question ID : **26433074115**
Status : **Answered**
Chosen Option : **3**

Q.14 Which of the following is NOT one of the methods of national income estimation?

Ans
- ✔ 1. Banking method
- ✘ 2. Expenditure method
- ✘ 3. Product method
- ✘ 4. Income method

Question ID : **264330105359**
Status : **Answered**
Chosen Option : **1**

Q.15 The term 'Parliament' refers to the _____.

Ans
✗ 1. Rajya Sabha
✗ 2. Lok Sabha
✗ 3. State legislature
✓ 4. National legislature

Question ID : **26433064848**
Status : **Answered**
Chosen Option : **4**

Q.16 Chief Minister of which state has inaugurated a project of the Women and Child Development department to provide milk and eggs to children at all anganwadis in the state in a bid to improve their nutrition levels?

Ans
✗ 1. Andhra Pradesh
✓ 2. Kerala
✗ 3. Karnataka
✗ 4. Tamil Nadu

Question ID : **264330105318**
Status : **Answered**
Chosen Option : **4**

Q.17 A 'Camel Protection and Development Policy' has been announced by the government of _____.

Ans
✓ 1. Rajasthan
✗ 2. Punjab
✗ 3. Gujarat
✗ 4. Ladakh

Question ID : **264330105275**
Status : **Answered**
Chosen Option : **1**

Q.18 Who among the following Presidents of India was also the deputy chairman of Planning Commission?

Ans
✗ 1. V V Giri
✗ 2. K R Narayanan
✗ 3. Ramaswamy Venkataraman
✓ 4. Pranab Mukherjee

Question ID : **26433066618**
Status : **Not Answered**
Chosen Option : **--**

Q.19 In Golgi apparatus, the maturing face is:

Ans
✗ 1. spherical
✓ 2. convex
✗ 3. bi-concave
✗ 4. concave

Question ID : **26433086612**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Raja Ram Mohan Roy founded a reform association known as Brahmo Sabha which was later known as _____.

Ans
✗ 1. Dev Samaj
✗ 2. Arya Samaj
✗ 3. Brahmo School
✓ 4. Brahmo Samaj

Question ID : **264330105581**
Status : **Answered**
Chosen Option : **4**

Q.21 _____ part of xylem tissue in plants stores food.

Ans
✗ 1. Vessels
✗ 2. Xylem fibres
✓ 3. Xylem parenchyma
✗ 4. Tracheids

Question ID : **264330105458**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Who among the following composers won the Grammy in 2015 for his album 'Winds of Samsara' – a collaboration with South African flautist Wouter Kellerman?

Ans
✗ 1. Mano Murthy
✗ 2. Raghu Dixit
✗ 3. Subhashish Ghosh
✓ 4. Ricky Kej

Question ID : **26433054473**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In which of the following Indian states, Harappan cities have NOT been found?

Ans
✓ 1. Uttarakhand
✗ 2. Gujarat
✗ 3. Rajasthan
✗ 4. Haryana

Question ID : **264330105171**
Status : **Answered**
Chosen Option : **1**

Q.24 Burning of coal is an example of _____.

Ans
✗ 1. decomposition reaction
✗ 2. double displacement reaction
✓ 3. combination reaction
✗ 4. displacement reaction

Question ID : **264330105474**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **The foremost right among rights to freedom is _____.**

Ans
✔ 1. Right to life and personal liberty
✘ 2. Preventive detention
✘ 3. Freedom to assemble
✘ 4. Right to freedom of speech and expression

Question ID : **26433064828**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 **A dishonest merchant sells goods at a 12.5% loss on the cost price, but uses 28 g weight instead of 36 g. What is his percentage profit or loss?**

Ans
✘ 1. 6.25% loss
✔ 2. 12.5% gain
✘ 3. 18.75% gain
✘ 4. 10.5% loss

Question ID : **26433065071**
Status : **Answered**
Chosen Option : **2**

Q.2 **The HCF of two numbers is 12. Which one of the following can never be their LCM?**

Ans
✘ 1. 72
✘ 2. 60
✔ 3. 90
✘ 4. 84

Question ID : **26433074260**
Status : **Answered**
Chosen Option : **3**

Q.3 **Two circles touch each other externally at P. AB is a direct common tangent to the two circles, A and B are points of contact, and ∠PAB = 40° . The measure of ∠ABP is:**

Ans
✘ 1. 45°
✘ 2. 55°
✔ 3. 50°
✘ 4. 40°

Question ID : **26433062666**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **The mean proportion of 169 and 144 is:**

Ans
✔ 1. 156
✘ 2. 147
✘ 3. 126
✘ 4. 165

Question ID : **26433073018**
Status : **Answered**
Chosen Option : **1**

Q.5 **The length and breadth of a rectangle are increased by 8% and 5%, respectively. By how much percentage will the area of the rectangle increase?**

Ans
✔ 1. 13.4%
✘ 2. 15.4%
✘ 3. 12.4%
✘ 4. 16.4%

Question ID : **26433063382**
Status : **Answered**
Chosen Option : **1**

Q.6 Simplify $\frac{\cos 45^\circ}{\sec 30^\circ + \operatorname{cosec} 30^\circ}$

Ans
✘ 1. $\frac{3\sqrt{2}+\sqrt{6}}{8}$
✘ 2. $\frac{\sqrt{3}}{2\sqrt{2}-2\sqrt{6}}$
✔ 3. $\frac{3\sqrt{2}-\sqrt{6}}{8}$
✘ 4. $\frac{\sqrt{3}}{2\sqrt{6}-2\sqrt{2}}$

Question ID : **26433082925**
Status : **Answered**
Chosen Option : **4**

Q.7 Which of the following numbers is a divisor of $(49^{15}-1)$?

Ans
✘ 1. 46
✘ 2. 14
✔ 3. 8
✘ 4. 50

Question ID : **26433065261**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **In a 1500 m race, Anil beats Bakul by 150 m and in the same race Bakul beats Charles by 75 m. By what distance does Anil beat Charles?**

Ans
✔ 1. 217.50 m
✘ 2. 200.15 m
✘ 3. 293.50 m
✘ 4. 313.75 m

Question ID : **26433075243**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **₹2,500, when invested for 8 years at a given rate of simple interest per year, amounted to ₹3,725 on maturity. What was the rate of simple interest that was paid per annum?**

Ans
✗ 1. 6%
✓ 2. 6.125%
✗ 3. 6.25%
✗ 4. 5.875%

Question ID : **26433075882**
Status : **Answered**
Chosen Option : **2**

Q.10 The following table shows the number of pages printed by 3 printers during 3 days.

Printers / Days	X	Y	Z
Monday	130	140	210
Tuesday	110	145	160
Wednesday	180	90	218

What is the average number of pages printed by printer Z during the 3 days?

Ans
✓ 1. 196
✗ 2. 194
✗ 3. 192
✗ 4. 190

Question ID : **26433082992**
Status : **Answered**
Chosen Option : **1**

Q.11 **The batting average for 27 innings of a cricket player is 47 runs. His highest score in an innings exceeds his lowest score by 157 runs. If these two innings are excluded, the average score of the remaining 25 innings is 42 runs. Find his highest score in an innings.**

Ans
✗ 1. 176
✓ 2. 188
✗ 3. 186
✗ 4. 174

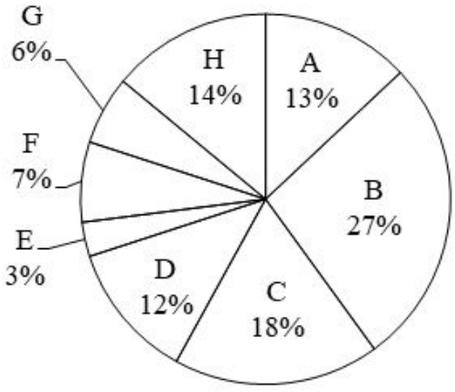
Question ID : **26433066295**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **P and Q can complete a project in 15 days and 10 days, respectively. They started doing the work together, but after 2 days, Q had to leave and P alone completed the remaining work. In how many days was the whole work completed?**

Ans
✗ 1. 11
✓ 2. 12
✗ 3. 13
✗ 4. 10

Question ID : **26433075164**
Status : **Answered**
Chosen Option : **2**

Q.13 **The pie chart given below shows the number of truck sold by 8 different companies. The total number of truck sold by all these 8 companies are 4000. Number of truck sold by a particular company is shown as a percent of total number of truck sold by all these 8 companies.**



The number of trucks sold by B, C, F and H is how much percent less than the number of trucks sold by all these 8 companies?

Ans

✗ 1. 46 percent

✗ 2. 22 percent

✓ 3. 34 percent

✗ 4. 14 percent

Question ID : **264330105771**
Status : **Answered**
Chosen Option : **3**

Q.14

If $x^2 - 5x + 1 = 0$, then the value of $\frac{x^6+x^4+x^2+1}{5x^3} = ?$

Ans

✗ 1. 30

✗ 2. 25

✓ 3. 23

✗ 4. 28

Question ID : **26433066342**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **In a right-angled triangle PQR, right-angled at Q, the length of the side PR is 17 units, length of the base QR is 8 units, and length of the side PQ is 15 units. If ∠RPQ = α, then sinα + cosα is:**

Ans

✗ 1. $\frac{18}{17}$

✓ 2. $\frac{23}{17}$

✗ 3. $\frac{21}{17}$

✗ 4. $\frac{15}{17}$

Question ID : **26433058440**
Status : **Answered**
Chosen Option : **2**

Q.16 If $\frac{(17)^3+(7)^3}{(17^2+7^2-k)}=24$, then what is the value of k?

Ans
- ✔ 1. 119
- ✘ 2. 128
- ✘ 3. 24
- ✘ 4. 109

Question ID : **264330105926**
Status : **Answered**
Chosen Option : **1**

Q.17 **The circumference of the two circles is 198 cm and 352 cm respectively. What is the difference between their radii?**

Ans
- ✘ 1. 45 cm
- ✘ 2. 16.5 cm
- ✘ 3. 49.5 cm
- ✔ 4. 24.5 cm

Question ID : **264330105853**
Status : **Answered**
Chosen Option : **2**

Q.18 **Radius of a circle is 10 cm. Angle made by chord AB at the centre of this circle is 60 degree. What is the length of this chord?**

Ans
- ✘ 1. 40 cm
- ✘ 2. 20 cm
- ✘ 3. 30 cm
- ✔ 4. 10 cm

Question ID : **264330105841**
Status : **Not Answered**
Chosen Option : **--**

Q.19 How many spherical lead shots each of diameter 8.4 cm can be obtained from a rectangular solid of lead with dimension 88 cm, 63 cm, 42 cm (take $\pi=\frac{22}{7}$)?

Ans
- ✘ 1. 920
- ✔ 2. 750
- ✘ 3. 650
- ✘ 4. 860

Question ID : **26433065018**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **The table given below shows the number of spoon manufactured by five factories.**

Factory	Spoon
P	100
Q	200
R	150
S	50
T	250

What are the ratio of number of spoon manufactured by P to the number of spoon manufactured by R?

Ans

✗ 1. 3 : 2

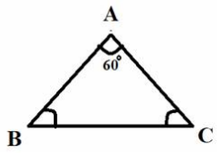
✓ 2. 2 : 3

✗ 3. 14 : 1

✗ 4. 1 : 3

Question ID : **264330105713**
Status : **Answered**
Chosen Option : **2**

Q.21 In the triangle ABC, AB = 12 cm and AC = 10 cm, and ∠BAC = 60°. What is the value of the length of the side BC?



Ans

✗ 1. 10 cm

✗ 2. 7.13 cm

✗ 3. 13.20 cm

✓ 4. 11.13 cm

Question ID : **26433075333**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **The value of $\tan^2\theta + \cot^2\theta - \sec^2\theta \operatorname{cosec}^2\theta$ is:**

Ans

✗ 1. 2

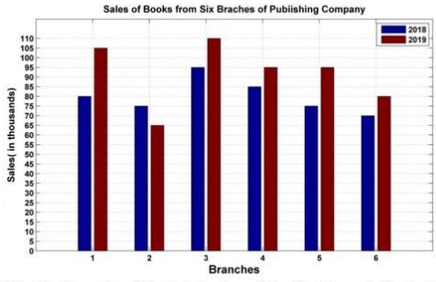
✓ 2. −2

✗ 3. 0

✗ 4. 1/2

Question ID : **26433072981**
Status : **Answered**
Chosen Option : **2**

Q.23 The following bar graph shows the sales of books (in thousands) from six branches of a publishing company during two consecutive years 2018 and 2019.



What is the ratio of the total sales of the first branch for both years to the total sales of the fourth branch for both years?

Ans

✗ 1. $4:3$

✗ 2. $5:9$

✗ 3. $8:11$

✓ 4. $7:9$

Question ID : **26433082417**
Status : **Not Answered**
Chosen Option : **--**

Q.24 **If** $\frac{4\left[(17)^3-(7)^3\right]}{\left(17^2+7^2+p\right)}=40$ **, then what is the value of p?**

Ans

✗ 1. –119

✗ 2. –129

✓ 3. 119

✗ 4. 129

Question ID : **264330105963**
Status : **Answered**
Chosen Option : **3**

Q.25 **Riya could not decide between discount of 30% or two successive discounts of 25% and 5%, both given on shopping of ₹3,840. What is the difference between both the discounts?**

Ans

✗ 1. ₹44

✓ 2. ₹48

✗ 3. ₹42

✗ 4. ₹46

Question ID : **26433076094**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**
A. When this extra water vapour condenses into precipitation, it results in heavier rain — or, if it's cold enough, heavier snow.
B. The atmosphere can store an additional 4% of water vapour for every additional 1°F of warming.
C. More water evaporates from soils, plants, lakes and seas as the atmosphere warms.
D. One of the most obvious indications of climate change is heavier rainfall.

Ans
✗ 1. CBDA
✓ 2. DCBA
✗ 3. ACDB
✗ 4. BCAD

Question ID : **26433093048**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the correct indirect form of the given sentence.**
She said, "I am in no mood to work now."

Ans
✗ 1. She said that she has been in no mood to work then.
✗ 2. She said that she was in no mood to work now.
✓ 3. She said that she was in no mood to work then.
✗ 4. She said that she has been in no mood to work now.

Question ID : **264330104623**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the correct passive form of the given sentence.**
Manu will tell her later.

Ans
✗ 1. She will be tell later by Manu.
✗ 2. She will tell later by Manu.
✓ 3. She will be told later by Manu.
✗ 4. She will be tell later.

Question ID : **264330104553**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the correct active form of the given sentence.**
Has the villa been occupied by them?

Ans
✗ 1. Did they occupied the villa?
✗ 2. Had they occupied the villa?
✓ 3. Have they occupied the villa?
✗ 4. Do they occupied the villa?

Question ID : **264330104577**
Status : **Answered**
Chosen Option : **3**

Q.5 **In the given sentence, one word may have been incorrectly spelt. Select the correctly spelt word from the given alternatives. If there is no error, select 'No error' as your answer.**

The erroneous information spread rapidly across the nation and created a stir.

Ans
✗ 1. erronous
✓ 2. No error
✗ 3. eronneous
✗ 4. errauneous

Question ID : **26433070555**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the most appropriate ANTONYM of the word 'SINKS' from the given sentence.**

Groups work together to create Christmas parade themes, which are then carried out in floats, musical groups, and strolling figures.

Ans
✓ 1. Floats
✗ 2. Create
✗ 3. Parade
✗ 4. Strolling

Question ID : **26433060703**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the most appropriate option to fill in the blank.**
The angles are equal, consequently the sides are _____.

Ans
✓ 1. equal
✗ 2. unequal
✗ 3. larger
✗ 4. smaller

Question ID : **26433086340**
Status : **Answered**
Chosen Option : **1**

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

Like a cakewalk

Ans
✗ 1. Smooth surface
✗ 2. Pleasant experience
✓ 3. Easy task
✗ 4. Active

Question ID : **26433060715**
Status : **Answered**
Chosen Option : **3**

Q.9 **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'.**

After finishing high school, I plan to pursuing law.

Ans

✗ 1. No substitution

✓ 2. plan to pursue

✗ 3. plan in pursue

✗ 4. plan to pursuing

Question ID : **26433084575**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the most appropriate synonym of the given word.**

Confusion

Ans

✗ 1. Intrepidity

✗ 2. Stagnation

✗ 3. Perusal

✓ 4. Commotion

Question ID : **26433060626**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the most appropriate option to substitute the underlined segment in the given sentence.**

Our guests arrived; they are sitting in the garden.

Ans

✗ 1. shall arrive

✓ 2. have arrived

✗ 3. are arriving

✗ 4. might arrive

Question ID : **26433073842**
Status : **Answered**
Chosen Option : **2**

Q.12 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

During an earthquake, / it is advised to take / cover above a table / to save your life.

Ans

✓ 1. cover above a table

✗ 2. During an earthquake,

✗ 3. it is advised to take

✗ 4. to save your life.

Question ID : **26433096152**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Finery
✓ 2. Hiest
✗ 3. Cringe
✗ 4. Defer

Question ID : **26433063139**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the most appropriate meaning of the given idiom.**

All eyes

Ans
✗ 1. Watching with anger
✓ 2. Watching eagerly
✗ 3. Watching with no interest
✗ 4. Not watching at all

Question ID : **26433072219**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
He was looking into his book for the last two hours but couldn't find it.

Ans
✗ 1. looking down on his book
✗ 2. looking above his book
✓ 3. looking for his book
✗ 4. looking after his book

Question ID : **26433084638**
Status : **Answered**
Chosen Option : **3**

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

Ram was praised for his_____ leadership.

Ans
✗ 1. imaginary
✓ 2. visionary
✗ 3. magical
✗ 4. broad

Question ID : **26433070455**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the most appropriate word segment for the underlined word in the given sentence.**
Pintu has been advised to reduce smoking by his family doctor.

Ans
✓ 1. cut down
✗ 2. less down
✗ 3. lower down
✗ 4. up down

Question ID : **26433088312**
Status : **Answered**
Chosen Option : **1**

Q.18 **Select the most appropriate ANTONYM of the given word.**
Rebellion

Ans
✗ 1. Uprising
✓ 2. Loyalty
✗ 3. Sedition
✗ 4. Allotment

Question ID : **26433059716**
Status : **Answered**
Chosen Option : **2**

Q.19 **Select the most appropriate ANTONYM of the given word.**
Hospitality

Ans
✗ 1. Complaint
✗ 2. Cordiality
✓ 3. Coldness
✗ 4. Wrathful

Question ID : **26433059713**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the sentence with the appropriate use of adverb of manner.**

Ans
✗ 1. He done his work regularly.
✗ 2. He has just done his work.
✓ 3. He does his work carefully.
✗ 4. He has done his work on my table.

Question ID : **26433073884**
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.

Digital India can be the prime (1)_____ behind making a reality of the government's promise of minimum government, maximum governance. Such a transformation requires technology to be firmly (2)_____ into government, something that the Digital India project lists as one of its foremost objectives. Embedding technology into government (3) _____ will do three things; transform the government and make it more transparent and efficient, transform the lives of citizens especially those at the bottom of the (4)_____ pyramid and make our economy more efficient and competitive. A 2014 McKinsey Global Institute report predicts that the large-scale (5) _____ of technology through Digital India positions India with the biggest opportunity yet to accelerate economic growth.

SubQuestion No : 21

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

Ans
✗ 1. impact
✗ 2. might
✗ 3. factors
✓ 4. force

Question ID : **26433084841**
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.

Digital India can be the prime (1)_____ behind making a reality of the government's promise of minimum government, maximum governance. Such a transformation requires technology to be firmly (2)_____ into government, something that the Digital India project lists as one of its foremost objectives. Embedding technology into government (3) _____ will do three things; transform the government and make it more transparent and efficient, transform the lives of citizens especially those at the bottom of the (4)_____ pyramid and make our economy more efficient and competitive. A 2014 McKinsey Global Institute report predicts that the large-scale (5) _____ of technology through Digital India positions India with the biggest opportunity yet to accelerate economic growth.

SubQuestion No : 22

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

Ans

✗ 1. inserted

✓ 2. embedded

✗ 3. planted

✗ 4. stuck

Question ID : **26433084842**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

Digital India can be the prime (1)_____ behind making a reality of the government's promise of minimum government, maximum governance. Such a transformation requires technology to be firmly (2)_____ into government, something that the Digital India project lists as one of its foremost objectives. Embedding technology into government (3) _____ will do three things; transform the government and make it more transparent and efficient, transform the lives of citizens especially those at the bottom of the (4)_____ pyramid and make our economy more efficient and competitive. A 2014 McKinsey Global Institute report predicts that the large-scale (5) _____ of technology through Digital India positions India with the biggest opportunity yet to accelerate economic growth.

SubQuestion No : 23

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

Ans

✗ 1. offices

✗ 2. details

✓ 3. processes

✗ 4. hierarchies

Question ID : **26433084843**
Status : **Answered**
Chosen Option : **1**