Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Mancheswar
Exam Date	07/12/2022
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
NTS, JZF, FFS, BLF, ?

Ans
✗ 1. XMO
✗ 2. XMQ
✓ 3. XRS
✗ 4. XSM

Question ID : **264330104808**
Status : **Answered**
Chosen Option : **3**

Q.2 **After arranging the given words according to dictionary order, which word will come at 'Third' position?**
1. Native
2. Nationality
3. Nation
4. National
5. Nationalism

Ans
✗ 1. Nationalism
✗ 2. Nation
✗ 3. National
✓ 4. Nationality

Question ID : **264330104884**
Status : **Answered**
Chosen Option : **1**

Q.3 **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.**
COMPLEX : OCXELPM :: BALANCE : ABECNAL :: AIRLINE : ?

Ans
✓ 1. IAENILR
✗ 2. RAINELI
✗ 3. ELNIIAR
✗ 4. ARLINEI

Question ID : **26433069017**
Status : **Answered**
Chosen Option : **1**

Q.4 **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:
All bikes are cars.
Some cars are trucks.
All trucks are cycles.
Conclusions:
I. Some cars are cycles.
II. Some cycles are trucks.
III. Some bikes are trucks.

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

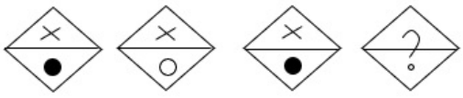
Question ID : **26433070399**
Status : **Answered**
Chosen Option : **3**

Q.5 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

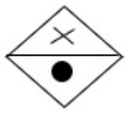
Ans
✗ 1.
✓ 2.
✗ 3.
✗ 4.

Question ID : **26433067826**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the figure that will replace the question mark (?) in the following figure series.



Ans

✗ 1. 

✗ 2.

✓ 3.

✗ 4.

Question ID : **26433069145**
Status : **Answered**
Chosen Option : **3**

Q.7 **Which letter cluster will replace the question mark (?) to complete the given series?**
AZBY, BYCX, CXDW, ?, EVFU

Ans

✓ 1. DWEV

✗ 2. DVEW

✗ 3. DWFV

✗ 4. DVEU

Question ID : **26433059850**
Status : **Answered**
Chosen Option : **1**

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. 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).
(17, 24, 58)
(26, 37, 89)

Ans

✓ 1. (15, 17, 47)

✗ 2. (41, 39, 125)

✗ 3. (10, 20, 44)

✗ 4. (21, 38, 96)

Question ID : **26433074562**
Status : **Answered**
Chosen Option : **1**

Q.9 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '5'.

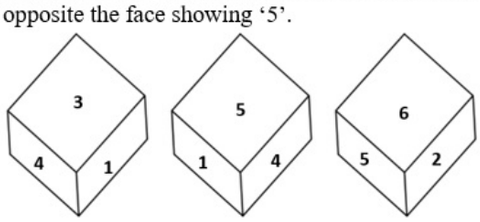


Figure 1 Figure 2 Figure 3

Ans
✗ 1. 4
✓ 2. 3
✗ 3. 6
✗ 4. 1

Question ID : **26433081529**
Status : **Answered**
Chosen Option : **2**

Q.10 **In the following question, select the missing number from the given series.**
480, 240, 120, 60, 30, ?

Ans
✗ 1. 21
✗ 2. 18
✓ 3. 15
✗ 4. 17

Question ID : **264330105021**
Status : **Answered**
Chosen Option : **3**

Q.11 **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.)
(13, 39, 6)

Ans
✓ 1. (12, 48, 8)
✗ 2. (12, 50, 13)
✗ 3. (15, 45, 3)
✗ 4. (20, 28, 8)

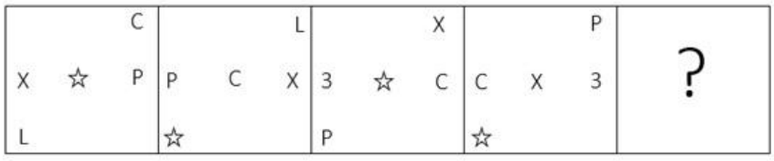
Question ID : **26433069241**
Status : **Answered**
Chosen Option : **1**

Q.12 **Which of the following interchanges of numbers would make the given equation correct?**
7 × 4 ÷ 14 + 12 + 30 = 50

Ans
✗ 1. 12, 14
✓ 2. 7, 14
✗ 3. 4, 7
✗ 4. 30, 50

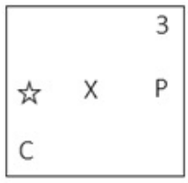
Question ID : **26433069599**
Status : **Answered**
Chosen Option : **2**

Q.13 Which figure should replace the question mark (?) if the series were to be continued?

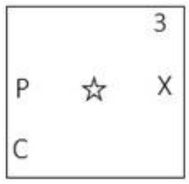


Ans

✗ 1.

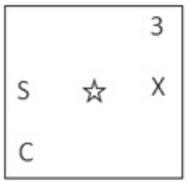


✗ 2.



✗ 3.

✓ 4.



Question ID : **26433076655**
Status : **Answered**
Chosen Option : **1**

Q.14 **In a certain code language, 'CABLES' is written as 'ECDUGN' and 'PHONES' is written as 'RJQUGP'. How will 'MOBILE' be written in that language?**

Ans

✗ 1. DQOKNG

✗ 2. OQDNKG

✗ 3. OQDKNG

✓ 4. OQDGNK

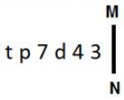
Question ID : **26433066019**
Status : **Not Answered**
Chosen Option : **--**

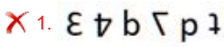
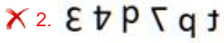
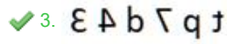
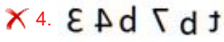
Q.15 **In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.**
Statements:
I. Some table are chair.
II. No chair is stool.
Conclusion:
I. All chair are table.
II. Some chair are stool.
III. All table are stool.

Ans
✗ 1. Only conclusion I follows
✗ 2. All conclusion follows
✗ 3. Both conclusions II and III follows
✓ 4. Neither conclusion follows

Question ID : **264330104928**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the correct mirror image of the given combination when the mirror is placed at line MN as shown.



Ans
✗ 1. 
✗ 2. 
✓ 3. 
✗ 4. 

Question ID : **26433068200**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. 7 + 5 × 2 – 8 ÷ 4 = 36
✓ 2. 95 ÷ 19 + 5 × 3 – 6 = 22
✗ 3. 13 + 4 × 5 – 6 ÷ 2 = 51
✗ 4. 4 × 3 + 6 – 7 ÷ 1 = 18

Question ID : **264330105116**
Status : **Answered**
Chosen Option : **2**

Q.18 **In a certain code language, 'GHOST' is written as 'VVSMM' and 'EATER' is written as 'THXFK'. How will 'HANDS' be written in that language?**

Ans
✓ 1. UGRFN
✗ 2. NFRGV
✗ 3. WHRGN
✗ 4. VGRGN

Question ID : **26433069570**
Status : **Answered**
Chosen Option : **1**

Q.19 **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 sister of R?**

Ans

✗ 1. P + Q × R

✓ 2. P ÷ Q × R

✗ 3. P × Q ÷ R

✗ 4. P ÷ Q + R

Question ID : **264330105001**
Status : **Answered**
Chosen Option : **2**

Q.20 **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. 16 – 30

✓ 2. 44 – 84

✗ 3. 14 – 26

✗ 4. 18 – 34

Question ID : **264330105061**
Status : **Answered**
Chosen Option : **2**

Q.21 **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. 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)
(45, 15, 120)
(27, 8, 76)

Ans

✗ 1. (72, 58, 84)

✗ 2. (30, 12, 80)

✗ 3. (23, 14, 38)

✓ 4. (56, 48, 32)

Question ID : **26433082546**
Status : **Answered**
Chosen Option : **4**

Q.22 **After interchanging the given two numbers and two signs what will be the values of equation (I) and (II) respectively?**
+ and –, 6 and 9
I. 6 – 5 × 9 + 8 ÷ 2
II. 6 – 4 + 9 × 5 ÷ 3

Ans

✗ 1. 17, 5

✗ 2. 81, 16

✓ 3. 35, 3

✗ 4. 54, 5

Question ID : **264330105158**
Status : **Answered**
Chosen Option : **3**

Q.23 **Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)**

Dog : Kennel

Ans

✔ 1. Bee : Hive

✘ 2. Hare : Den

✘ 3. Lion : Burrow

✘ 4. Spider : Shed

Question ID : **26433068338**
Status : **Answered**
Chosen Option : **1**

Q.24 **A $ B means 'A is the husband of B'**
A @ B means 'A is the daughter of B'
A # B means 'A is the father of B'
A * B means 'A is the mother of B'
If X @ Y $ J * M, then how is X related to M?

Ans

✘ 1. Brother

✘ 2. Sister-in-law

✔ 3. Sister

✘ 4. Grandmother

Question ID : **26433068070**
Status : **Answered**
Chosen Option : **3**

Q.25 **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. FKA

✔ 2. CJZ

✘ 3. PUK

✘ 4. CHX

Question ID : **26433081505**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 **Who among the following is a famous performer of the Kathakali classical dance?**

Ans

✘ 1. Pankaj Charan Das

✘ 2. Sunanda Nayar

✔ 3. Gopinath

✘ 4. Raja Reddy

Question ID : **26433064384**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Who was appointed the Lieutenant Governor of Delhi in May 2022?**

Ans
- ✗ 1. Vivek Kumar
- ✗ 2. Arvind Krishna
- ✓ 3. Vinai Kumar Saxena
- ✗ 4. Vijay Shekar Sharma

Question ID : **264330105330**
Status : **Answered**
Chosen Option : **3**

Q.3 **What powers the Earth's internal heat engine?**

Ans
- ✗ 1. Solar Energy
- ✗ 2. Volcanoes
- ✓ 3. Radioactive energy
- ✗ 4. Tides

Question ID : **26433064462**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Which of the following has unit m/s^2?**

Ans
- ✗ 1. Speed
- ✗ 2. Distance
- ✓ 3. Acceleration
- ✗ 4. Velocity

Question ID : **264330105462**
Status : **Answered**
Chosen Option : **3**

Q.5 **Shovana Narayan was awarded which of the following awards in 2013?**

Ans
- ✓ 1. Guru Deba Prasad
- ✗ 2. Sangam Kala
- ✗ 3. Kalidas Samman
- ✗ 4. Bharat Muni Samman

Question ID : **26433090712**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **Medisep is a unique and comprehensive social insurance scheme. This scheme was implemented by which state government?**

Ans
- ✗ 1. Karnataka
- ✗ 2. Chhattisgarh
- ✓ 3. Kerala
- ✗ 4. Rajasthan

Question ID : **264330105313**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Which of the following is a unit of distance?**

Ans
- ✗ 1. Newton
- ✗ 2. Watt
- ✓ 3. Light year
- ✗ 4. Joule

Question ID : **26433066455**
Status : **Answered**
Chosen Option : **3**

Q.8 **Rajaraja I and Rajendra I belonged to the _____ dynasty.**

Ans
- ✓ 1. Chola
- ✗ 2. Pallava
- ✗ 3. Pandya
- ✗ 4. Chalukya

Question ID : **26433091455**
Status : **Answered**
Chosen Option : **1**

Q.9 **The abbreviation "CPCL" is associated with the petroleum industry in India. Expand "CPCL":**

Ans
- ✗ 1. Central Petroleum Corporation Limited
- ✗ 2. Coimbatore Petroleum Corporation Limited
- ✓ 3. Chennai Petroleum Corporation Limited
- ✗ 4. Corporation of Petroleum and Chemicals Limited

Question ID : **26433089212**
Status : **Answered**
Chosen Option : **4**

Q.10 **Which law, that was proposed in 1811, predicted that the same volume of gases at the same temperature and pressure would have the same number of molecules?**

Ans
- ✗ 1. Dalton's law
- ✗ 2. Gay-Lussac's law
- ✓ 3. Avogadro's law
- ✗ 4. Charles' law

Question ID : **26433064085**
Status : **Answered**
Chosen Option : **4**

Q.11 **Which of the following dynasty was not the part of "tripartite struggle", which fought for centuries to control over one particularly prized area Kanauj?**

Ans
- ✓ 1. Kadamba
- ✗ 2. Rashtrakuta
- ✗ 3. Pala
- ✗ 4. Gurjara-Pratihara

Question ID : **264330105409**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Which is the most popular coal in commercial use?

Ans
- ✔ 1. Bituminous
- ✘ 2. Anthracite
- ✘ 3. Peat
- ✘ 4. Lignite

Question ID : **264330105505**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which of the following countries will be hosting the first edition of ICC Women's Under-19 Cricket World Cup in 2023?

Ans
- ✘ 1. India
- ✔ 2. South Africa
- ✘ 3. Bangladesh
- ✘ 4. England

Question ID : **26433059406**
Status : **Answered**
Chosen Option : **2**

Q.14 Mariana trench is located in which ocean?

Ans
- ✘ 1. Arctic ocean
- ✔ 2. Pacific ocean
- ✘ 3. Atlantic ocean
- ✘ 4. Southern ocean

Question ID : **264330105625**
Status : **Not Answered**
Chosen Option : **--**

Q.15 What is the minimum quorum required in the Lok Sabha so that it can transact any business?

Ans
- ✔ 1. One-tenth of the total number of Members of the House
- ✘ 2. One-fourth of the total number of Members of the House
- ✘ 3. One-third of the total number of Members of the House
- ✘ 4. One-fifth of the total number of Members of the House

Question ID : **26433072918**
Status : **Answered**
Chosen Option : **3**

Q.16 Savings deposits with Post Office savings banks are included in which measure of money supply?

Ans
- ✘ 1. M1
- ✘ 2. M4
- ✔ 3. M2
- ✘ 4. M3

Question ID : **264330105381**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **In which of the following Olympic games did India NOT win Gold?**

Ans

✗ 1. 1948

✗ 2. 1928

✗ 3. 1932

✓ 4. 1960

Question ID : **26433071543**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **In which of the following years was the voting age reduced from 21 years to 18 years?**

Ans

✗ 1. 1990

✗ 2. 1992

✓ 3. 1988

✗ 4. 1989

Question ID : **26433074891**
Status : **Answered**
Chosen Option : **2**

Q.19 **Which sector was given the main emphasis in the second Five-Year Plan?**

Ans

✗ 1. Transport

✗ 2. Agriculture

✗ 3. Trade

✓ 4. Industry

Question ID : **26433065446**
Status : **Answered**
Chosen Option : **4**

Q.20 **Which Indian tabla virtuoso and musician won the 'Best Contemporary World Music Album' Grammy award for 'Global Drum Project'?**

Ans

✗ 1. Pandit Sandeep Das

✗ 2. Ustad Alla Rakha

✓ 3. Ustad Zakir Hussain

✗ 4. Pandit Anindo Chatterjee

Question ID : **26433071527**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Who has been appointed as the new Attorney General of India by President Droupadi Murmu for a period of three years?**

Ans

✗ 1. Shehan Karunatilaka

✗ 2. Dhananjaya Yashwant Chandrachud

✗ 3. Rishi Sunak

✓ 4. R. Venkataramani

Question ID : **264330105218**
Status : **Answered**
Chosen Option : **4**

Q.22 **In leaves transpiration takes place through _____.**

Ans

✔ 1. Stomata

✘ 2. Cork cell

✘ 3. Epidermal cell

✘ 4. Guard cells

Question ID : **264330105456**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **Who was recognised as 'Asthana Nartaki' (resident dancer) of the Tirumala Tirupati Devasthanam for her contribution in the development and promotion of the Indian classical dance forms?**

Ans

✘ 1. Rukmini Devi

✘ 2. Ragini Devi

✔ 3. Yamini Krishnamurthy

✘ 4. Uma Sharma

Question ID : **26433092378**
Status : **Not Answered**
Chosen Option : **--**

Q.24 **Manimekalai describes the story of which of the following?**

Ans

✔ 1. Kovalan and Madhavi's Daughter

✘ 2. Kovalan's wife Madhavi

✘ 3. Kovalan's first wife Kannagi

✘ 4. Kovalan and Madhavi's Son

Question ID : **264330105205**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **"A History of British India" is a work Published by _____.**

Ans

✘ 1. Lord Canning

✘ 2. Lord Dalhousie

✔ 3. James Mill

✘ 4. Warren Hastings

Question ID : **264330105541**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 In △XYZ, ∠X=90°, YZ= 15 cm, and XZ = 12 cm. Then find Cos Y.

Ans

✗ 1. $\frac{2}{5}$

✗ 2. $\frac{4}{5}$

✓ 3. $\frac{3}{5}$

✗ 4. $\frac{3}{4}$

Question ID : **26433085502**
Status : **Answered**
Chosen Option : **3**

Q.2 What is the LCM of $(8x^3 + 80x^2 + 200x)$ and $(4x^4 + 16x^3 - 20x^2)$?

Ans

✓ 1. $8x^2(x+5)^2(x-1)$

✗ 2. $8x^2(x-1)^2(x+5)$

✗ 3. $4x^2(x-1)^2(x+5)$

✗ 4. $4x^2(x+5)^2(x-1)$

Question ID : **26433080082**
Status : **Answered**
Chosen Option : **4**

Q.3 25 men and 45 women can complete a piece of work in 15 days, while 15 men and 60 women can complete it in 20 days. In how many days can 69 men and 67 women complete the work?

Ans

✗ 1. 10

✗ 2. 5

✗ 3. 8

✓ 4. 6

Question ID : **26433075298**
Status : **Answered**
Chosen Option : **4**

Q.4 In a 1500 m race, if vehicle P gives vehicle Q a start of 200 m, then vehicle P wins the race by 8 sec. Alternatively, if vehicle P gives vehicle Q a start of 400 m, the race ends in a dead heat. How long does vehicle P take to run 1500 m?

Ans

✓ 1. 44 sec

✗ 2. 45 sec

✗ 3. 40 sec

✗ 4. 60 sec

Question ID : **26433072975**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **If tan A – tan B – tan C = tan A tan B tan C, what is the value of A in terms of B and C?**

Ans
✔ 1. $A = B + C$

✘ 2. $A = 2B - 2C$

✘ 3. $A = B - C$

✘ 4. $A = \frac{B - C}{2}$

Question ID : **26433061940**
Status : **Answered**
Chosen Option : **1**

Q.6 **The table given below shows the budget allocation for education in five states in a year.**

States	Budget allocation
J	325
K	175
L	350
M	525
N	635

The budget allocation for education in state K is what percent of the budget allocation for education in state L?

Ans
✘ 1. 150 percent

✘ 2. 55 percent

✘ 3. 45 percent

✔ 4. 50 percent

Question ID : **264330105747**
Status : **Answered**
Chosen Option : **4**

Q.7 **If the diameter of a hemisphere is 35 cm, then what is the volume of hemisphere?**

Ans
✔ 1. 11229.17 cm^3

✘ 2. 15248.46 cm^3

✘ 3. 17428.33 cm^3

✘ 4. 9478.26 cm^3

Question ID : **264330105849**
Status : **Answered**
Chosen Option : **1**

Q.8 **Wheat worth Rs.80 per kg and Rs.50 per kg is mixed with a third variety in the ratio 1:2:3 . If the mixture is worth Rs.75 per kg, then the price of the third variety per kg will be equal to:**

Ans
✘ 1. Rs.95

✘ 2. Rs.85

✘ 3. Rs.80

✔ 4. Rs.90

Question ID : **26433061133**
Status : **Answered**
Chosen Option : **4**

Q.9 **The mean proportional of 6 and 54 is _____ more than 15.**

Ans

✔ 1. 3

✗ 2. 6

✗ 3. 4

✗ 4. 5

Question ID : **26433066175**
Status : **Answered**
Chosen Option : **1**

Q.10 **The initial profit percentage on the sale of an item was 55%.If the cost price of the item went up by 24% but the selling price remained the same, what would be the new profit percentage?**

Ans

✗ 1. 36%

✔ 2. 25%

✗ 3. 28%

✗ 4. 33%

Question ID : **26433066301**
Status : **Answered**
Chosen Option : **2**

Q.11 The given table shows the consumption of grains in terms of kilograms of a small village per day over the given set of years. Study the table and answer the question that follows.

Year	Rice	Wheat	Maize	Barley
1998-2000	181	50	35	26
2003-2005	167	44	39	17
2008-2010	169	38	49	25
2013-2015	150	45	51	21
2018-2020	147	54	63	24

For wheat grains, for the given set of years, the highest consumption is approximately how much per cent of that of all grains consumption per day in such a set of years?

Ans

✗ 1. 13.52%

✔ 2. 18.75%

✗ 3. 15.32%

✗ 4. 17.85%

Question ID : **26433085492**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Steel is used to make a hemispherical bowl that is 0.37 cm thick. The bowl's inner radius is 6 cm. Find the bowl's outside curved surface area (take $\pi = \frac{22}{7}$).

Ans

✗ 1. $532\ cm^2$

✔ 2. $255.0548\ cm^2$

✗ 3. $484\ cm^2$

✗ 4. $523.4107\ cm^2$

Question ID : **26433065307**
Status : **Answered**
Chosen Option : **2**

Q.13 $if\ tan^2\alpha = 3 + Q^2,\ \text{then}\ sec\,\alpha + tan^3\alpha\ cosec\,\alpha = ?$

Ans
1. $(3+Q^2)^{\frac{3}{2}}$
2. $(7+Q^2)^{\frac{3}{2}}$
3. $(5-Q^2)^{\frac{3}{2}}$
4. $(4+Q^2)^{\frac{3}{2}}$

Question ID : **26433066338**
Status : **Answered**
Chosen Option : **4**

Q.14 **The height of an equilateral triangle is $9\sqrt{3}$ cm . What is the area of this equilateral triangle?**

Ans
1. $92\sqrt{3}\ cm^2$
2. $67\sqrt{3}\ cm^2$
3. $49\sqrt{3}\ cm^2$
4. $81\sqrt{3}\ cm^2$

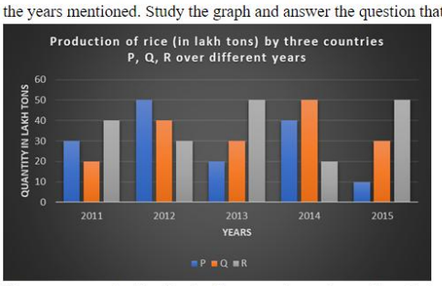
Question ID : **264330105829**
Status : **Answered**
Chosen Option : **4**

Q.15 **If the angles of a triangle are in the ratio of 1 : 2 : 3, what is the type of such triangle?**

Ans
1. Isosceles triangle
2. Equilateral triangle
3. Right-angle triangle
4. Obtuse- angle triangle

Question ID : **26433071272**
Status : **Answered**
Chosen Option : **3**

Q.16 The given bar graph shows the data of the production of rice (in lakh tons) by three different countries P, Q and R over the years mentioned. Study the graph and answer the question that follows.



The average production for the five years is maximum for which country?

Ans
✗ 1. Only Q
✗ 2. P and Q
✗ 3. P and R
✓ 4. Only R

Question ID : **26433076086**
Status : **Answered**
Chosen Option : **4**

Q.17 **A person lent certain sum of money at the annual rate of 7 percent on simple interest and the interest received in 11 years is Rs. 920 less than the sum lent. What is the sum lent?**

Ans
✗ 1. Rs. 41200
✓ 2. Rs. 4000
✗ 3. Rs. 52000
✗ 4. Rs. 2400

Question ID : **264330105670**
Status : **Answered**
Chosen Option : **2**

Q.18 Simplify the following equation. What is the difference between the two values of x?

$$7x + 4\{x^2 \div (5x \div 10)\} - 3\left\{5\frac{1}{3} - x^3 \div (3x^2 \div x)\right\} = 0$$

Ans
✗ 1. 8
✗ 2. 16
✗ 3. 5
✓ 4. 17

Question ID : **26433082790**
Status : **Answered**
Chosen Option : **4**

Q.19 **If a number K = 42 × 25 × 54 × 135 is divisible by 3^a, then find the maximum value of a.**

Ans
✗ 1. 6
✓ 2. 7
✗ 3. 4
✗ 4. 5

Question ID : **26433075715**
Status : **Answered**
Chosen Option : **2**

Q.20 If $x^2 + y^2 + 2y + 4x + 5 = 0$, then $\frac{x+y}{x-y} =$ _____.

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

Question ID : **26433091950**
Status : **Answered**
Chosen Option : **4**

Q.21 **A mask manufacturing company manufactured 'X' number of masks in 2018. It increased its manufacturing capacity by 30% in 2019 and further increased its manufacturing by 15% in 2020. In 2021, due to the machinery breakdown, its manufacturing declined by 40%. What is the value of 'X' if it manufactured 179400 masks in 2021?**

Ans
✗ 1. 180000
✗ 2. 230000
✓ 3. 200000
✗ 4. 210000

Question ID : **26433061454**
Status : **Answered**
Chosen Option : **3**

Q.22 The value of $\frac{(x-y)^3+(y-z)^3+(z-x)^3}{6(x-y)(y-z)(z-x)}$, where $x \neq y \neq z$, is equal to:

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

Question ID : **26433074494**
Status : **Answered**
Chosen Option : **2**

Q.23 **The table given below shows the number of toys manufactured by five factories.**

Factory	Toys
F1	250
F2	450
F3	350
F4	150
F5	550

Number of toys manufactured by F2 are what percent of the number of toys manufactured by F4?

Ans
✗ 1. 200 percent
✗ 2. 100 percent
✓ 3. 300 percent
✗ 4. 50 percent

Question ID : **264330105714**
Status : **Answered**
Chosen Option : **3**

Q.24 **In a shop, a discount of 5 percent is provided, and if the total payable amount after discount is more than ₹2,000, then an additional discount of 10 percent is provided. Determine the final amount to be paid (in ₹) by a customer, if he buys five products each of price ₹500.**

Ans
✗ 1. ₹2,500
✗ 2. ₹2,225.5
✗ 3. ₹2,375.5
✓ 4. ₹2,137.5

Question ID : **26433076006**
Status : **Answered**
Chosen Option : **4**

Q.25 **If the circumference of a circle is 220 cm, then what is its radius?**

Ans
✗ 1. 26 cm
✗ 2. 25 cm
✓ 3. 35 cm
✗ 4. 40 cm

Question ID : **264330105842**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 **Select the correct direct form of the given sentence.**
She said that she could not believe him.

Ans
✗ 1. She said, “You cannot believe him.”
✗ 2. She said, “I may not believe him.”
✓ 3. She said, “I cannot believe him.”
✗ 4. She says, “I could not believed him.”

Question ID : **264330104638**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the most appropriate synonym of the underlined word in the given sentence.**

The next move of the opponent was <u>anticipated</u> by the team.

Ans
✗ 1. Forgotten
✓ 2. Predicted
✗ 3. Suspected
✗ 4. Dreaded

Question ID : **26433071963**
Status : **Answered**
Chosen Option : **2**

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

Akshay always gives _____ to Johana for his success.

Ans
✗ 1. blame
✗ 2. chance
✗ 3. opportunity
✓ 4. credit

Question ID : **26433073564**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the most appropriate synonym of the underlined word in the following sentence.**
The way Sheetal <u>imparts</u> knowledge to her students is really praiseworthy.

Ans
✗ 1. discloses
✓ 2. transmits
✗ 3. exposes
✗ 4. admits

Question ID : **26433066414**
Status : **Answered**
Chosen Option : **3**

Q.5 **Select the most appropriate meaning of the underlined idiom in the given sentence.**
Nobody in the conference seemed to believe the <u>cock and bull story</u> about such a major movie star.

Ans
✗ 1. Factual story
✓ 2. Wildly exaggerated or falsified story
✗ 3. Interesting story
✗ 4. Secretive story

Question ID : **26433061577**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the sentences that contains no spelling errors.**

Ans
✓ 1. My mother asked me to purchase two bread knives having serrated edges.
✗ 2. My mother asked me to purchase two bread knives having seerated edges.
✗ 3. My mother asked me to purchase two bread knives having serratted edges.
✗ 4. My mother asked me to purchase two bread knives having serated edges.

Question ID : **26433070694**
Status : **Answered**
Chosen Option : **4**

Q.7 **Select the option that can be used as a one-word substitute for the given group of words**

Allowance given to a wife from her husband on separation

Ans
✗ 1. Allegory
✓ 2. Alimony
✗ 3. Affidavit
✗ 4. Advocacy

Question ID : **26433070704**
Status : **Answered**
Chosen Option : **2**

Q.8 **Select the option that expresses the given sentence in passive voice.**

The secretary was noting down the dictation.

Ans
✗ 1. The secretary noted the dictation.
✗ 2. The dictation was noted down by the secretary.
✗ 3. The notes were noted by the secretary.
✓ 4. The dictation was being noted down by the secretary.

Question ID : **26433088945**
Status : **Answered**
Chosen Option : **4**

Q.9 **Fill in the blank with the correct collocation.**

Holm, a Danish traveller, had made a/an _____ replica of the tablet, which in 1908 was deposited in the Metropolitan Museum of Art, New York.

Ans
✗ 1. wild
✗ 2. obscure
✗ 3. corrupt
✓ 4. exact

Question ID : **26433090504**
Status : **Answered**
Chosen Option : **4**

Q.10 **Rectify the sentence by selecting the correct spelling of the underlined word.**

She is a <u>nuisanse</u> to her family.

Ans
✗ 1. nuisince
✗ 2. niusance
✗ 3. newsance
✓ 4. nuisance

Question ID : **26433065145**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the most appropriate synonym of the bracketed words to fill in the blank.**

The lights _____ (lighting up) the artwork on the walls of the museum were looking beautiful.

Ans

✗ 1. enlightening

✓ 2. illuminating

✗ 3. trafficking

✗ 4. mesmerising

Question ID : **26433071820**
Status : **Answered**
Chosen Option : **2**

Q.12 **Select the most appropriate meaning of the underlined idiom that can be substituted in the following sentence.**

The game is now <u>in full swing</u>.

Ans

✗ 1. very passive

✗ 2. very uninteresting

✗ 3. playing on the swings

✓ 4. very active

Question ID : **26433072229**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the most appropriate ANTONYM of the highlighted word in the following sentence.**

The managing director produced cogent reasons for the change in HR policies.

Ans

✗ 1. Compelling

✓ 2. Unconvincing

✗ 3. Pertinent

✗ 4. Unexpected

Question ID : **26433065224**
Status : **Answered**
Chosen Option : **2**

Q.14 **Rearrange the parts of the sentence in correct order.**
Thorium has
P. and is part of a nuclear programme in India
Q. of nuclear reactor in countries including
R. been tested as a fuel in other types
S. the United States, Germany and the United Kingdom,

Ans

✓ 1. RQSP

✗ 2. RPQS

✗ 3. PSQR

✗ 4. SPQR

Question ID : **264330104686**
Status : **Answered**
Chosen Option : **1**

Q.15 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
You must / be hurry, / otherwise you will / miss the train.

Ans

✗ 1. miss the train.

✓ 2. be hurry,

✗ 3. You must

✗ 4. otherwise you will

Question ID : **26433086306**
Status : **Answered**
Chosen Option : **2**

Q.16 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

The boy had run away / because he couldn't stand / his father beat him / for one more day.

Ans

✓ 1. his father beat him

✗ 2. because he couldn't stand

✗ 3. The boy had run away

✗ 4. for one more day

Question ID : **26433088159**
Status : **Answered**
Chosen Option : **1**

Q.17 **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. Poor posture may strain neck muscles, whether you're leaning over your computer or hunching over your workstation.
B. However, neck pain may occasionally be an indication of a more serious issue.
C. Neck pain is a frequent problem among many people these days.
D. If your neck pain is accompanied by numbness or lack of strength in your arms or hands, or if you experience shooting pain into your shoulder or down your arm, you should seek medical attention.

Ans

✗ 1. CADB

✓ 2. CABD

✗ 3. BDCA

✗ 4. ABDC

Question ID : **26433093052**
Status : **Answered**
Chosen Option : **1**

Q.18 **Select the correct active form of the given sentence.**
Football tournament was being avoided by his son.

Ans

✗ 1. His son is avoiding football tournament.

✓ 2. His son was avoiding football tournament.

✗ 3. His son avoided football tournament.

✗ 4. His son avoids football tournament.

Question ID : **264330104589**
Status : **Answered**
Chosen Option : **2**

Q.19 **Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.**

She lived in <u>well-resourced</u> surroundings.

Ans

✔ 1. luxurious

✘ 2. luxuriousness

✘ 3. luxury

✘ 4. No substitute

Question ID : **26433073901**
Status : **Answered**
Chosen Option : **1**

Q.20 **Rearrange the parts of the sentence in correct order.**
The Google doodle
P. with a cup of green tea, beaker and
Q. Tsujimura working in her laboratory
R. some green tea leaves by the side
S. features a graphical representation of

Ans

✘ 1. RSPQ

✘ 2. PQSR

✘ 3. RPQS

✔ 4. SQPR

Question ID : **264330104688**
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.
One's options in this world are as (1) _____ as the horizon, which is technically a circle and thus (2) _____ broad. Yet we must choose each step we take with (3) _____ caution, for the footprints we leave (4) _____ are as important as the (5) _____ we will follow. They're part of the same journey: our story.

SubQuestion No : 21

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

Ans

✘ 1. narrow

✘ 2. slight

✘ 3. contracted

✔ 4. vast

Question ID : **26433084944**
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.
One's options in this world are as (1) _____ as the horizon, which is technically a circle and thus (2) _____ broad. Yet we must choose each step we take with (3) _____ caution, for the footprints we leave (4) _____ are as important as the (5) _____ we will follow. They're part of the same journey: our story.

SubQuestion No : 22

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

Ans

✗ 1. rigorously

✗ 2. severely

✗ 3. strictly

✓ 4. infinitely

Question ID : **26433084945**
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.
One's options in this world are as (1) _____ as the horizon, which is technically a circle and thus (2) _____ broad. Yet we must choose each step we take with (3) _____ caution, for the footprints we leave (4) _____ are as important as the (5) _____ we will follow. They're part of the same journey: our story.

SubQuestion No : 23

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

Ans

✓ 1. utmost

✗ 2. slack

✗ 3. unmindful

✗ 4. inattentive

Question ID : **26433084946**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
One's options in this world are as (1) _____ as the horizon, which is technically a circle and thus (2) _____ broad. Yet we must choose each step we take with (3) _____ caution, for the footprints we leave (4) _____ are as important as the (5) _____ we will follow. They're part of the same journey: our story.

SubQuestion No : 24

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

Ans

✗ 1. discarded

✗ 2. surplus

✓ 3. behind

✗ 4. excessive

Question ID : **26433084947**
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.
One's options in this world are as (1) _____ as the horizon, which is technically a circle and thus (2) _____ broad. Yet we must choose each step we take with (3) _____ caution, for the footprints we leave (4) _____ are as important as the (5) _____ we will follow. They're part of the same journey: our story.

SubQuestion No : 25

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

Ans

✗ 1. approach

✓ 2. path

✗ 3. manner

✗ 4. custom

Question ID : **26433084948**
Status : **Answered**
Chosen Option : **2**