Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 1 Sector 62
Exam Date	06/12/2022
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
REV, UXD, XQL, AJT, ?

Ans

✗ 1. DMR

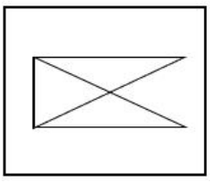
✗ 2. DRM

✗ 3. RMQ

✓ 4. DCB

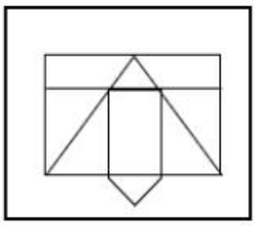
Question ID : **264330104795**
Status : **Answered**
Chosen Option : **4**

Q.2 Select the option in which the given figure is embedded (rotation is NOT allowed).

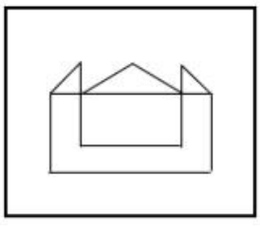


Ans

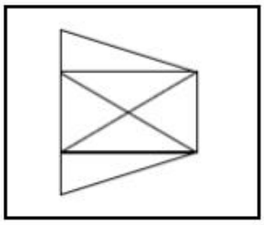
✗ 1.



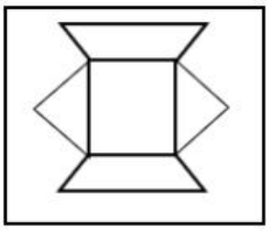
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433068617**
Status : **Answered**
Chosen Option : **3**

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.**
OILS : UNLS :: PAIN : PKDT :: QUIK : ?

Ans

✗ 1. MLXU

✗ 2. MKXV

✗ 3. MLYV

✓ 4. MKXU

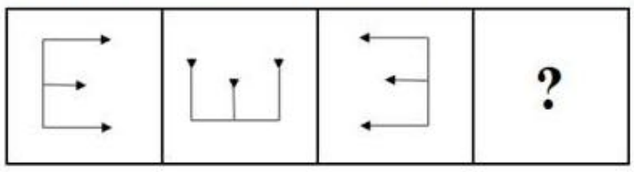
Question ID : **26433056194**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

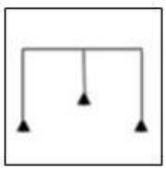
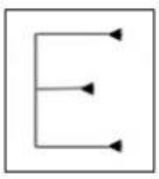
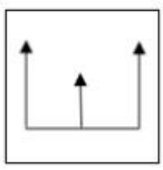
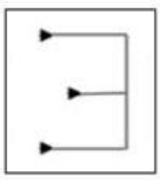
Q.4 **Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**
Statements:
All javascript are binary.
All binary are minecraft.
All roblox are minecraft.
Conclusions:
I. Some javascript are roblox.
II. Some javascript are minecraft.
III. All javascript are minecraft.

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

Question ID : **26433068645**
Status : **Answered**
Chosen Option : **4**

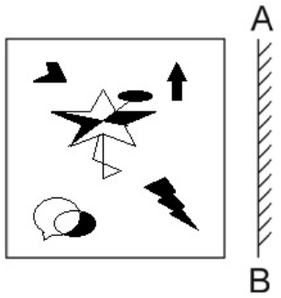
Q.5 Select the figure that will come next in the following series.



Ans
✓ 1.

✗ 2.

✗ 3.

✗ 4.


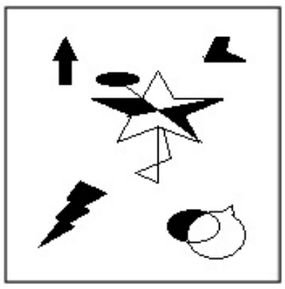
Question ID : **26433078976**
Status : **Answered**
Chosen Option : **1**

Q.6 Select the correct mirror image of the given figure when the mirror is placed at AB as shown.

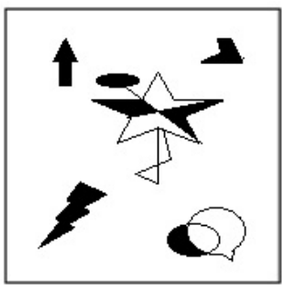


Ans

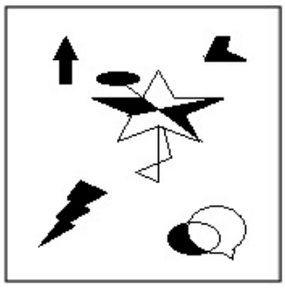
✗ 1.



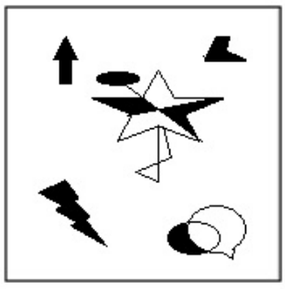
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433070442**
Status : **Answered**
Chosen Option : **3**

Q.7 **Which letter cluster will replace the question mark (?) to complete the given series?**
ZUPK, YTOJ, ?, WRMH, VQLG

Ans
✔ 1. XSNI
✘ 2. XSMI
✘ 3. XSNJ
✘ 4. XTNI

Question ID : **26433059853**
Status : **Answered**
Chosen Option : **1**

Q.8 **Which of the following interchange of numbers and signs would make the given equation correct?**
10 − 4 ÷ 20 + 16 × 8 = 16

Ans
✘ 1. 10 and 16, × and ÷
✔ 2. 4 and 8, × and−
✘ 3. 4 and 20, + and ÷
✘ 4. 10 and 20, + and ×

Question ID : **26433087051**
Status : **Marked For Review**
Chosen Option : **3**

Q.9 **Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.**
47 : 9 :: ? : 14 :: 92 : 18

Ans
✔ 1. 72
✘ 2. 73
✘ 3. 37
✘ 4. 27

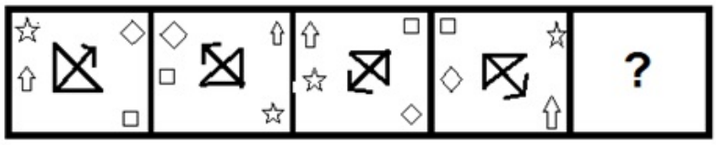
Question ID : **26433059938**
Status : **Answered**
Chosen Option : **1**

Q.10 **If '+' means '÷', '–' means '+', '×' means '–' and '÷' means '×', what will be the value of the following expression?**
[{(32 × 20) - (2 ÷ 3)} + (2 - 4)] ÷ 3

Ans
✘ 1. 8
✘ 2. 10
✔ 3. 9
✘ 4. 6

Question ID : **26433067863**
Status : **Answered**
Chosen Option : **3**

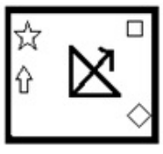
Q.11 Select the figure that will come next in the following figure series.



Ans

✔ 1.

✘ 2.

✘ 3. 

✘ 4.

Question ID : **26433068975**
Status : **Answered**
Chosen Option : **1**

Q.12 **Which number will replace the question mark (?) in the following series?**
27, 29, ?, 182, 730, 3652

Ans
✘ 1. 58
✘ 2. 110
✘ 3. 122
✔ 4. 60

Question ID : **26433068966**
Status : **Answered**
Chosen Option : **4**

Q.13 **By Interchanging the given two numbers which of the following equation will be correct?**
1 and 7

Ans
✘ 1. 7 × 2 + 1 – 5 = 6
✘ 2. 1 × 2 – 7 + 8 ÷ 2 = 16
✔ 3. 7 + 1 × 2 – 6 ÷ 3 = 13
✘ 4. 7 + 6 ÷ 3 – 5 × 1 = – 10

Question ID : **264330105100**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the set in which the numbers are NOT 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)
(16, 7, 112)

Ans
✗ 1. (18, 3, 54)
✗ 2. (14, 5, 70)
✗ 3. (22, 7, 154)
✓ 4. (26, 5, 132)

Question ID : **26433068343**
Status : **Answered**
Chosen Option : **4**

Q.15 **'A @ B' means 'A is the husband of B'.**
'A & B' means 'A is the mother of B'.
'A # B' means 'B is the daughter of A'.
If D # E # F & G @ H # I, then how is G related to E?

Ans
✗ 1. Daughter
✗ 2. Son
✗ 3. Father
✓ 4. Daughter's son

Question ID : **26433068458**
Status : **Answered**
Chosen Option : **4**

Q.16 **If A + B means that A is the father of B, A –B means that A is the mother of B, A × B means that A is the brother of B then which of the following expression shows that Q is the son of P?**

Ans
✗ 1. P – R × Q
✗ 2. Q – P × R
✗ 3. P – Q + R
✓ 4. P – Q × R

Question ID : **264330104985**
Status : **Answered**
Chosen Option : **3**

Q.17 **After arranging the given words according to dictionary order, which word will come at 'Third' position?**
1. Oblivion
2. Oblique
3. Oblige
4. Oblate
5. Oblong

Ans
✗ 1. Oblate
✓ 2. Oblique
✗ 3. Oblige
✗ 4. Oblivion

Question ID : **264330104885**
Status : **Answered**
Chosen Option : **2**

Q.18 **Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.**

Ans
1. IJM
2. ABE
3. XYA
4. EFI

Question ID : **26433069009**
Status : **Answered**
Chosen Option : **3**

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. 20 – 406
2. 14 – 200
3. 10 – 106
4. 12 – 150

Question ID : **264330105090**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

Ans
1. Track
2. Field
3. Court
4. Pool

Question ID : **26433067805**
Status : **Answered**
Chosen Option : **3**

Q.21 **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.**
12 : 120 :: 20 : 360 :: 3 : ?

Ans
1. 15
2. 32
3. 7
4. 3

Question ID : **26433067653**
Status : **Answered**
Chosen Option : **4**

Q.22 **In a certain code language, 'GLAND' is written as 'GQDOJ' and 'MEANS' is written as 'VQDHP'. How will 'CYSTS' be written in that language?**

Ans

✗ 1. VWVCF

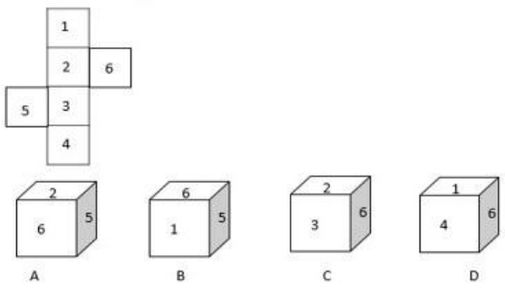
✗ 2. FBVWV

✗ 3. UVUAE

✓ 4. VWVBF

Question ID : **26433067326**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the cubethat can be formed by folding the given sheet along the lines.



Ans

✗ 1. Only D

✗ 2. Only A and C

✓ 3. Only C and D

✗ 4. Only B

Question ID : **26433070356**
Status : **Answered**
Chosen Option : **3**

Q.24 **In a certain code language, 'birds are flying' is coded as '536', 'the nest is big' is coded as '3423' and 'close the door' is coded as '534'. How will 'complete your work' be coded in that language?**

Ans

✓ 1. 844

✗ 2. 484

✗ 3. 733

✗ 4. 955

Question ID : **26433067776**
Status : **Answered**
Chosen Option : **4**

Q.25 **In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.**
Statements:
I. No A is D.
II. All D are E.
Conclusions:
I. No D is A.
II. Some E are D.

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

Question ID : **264330104927**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 **What is the difference in the number of years between the summer and winter Olympic events?**

Ans
✗ 1. 1
✓ 2. 2
✗ 3. 4
✗ 4. 3

Question ID : **26433071538**
Status : **Answered**
Chosen Option : **2**

Q.2 **Battle of Plassey was fought between English company and Nawab of Bengal in which year?**

Ans
✗ 1. 1750
✓ 2. 1757
✗ 3. 1850
✗ 4. 1857

Question ID : **264330105555**
Status : **Answered**
Chosen Option : **2**

Q.3 **Which of the following countries hosted the 2022 Asian Wresting Championships where Ravi Dahiya became the first Indian freestyle wrestler to win a hat-trick of gold medals?**

Ans
✗ 1. Almaty, Kazakhstan
✗ 2. New Delhi, India
✓ 3. Ulaanbaatar, Mongolia
✗ 4. Xi'an, China

Question ID : **26433059407**
Status : **Answered**
Chosen Option : **3**

Q.4 **In April 2022, 'SVANidhi se Samriddhi' program was launched in additional 126 cities. This program provides _____.**

Ans
✗ 1. insurance cover
✗ 2. scholarships to students
✗ 3. hospital facilities
✓ 4. social security benefits

Question ID : **264330105309**
Status : **Marked For Review**
Chosen Option : **4**

Q.5 **In which of the following state of India, coniferous trees are found?**

Ans
✓ 1. Uttarakhand
✗ 2. Bihar
✗ 3. Uttar Pradesh
✗ 4. Madhya Pradesh

Question ID : **264330105600**
Status : **Answered**
Chosen Option : **1**

Q.6 **Which of the following is natural acid-base indicator?**
I. Litmus
II. Turmeric

Ans
✗ 1. Only II
✗ 2. Only I
✗ 3. Neither I nor II
✓ 4. Both I and II

Question ID : **264330105478**
Status : **Answered**
Chosen Option : **1**

Q.7 **Which of the following objectives of NAMASTE scheme launched by the centre in August 2022 is correct?**
I. Zero fatalities in sanitation work in India
II. Sanitation workers are collectivized into SHGs and are empowered to run sanitation enterprises

Ans
✓ 1. Both I and II
✗ 2. Only II
✗ 3. Only I
✗ 4. Neither I nor II

Question ID : **264330105296**
Status : **Answered**
Chosen Option : **1**

Q.8 **Who among the following was the first Indian female musician to win the Grammy award?**

Ans
✗ 1. Neeti Mohan
✓ 2. Tanvi Shah
✗ 3. Shweta Pandit
✗ 4. Shalmali Kholgade

Question ID : **26433054482**
Status : **Answered**
Chosen Option : **3**

Q.9 According to census 2011, number of literates in India is _____ million.

Ans
✗ 1. 767.5
✗ 2. 765.5
✗ 3. 769.5
✓ 4. 763.5

Question ID : **264330105529**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Identify the function of plasmid DNA.

Ans
✗ 1. None of the given options are correct
✗ 2. To form blood cells
✓ 3. To confer certain unique phenotypic characters to bacteria
✗ 4. To help in the formation of rRNA

Question ID : **26433096238**
Status : **Not Answered**
Chosen Option : **--**

Q.11 When, for the first time, did the Election Commission of India become a multi-member body?

Ans
✗ 1. 1995
✗ 2. 1985
✓ 3. 1989
✗ 4. 1994

Question ID : **26433074845**
Status : **Answered**
Chosen Option : **3**

Q.12 Krishna III of Manyakheta belonged to which dynasty?

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

Question ID : **26433091456**
Status : **Marked For Review**
Chosen Option : **4**

Q.13 Who among the following was the first recipient of the State annual award Nishagandhi Puraskaram from the Government of Kerala in 2013?

Ans
✗ 1. Madhavi Mudgal
✗ 2. Shobana C Pillai
✗ 3. Uday Shankar
✓ 4. Mrinalini Sarabhai

Question ID : **26433082123**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which of the following dance forms did NOT originate in South India?

Ans
- ✗ 1. Kathakali
- ✗ 2. Kuchipudi
- ✓ 3. Sattriya
- ✗ 4. Bharatanatyam

Question ID : **26433064647**
Status : **Answered**
Chosen Option : **3**

Q.15 Who among the following won a Padma Vibhushan award in year 1971?

Ans
- ✗ 1. Rajee Narayan
- ✗ 2. S Swaminathan
- ✗ 3. Devjani Chaliha
- ✓ 4. Uday Shankar

Question ID : **26433074831**
Status : **Answered**
Chosen Option : **4**

Q.16 The fundamental duty of a parent or guradian to provide opportunities for education to his child or, as the case may be, ward between the age of 6 and _____.

Ans
- ✗ 1. 20
- ✓ 2. 14
- ✗ 3. 18
- ✗ 4. 16

Question ID : **26433071533**
Status : **Answered**
Chosen Option : **2**

Q.17 Which of the following is NOT associated with Aryabhata?

Ans
- ✗ 1. Stated that day and night were caused by the rotation of the earth on its axis.
- ✗ 2. Developed a scientific explanation for eclipses
- ✗ 3. Found a way of calculating the circumference of a circle
- ✓ 4. Spoke about elaborate surgical procedures

Question ID : **264330105208**
Status : **Answered**
Chosen Option : **4**

Q.18 The Sahara Desert is located in which of the following continent?

Ans
- ✗ 1. South America
- ✗ 2. North America
- ✓ 3. Africa
- ✗ 4. Australia

Question ID : **264330105621**
Status : **Answered**
Chosen Option : **3**

Q.19 Which of the following is NOT a part of the institutional structure of rural banking?

Ans
✔ 1. Moneylenders
✘ 2. Regional rural banks
✘ 3. Commercial banks
✘ 4. Cooperative and land development banks

Question ID : **26433072958**
Status : **Answered**
Chosen Option : **1**

Q.20 Who among the following proposed the term 'ecosystem'?

Ans
✔ 1. AG Tansely
✘ 2. Grinnel
✘ 3. Lindeman
✘ 4. Turreson

Question ID : **26433064446**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.21 How many anions surround a sodium ion in a crystal lattice of sodium chloride?

Ans
✔ 1. Six
✘ 2. Eight
✘ 3. Seven
✘ 4. Nine

Question ID : **26433086740**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The Balance of Payment Account of an economy is related to the _____.

Ans
✘ 1. agriculture sector
✔ 2. external sector
✘ 3. government sector
✘ 4. private sector

Question ID : **26433064525**
Status : **Answered**
Chosen Option : **3**

Q.23 Identify the step that is NOT a part of decomposition.

Ans
✘ 1. Leaching
✘ 2. Humification
✘ 3. Catabolism
✔ 4. Soil erosion

Question ID : **26433064764**
Status : **Answered**
Chosen Option : **4**

Q.24 Who among the following has launched the US Startup SETU programme?

Ans
✗ 1. Amit Shah
✗ 2. Yogi Adityanath
✗ 3. Nitin Gadkari
✓ 4. Piyush Goyal

Question ID : **264330105298**
Status : **Answered**
Chosen Option : **3**

Q.25 Nagabhata was the king of which of the following dynasty?

Ans
✗ 1. Kakatiya
✗ 2. Vardhana
✓ 3. Pratihara
✗ 4. Reddy

Question ID : **264330105406**
Status : **Not Answered**
Chosen Option : **--**

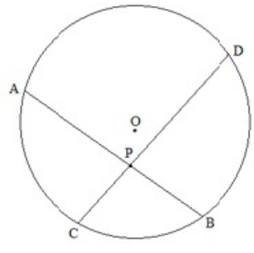
Section : **Quantitative Aptitude**

Q.1 Calculate the area of a sector of a circle with radius 10 metres and angle of 90 degrees at the centre.

Ans
✗ 1. $79.3\ m^2$
✗ 2. $79.5\ m^2$
✓ 3. $78.5\ m^2$
✗ 4. $75\ m^2$

Question ID : **26433065312**
Status : **Answered**
Chosen Option : **3**

Q.2 In the figure, O is the centre of the circle. Its two chords AB and CD intersect each other at the point P within the circle. If AB = 20 cm, PB = 12 cm and CP = 8 cm, then find the measure of PD.



Ans
✓ 1. 12 cm
✗ 2. 11 cm
✗ 3. 22 cm
✗ 4. 14 cm

Question ID : **26433076312**
Status : **Answered**
Chosen Option : **1**

Q.3 **A dealer buys an article listed at ₹3,000 and gets successive discounts of 15% and 15%. He spends ₹250 on transportation and sells it at a profit of 20%. Find the selling price of the article.**

Ans

1. ₹3,300
2. ₹2,901
3. ₹3,250
4. ₹3,200

Question ID : **26433076271**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.4 **In a linear race of 1000 m, A beats B by 50 m or 5 seconds. What is the difference between the speeds (in m/s) of A and B?**

Ans

1. $1\frac{10}{19}$
2. $\frac{10}{19}$
3. $\frac{9}{19}$
4. $\frac{9}{10}$

Question ID : **26433075771**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.5 **The table given below shows the cost price and selling price of 5 different articles.**

Article	Cost price	Selling price
A1	350	450
A2	550	550
A3	450	650
A4	250	550
A5	150	650

What is the ratio of cost price of A1 to the selling price of A4?

Ans

1. 1 : 2
2. 1 : 3
3. 7 : 5
4. 7 : 11

Question ID : **264330105724**
Status : **Answered**
Chosen Option : **4**

Q.6 **The selling price of 28 items is equal to the cost price of 17 items. What is the percentage of profit or loss?**

Ans

✔ 1. $39\frac{2}{7}\%$ loss

✘ 2. $39\frac{2}{7}\%$ profit

✘ 3. $33\frac{2}{7}\%$ profit

✘ 4. $33\frac{2}{7}\%$ loss

Question ID : **26433063693**
Status : **Answered**
Chosen Option : **1**

Q.7 **If the price of petrol is increased by 28%, by what percentage should the consumption be decreased by the consumer, if the expenditure on petrol remains unchanged? (Correct to 2 decimal places)**

Ans

✘ 1. 12.35%

✔ 2. 21.88%

✘ 3. 20.25%

✘ 4. 25.75%

Question ID : **26433063682**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.8 **A sum of money amounts to ₹767 in 3 years, and to ₹806 in 4 years on simple interest at 6% annum. What is the sum?**

Ans

✘ 1. ₹600

✘ 2. ₹560

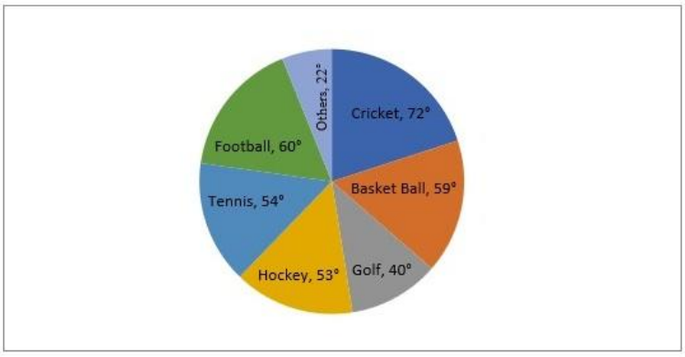
✘ 3. ₹675

✔ 4. ₹650

Question ID : **26433082399**
Status : **Answered**
Chosen Option : **4**

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

The pie-chart represents the spending of a state on various sports during a particular year.



How much percent more is spent on cricket than on tennis(correct up to 2 decimal places)?

Ans
✔ 1. 33.33%
✘ 2. 32.75%
✘ 3. 30.35%
✘ 4. 28.25%

Question ID : **26433083056**
Status : **Answered**
Chosen Option : **1**

Q.10 **Simplify the following.**
cot13° cot27° cot45° cot63° cot77° = ?

Ans
✔ 1. 1
✘ 2. $\sqrt{3}$
✘ 3. 2
✘ 4. $\sqrt{2}$

Question ID : **26433082931**
Status : **Answered**
Chosen Option : **1**

Q.11 **The average of eight consecutive odd numbers is 48. Find the sum of the fifth and seventh numbers.**

Ans
✔ 1. 102
✘ 2. 86
✘ 3. 89
✘ 4. 90

Question ID : **26433075226**
Status : **Answered**
Chosen Option : **1**

Q.12 The sides of a triangle are in the ratio $\frac{1}{3} : \frac{1}{5} : \frac{1}{6}$. If the perimeter is 147 cm, then the length of the smallest side is_____.

Ans
✗ 1. 12 cm
✗ 2. 25 cm
✗ 3. 30 cm
✓ 4. 35 cm

Question ID : **26433083065**
Status : **Answered**
Chosen Option : **4**

Q.13 **Solve the following to find its value in terms of trigonometric ratios.**
(sin A + cos A)(1 – sin A cosA)

Ans
✓ 1. $\sin^3 A + \cos^3 A$
✗ 2. $\sin^2 A - \cos^2 A$
✗ 3. $[\cos A - \sin A][\sin^2 A + \cos^2 A]$
✗ 4. $\sin^3 A - \cos^3 A$

Question ID : **26433061930**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.14 **The ratio of the outer and the inner circumference of a circular path is 5 : 4. If path is 50 metres wide, then what is the radius of the inner circle?**

Ans
✗ 1. 250 metres
✗ 2. 300 metres
✓ 3. 200 metres
✗ 4. 210 metres

Question ID : **264330105860**
Status : **Answered**
Chosen Option : **3**

Q.15 **If 2a + 3b = 10 and ab = 3, then find the value of $4a^2 + 9b^2$.**

Ans
✗ 1. 60
✗ 2. 62
✓ 3. 64
✗ 4. 66

Question ID : **26433083021**
Status : **Answered**
Chosen Option : **3**

Q.16 Study the following table and answer the question that follows.

School Name	Total number of Student enrolled	Percentage of students who opted for statistics
A	450	20
B	200	18
C	500	12
D	400	15

What is the average number of students who opted for other than statistics subject in school A and D?

Ans
✗ 1. 7340
✗ 2. 360
✗ 3. 355
✓ 4. 350

Question ID : **26433081465**
Status : **Answered**
Chosen Option : **4**

Q.17 If $(4x - 7y) = 11$ and $xy = 8$, what is the value of $16x^2 + 49y^2$, given that x and y are positive numbers?

Ans
✗ 1. 596
✗ 2. 484
✓ 3. 569
✗ 4. 448

Question ID : **26433061943**
Status : **Answered**
Chosen Option : **3**

Q.18 **What is the smallest perfect square which is completely divisible by each of 16, 18 and 36?**

Ans
✓ 1. 144
✗ 2. 81
✗ 3. 196
✗ 4. 169

Question ID : **26433079827**
Status : **Answered**
Chosen Option : **1**

Q.19 If $\sin\theta = \frac{1}{2}$, then the value of $(3\cos\theta - 4\cos^3\theta)$ is:

Ans
✓ 1. 0
✗ 2. 1
✗ 3. 2
✗ 4. −1

Question ID : **26433065321**
Status : **Answered**
Chosen Option : **1**

Q.20 Find the mean proportion of $\frac{a^3+b^3}{a-b}$ and $\frac{a^2-b^2}{a^2-ab+b^2}$.

Ans
✗ 1. 1
✓ 2. $a+b$
✗ 3. $\frac{a+b}{a-b}$
✗ 4. $\sqrt{a+b}$

Question ID : **26433063940**
Status : **Answered**
Chosen Option : **2**

Q.21 **Numbers divisible by 9 between 43 and 481 are:**

Ans
✗ 1. 51
✓ 2. 49
✗ 3. 48
✗ 4. 50

Question ID : **26433062623**
Status : **Answered**
Chosen Option : **3**

Q.22 **A and B can complete a piece of work in 10 and 16 days respectively. A begins to do the work and they work alternatively one at a time for one day each. The whole work will be completed in :**

Ans
✓ 1. $12\frac{1}{4}$ days
✗ 2. $13\frac{1}{4}$ days
✗ 3. $15\frac{1}{4}$ days
✗ 4. $14\frac{1}{4}$ days

Question ID : **26433074227**
Status : **Answered**
Chosen Option : **1**

Q.23 What is the value of

$$\left(k-\frac{1}{k}\right)\left(k^2+\frac{1}{k^2}\right)\left(k^4+\frac{1}{k^4}\right)\left(k^8+\frac{1}{k^8}\right)\left(k^{16}+\frac{1}{k^{16}}\right)\left(k^{32}+\frac{1}{k^{32}}\right) ?$$

Ans

✔ 1. $\dfrac{k^{64}-\dfrac{1}{k^{64}}}{k+\dfrac{1}{k}}$

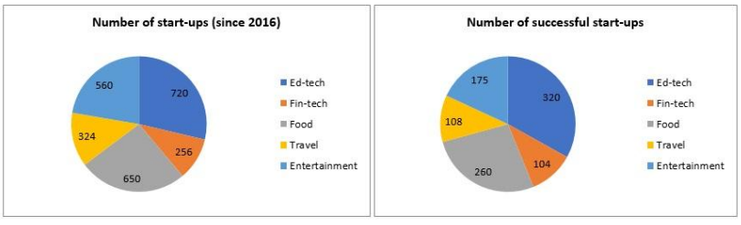
✘ 2. $\dfrac{k^{32}-\dfrac{1}{k^{32}}}{k-\dfrac{1}{k}}$

✘ 3. $\dfrac{k^{32}-\dfrac{1}{k^{32}}}{k+\dfrac{1}{k}}$

✘ 4. $\dfrac{k^{32}+\dfrac{1}{k^{32}}}{k+\dfrac{1}{k}}$

Question ID : **264330105953**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The following pie charts show the number of start-ups started in various sectors since 2016 and the number of successful start-ups in those sectors respectively.



Out of all the start-ups that started since 2016, what percentage (approx. up to two decimal places) started in travel sector?

Ans

✘ 1. 13.12%

✘ 2. 12.19%

✔ 3. 12.91%

✘ 4. 13.21%

Question ID : **26433076422**
Status : **Answered**
Chosen Option : **1**

Q.25 If the volume of a sphere is $179\frac{2}{3}$ m^3, what is its surface area?

Ans
1. $221\ m^2$
2. $154\ m^2$
3. $144\ m^2$
4. $151\ m^2$

Question ID : **26433063904**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

When the train pulled in / at the station, it take / Joseph some time / to get off.

Ans
1. When the train pulled in
2. at the station, it take
3. Joseph some time
4. to get off

Question ID : **26433088157**
Status : **Answered**
Chosen Option : **2**

Q.2 **Select the INCORRECTLY spelt word.**

Ans
1. Thyriod
2. Disaster
3. System
4. Distance

Question ID : **26433063144**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the correct passive form of the given sentence.**
The government will build an amphitheatre.

Ans
1. An amphitheatre will be build by the government.
2. An amphitheatre will be built by the government.
3. An amphitheatre would be built by the government.
4. An amphitheatre be build by the government.

Question ID : **264330104569**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

She acted <u>as if she is</u> the one who was hurt.

Ans

✗ 1. as if she has been

✗ 2. as if she will be

✗ 3. as if she would

✓ 4. as if she was

Question ID : **26433084863**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the most appropriate meaning of the given idiom.**

A rolling stone gathers no moss

Ans

✗ 1. A person who settles for a short time and runs from place to place, enjoying his freedom

✗ 2. A person who does not settle anywhere for a short time, and is always searching for gold

✗ 3. A person who settles for a long time and leads a boring and useless life

✓ 4. A person who does not settle in one place for a long time, does not gain wealth, name or fame

Question ID : **26433060862**
Status : **Answered**
Chosen Option : **4**

Q.6 **Choose the most appropriate meaning of the underlined word in the given sentence.**

The students have decided to <u>conspire</u> to steal the test papers.

Ans

✗ 1. Enact

✗ 2. Moderate

✓ 3. Plot

✗ 4. Assist

Question ID : **26433060304**
Status : **Answered**
Chosen Option : **3**

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

Ans

✓ 1. Bohemian

✗ 2. Numismatist

✗ 3. Gourmet

✗ 4. Misanthrope

Question ID : **26433060824**
Status : **Marked For Review**
Chosen Option : **1**

Q.8 **Select the most appropriate ANTONYM of the underlined word.**

One must aim to develop <u>intrinsic</u> motivation within learners for better retention of knowledge.

Ans
✗ 1. Elemental
✗ 2. Introjected
✓ 3. Extrinsic
✗ 4. Inherent

Question ID : **26433070529**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the option that expresses the given sentence in passive voice.**

Don't pluck the flowers.

Ans
✗ 1. The flowers should not be pluck.
✗ 2. You are requested not to plucked the flowers.
✗ 3. I am requesting you to pluck the flowers.
✓ 4. Let the flowers not be plucked.

Question ID : **26433073246**
Status : **Marked For Review**
Chosen Option : **4**

Q.10 **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. The demand for fish has increased.
Q. However, adequate fish is not available in the lake.
R. This is mainly because the migratory fish from Chindwin-Irrawaddy river system to Manipur river system have declined steadily after the barrage came up.
S. At least two lakh people are directly dependent on the lake for fishing.

Ans
✓ 1. SPQR
✗ 2. RPSQ
✗ 3. QRPS
✗ 4. RQSP

Question ID : **264330104729**
Status : **Answered**
Chosen Option : **1**

Q.11 **Select the most appropriate ANTONYM of the word identify from the given sentence:**
My pet dog can classify and identify our family friends easily and doesn't overlook anonymous and unknown ones

Ans
✗ 1. anonymous
✗ 2. spot
✗ 3. classify
✓ 4. overlook

Question ID : **26433058559**
Status : **Answered**
Chosen Option : **4**

Q.12 **Rearrange the parts of the sentence in correct order.**
One element that
P. is timing, in particular ensuring that
Q. is essential to navigating deep space
R. the time on board spacecraft is synchronised
S. with the time on the ground

Ans
✗ 1. PRQS
✗ 2. PSQR
✗ 3. RSPQ
✓ 4. QPRS

Question ID : **264330104668**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the most appropriate collocation to fill in the blank.**

We came to _____ as we were passing through.

Ans
✗ 1. give a hand
✓ 2. say hello
✗ 3. slow in
✗ 4. take a look

Question ID : **26433092092**
Status : **Answered**
Chosen Option : **2**

Q.14 **Select the INCORRECTLY spelt word in the following sentence.**
Apparently, he seems to be an amature person, but I know that he is a disciplined and committed person when it comes to doing something seriously.

Ans
✓ 1. amature
✗ 2. apparently
✗ 3. committed
✗ 4. disciplined

Question ID : **26433058612**
Status : **Marked For Review**
Chosen Option : **1**

Q.15 **Select the most appropriate ANTONYM of the underlined word in the given sentence.**

The money she offered him was insufficient to <u>persuade</u> him to sell.

Ans
✗ 1. Clade
✗ 2. Propagandize
✓ 3. Discourage
✗ 4. Influence

Question ID : **26433060370**
Status : **Answered**
Chosen Option : **3**

Q.16 **Select the sentence with the appropriate use of preposition.**

Ans

✗ 1. Children are fond to sweets.

✗ 2. Children are fond off sweets.

✗ 3. Children are fond with sweets.

✓ 4. Children are fond of sweets.

Question ID : **26433073891**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the most appropriate option to fill in the blank.**

The great director Satyajit Ray after receiving the Honorary Academic Award from Audrey Hepburn,_____in his Kolkata home.

Ans

✓ 1. breathed his last

✗ 2. nipped in the bud

✗ 3. kept the ball rolling

✗ 4. dug the grave

Question ID : **26433070541**
Status : **Answered**
Chosen Option : **1**

Q.18 **Fill in the blank by selecting the appropriate word from the given options that would complete the collocation.**

The judge directed the advocate general to _____ an enquiry on the case.

Ans

✗ 1. make

✗ 2. produce

✓ 3. hold

✗ 4. get

Question ID : **26433072066**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the correct indirect form of the given sentence.**
“We had opened the lock.” they told me.

Ans

✗ 1. They said that we had opened the lock.

✗ 2. They said to me that they have opened the lock.

✓ 3. They told me that they had opened the lock.

✗ 4. They says that we had opened the lock.

Question ID : **264330104619**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the option that can be used as a one-word substitute for the given group of words.**

The property left to someone by a will

Ans

✗ 1. Ledger

✓ 2. Legacy

✗ 3. Legend

✗ 4. Lexical

Question ID : **26433060867**
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.

A new world research shows that the French (1) _____ large amounts of cheese and butter. Therefore, they have low levels of heart disease. The research (2) _____ that animal fat is good for human body and helps in reducing the risks of heart attack. This study was (3) _____ in 2018 in 21 low and middle income countries. However, it (4) _____ that eating moderately is the (5) _____ key in this regard.

SubQuestion No : 21

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

Ans

✓ 1. consume

✗ 2. drink

✗ 3. gobble

✗ 4. take

Question ID : **26433072797**
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.

A new world research shows that the French (1) _____ large amounts of cheese and butter. Therefore, they have low levels of heart disease. The research (2) _____ that animal fat is good for human body and helps in reducing the risks of heart attack. This study was (3) _____ in 2018 in 21 low and middle income countries. However, it (4) _____ that eating moderately is the (5) _____ key in this regard.

SubQuestion No : 22

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

Ans

✗ 1. accepts

✗ 2. credits

✗ 3. trusts

✓ 4. believes

Question ID : **26433072798**
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.

A new world research shows that the French (1) _____ large amounts of cheese and butter. Therefore, they have low levels of heart disease. The research (2) _____ that animal fat is good for human body and helps in reducing the risks of heart attack. This study was (3) _____ in 2018 in 21 low and middle income countries. However, it (4) _____ that eating moderately is the (5) _____ key in this regard.

SubQuestion No : 23

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

Ans

✗ 1. directed

✗ 2. managed

✗ 3. supervised

✓ 4. conducted

Question ID : **26433072799**
Status : **Answered**
Chosen Option : **4**

Comprehension:

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

A new world research shows that the French (1) _____ large amounts of cheese and butter. Therefore, they have low levels of heart disease. The research (2) _____ that animal fat is good for human body and helps in reducing the risks of heart attack. This study was (3) _____ in 2018 in 21 low and middle income countries. However, it (4) _____ that eating moderately is the (5) _____ key in this regard.

SubQuestion No : 24

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

Ans

✗ 1. closed

✓ 2. concluded

✗ 3. finished

✗ 4. stopped

Question ID : **26433072800**
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.

A new world research shows that the French (1) _____ large amounts of cheese and butter. Therefore, they have low levels of heart disease. The research (2) _____ that animal fat is good for human body and helps in reducing the risks of heart attack. This study was (3) _____ in 2018 in 21 low and middle income countries. However, it (4) _____ that eating moderately is the (5) _____ key in this regard.

SubQuestion No : 25

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

Ans

✓ 1. crucial

✗ 2. diligent

✗ 3. principle

✗ 4. eminent

Question ID : **26433072801**
Status : **Answered**
Chosen Option : **1**