Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 2 Sector 62
Exam Date	13/12/2022
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **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).
(16, 7, 81)
(24, 16, 64)

Ans
✔ 1. (13, 7, 36)
✘ 2. (48, 39, 18)
✘ 3. (37, 25, 100)
✘ 4. (21, 19, 8)

Question ID : **26433074559**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **In the following question, select the missing number from the given series.**
67, 46, 24, 1, –23, ?

Ans
✔ 1. –48
✘ 2. –38
✘ 3. –46
✘ 4. –50

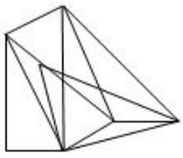
Question ID : **264330105014**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

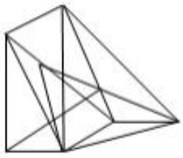
(X)

Ans

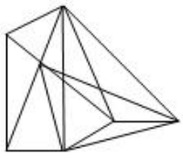
✗ 1.



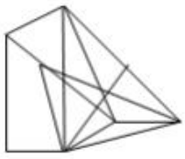
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433068912**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **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.**
68 : 19 :: 76 : 21 :: 164 : ?

Ans

✗ 1. 45

✗ 2. 39

✓ 3. 43

✗ 4. 41

Question ID : **26433069122**
Status : **Answered**
Chosen Option : **3**

Q.5 **In a certain code language, 'COMMUNITY' is written as 'YITUNMCOM' and 'AUTHORITY' is written as 'YITORHAUT'. How will 'ISOLATION' be written in that language?**

Ans

✗ 1. NIAOTLISO

✗ 2. NIOATILSO

✗ 3. NIOATLIOS

✓ 4. NIOATLISO

Question ID : **26433059888**
Status : **Answered**
Chosen Option : **4**

Q.6 **In a certain code language 'BOTTLE' is written as '148', 'SIPPER' is written as '166'. How will 'BUMPER' be written in that language?**

Ans

✗ 1. 160

✗ 2. 170

✓ 3. 150

✗ 4. 180

Question ID : **26433068235**
Status : **Answered**
Chosen Option : **3**

Q.7 **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.**
ACCUSED : UCCASDE :: FACTORY : TCAFOYR :: DYNAMIC : ?

Ans

✗ 1. YNMICAD

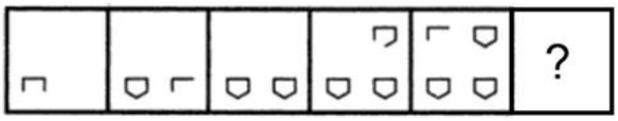
✗ 2. DNYMACI

✓ 3. ANYDMCI

✗ 4. DANYMIC

Question ID : **26433069024**
Status : **Answered**
Chosen Option : **3**

Q.8 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **26433080513**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **A # B means 'A is the sister of B'.**
A @ B means 'A is the son of B'.
A & B means 'A is the father of B'.
A % B means 'A is the mother of B'.
If W & Q # T & Y @ M % K, then how is Q related to K?

Ans
✗ 1. Mother's sister
✗ 2. Sister
✓ 3. Father's sister
✗ 4. Father's mother

Question ID : **26433068153**
Status : **Answered**
Chosen Option : **3**

Q.10 **Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).**
Statements:
Some pencils are rods.
No rod is a door.
All balls are rods.
Conclusions:
I. Some pencils being balls is a possibility.
II. No ball is a door.
III. All rods are balls.
IV. No pencil is a door.

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

Question ID : **26433070344**
Status : **Answered**
Chosen Option : **2**

Q.11 **Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words.**
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
Rice : Carbohydrates

Ans
✗ 1. Eggplant : Vegetable
✗ 2. Flesh : Chicken
✓ 3. Cottage cheese : Protein
✗ 4. Orange : Fruit

Question ID : **26433068421**
Status : **Answered**
Chosen Option : **3**

Q.12 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
NTR, TCE, ZLR, FUE, ?

Ans
✗ 1. LMR
✓ 2. LDR
✗ 3. RNQ
✗ 4. RMO

Question ID : **264330104796**
Status : **Answered**
Chosen Option : **2**

Q.13 **Which of the following letter-clusters will replace the question mark (?) in the given series?**
DBK, GDL, JFM, MHN, ?

Ans

✗ 1. QKN

✗ 2. PKO

✓ 3. PJO

✗ 4. QJO

Question ID : **26433057985**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the figure that will come next in the following figure series.

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **26433068466**
Status : **Answered**
Chosen Option : **4**

Q.15 **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 father of R?**

Ans

✓ 1. P + Q × R

✗ 2. P × Q + R

✗ 3. P + Q ÷ R

✗ 4. P – Q × R

Question ID : **264330105003**
Status : **Answered**
Chosen Option : **1**

Q.16 **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 B.
II. No C is B.
Conclusion:
I. Some C are not A.
II. Some A are B.

Ans
✔ 1. Neither conclusion follows
✘ 2. Only conclusion II follows
✘ 3. Only conclusion I follows
✘ 4. Both conclusions I and II follows

Question ID : **264330104926**
Status : **Answered**
Chosen Option : **1**

Q.17 **By Interchanging the given two numbers which of the following equation will be correct?**
4 and 6

Ans
✔ 1. 4 ÷ 2 + 3 – 6 × 5 = –14
✘ 2. 9 ÷ 3 + 6 × 5 – 4 = 18
✘ 3. 4 × 3 + 6 – 2 ÷ 1 = 21
✘ 4. 4 – 6 ÷ 2 + 3 × 5 = 20

Question ID : **264330105094**
Status : **Answered**
Chosen Option : **1**

Q.18 **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. (14 – 28 – 42)
✘ 2. (16 – 32 – 64)
✘ 3. (18 –36 –72)
✘ 4. (12 –24 – 48)

Question ID : **264330105075**
Status : **Answered**
Chosen Option : **1**

Q.19 **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.**
16 : 96 :: ? : 161 :: 18 : 120

Ans
✘ 1. 22
✔ 2. 21
✘ 3. 20
✘ 4. 24

Question ID : **26433059940**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
50 * 10 * 20 * 5 * 105

Ans
✔ 1. ÷, ×, +, =
✘ 2. ×, −, +, =
✘ 3. ÷, ×, −, =
✘ 4. ×, ÷, +, =

Question ID : **26433068567**
Status : **Answered**
Chosen Option : **1**

Q.21 **After arranging the given words according to dictionary order, which word will come at 'Third' position?**
1. Overwork
2. Overwrought
3. Overwhelming
4. Overweight
5. Overweening

Ans
✔ 1. Overwhelming
✘ 2. Overwrought
✘ 3. Overweight
✘ 4. Overweening

Question ID : **264330104887**
Status : **Answered**
Chosen Option : **1**

Q.22 **Which of the following interchange of numbers and mathematical signs would make the given equation correct?**
28 + 7 × 10 ÷ 5 − 20 = 5

Ans
✘ 1. 10 and 20, × and +
✘ 2. 5 and 20, − and ÷
✘ 3. 7 and 28, × and ÷
✔ 4. 5 and 10, + and ÷

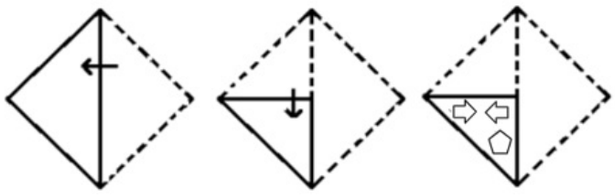
Question ID : **26433087055**
Status : **Answered**
Chosen Option : **4**

Q.23 **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. PONM
✘ 2. EDCB
✘ 3. SRQP
✔ 4. BYXW

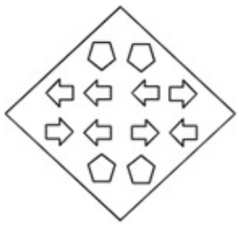
Question ID : **26433080458**
Status : **Answered**
Chosen Option : **4**

Q.24 A paper is folded and cut as shown below. How will it appear when unfolded?

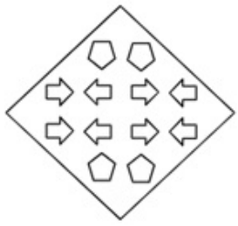


Ans

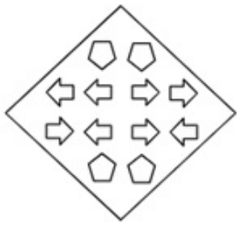
✗ 1.



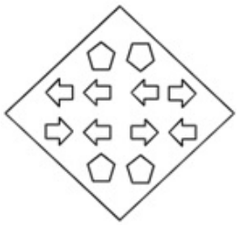
✓ 2.



✗ 3.

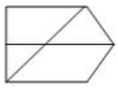


✗ 4.



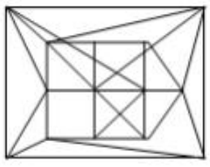
Question ID : **26433080556**
Status : **Answered**
Chosen Option : **2**

Q.25 Select the option in which the given figure is embedded (rotation is NOT allowed).

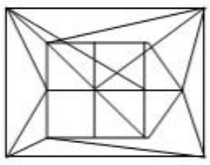


Ans

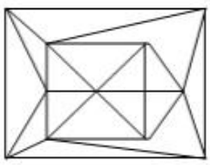
✗ 1.



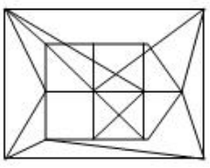
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433068299**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 **In which year was Asha Bhosle's name entered into the Guinness Book of World Records for most studio recordings?**

Ans

✗ 1. 2017

✗ 2. 2020

✗ 3. 2014

✓ 4. 2011

Question ID : **26433074113**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Which article of Indian constitution is related with the Special provisions with respect to the State of Sikkim?**

Ans

✗ 1. Article 371C

✗ 2. Article 371

✓ 3. Article 371F

✗ 4. Article 371A

Question ID : **26433064729**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Which of the following statement is correct with respect to the Sangam literature?**
I. These texts were supposed to be composed and compiled in assemblies of poets.
II. The Sangam literature compiled in assemblies of poets were held in the city of Madurai.

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

Question ID : **264330105180**
Status : **Answered**
Chosen Option : **2**

Q.4 **Which of the following have mountain range young fold mountains?**

Ans
✗ 1. Appalachians mountain range
✓ 2. Alps mountain range
✗ 3. Aravali mountain range
✗ 4. Ural mountain range

Question ID : **264330105627**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Identify a fomite from the following.**

Ans
✗ 1. Drinking water
✗ 2. Blood
✗ 3. Saliva
✓ 4. Glass

Question ID : **26433086704**
Status : **Answered**
Chosen Option : **4**

Q.6 **Kullu Dussehra is a colourful festival majorly celebrated in which state/union territory?**

Ans
✗ 1. Delhi
✗ 2. Telangana
✗ 3. Uttar Pradesh
✓ 4. Himachal Pradesh

Question ID : **26433071423**
Status : **Answered**
Chosen Option : **4**

Q.7 **Peat coal has _____ carbon and _____ moisture content?**

Ans
✗ 1. High, Low
✓ 2. Low , high
✗ 3. High, High
✗ 4. Low, Low

Question ID : **264330105506**
Status : **Answered**
Chosen Option : **3**

Q.8 **After the _____, Mahatma Gandhi called off the Non-Cooperation Movement.**

Ans
✗ 1. Jallianwala Bagh massacre
✓ 2. Chauri Chaura incidence
✗ 3. Bengal partition
✗ 4. Round Table conferences

Question ID : **26433085275**
Status : **Answered**
Chosen Option : **2**

Q.9 **The Kashi Yatra Scheme was introduced by the government of _____.**

Ans
✓ 1. Karnataka
✗ 2. Uttar Pradesh
✗ 3. Punjab
✗ 4. Kerala

Question ID : **264330105286**
Status : **Answered**
Chosen Option : **2**

Q.10 **The national highway network connecting Delhi, Mumbai, Chennai and Kolkata is called _____.**

Ans
✗ 1. Diamond quadrilateral
✗ 2. Diamond polygon
✗ 3. Golden polygon
✓ 4. Golden Quadrilateral

Question ID : **264330105591**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **Synecology can be defined as which of the following?**

Ans
✗ 1. A branch of science that deals with the interrelationship of individual species with its environment.
✗ 2. A branch of science that deals with the interrelationship of two species.
✗ 3. A branch of science that deals with the interrelationship of whole biome.
✓ 4. A branch of ecology that deals with the structure, development and distribution of ecological communities.

Question ID : **26433071443**
Status : **Answered**
Chosen Option : **1**

Q.12 **'Thaipoosam' festival is celebrated in which state of India?**

Ans
✗ 1. Bihar
✗ 2. Andhra Pradesh
✓ 3. Tamil Nadu
✗ 4. Goa

Question ID : **26433072933**
Status : **Answered**
Chosen Option : **2**

Q.13 The Kuchipudi dance form originated in which of the following states of India?

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

Question ID : **26433064287**
Status : **Answered**
Chosen Option : **4**

Q.14 The SI unit of speed is _____.

Ans
✓ 1. m/s
✗ 2. km/s
✗ 3. km/hr
✗ 4. m/hr

Question ID : **264330105460**
Status : **Answered**
Chosen Option : **3**

Q.15 On the occasion of teacher's day 2022, the Indian Science Technology and Engineering facilities Map (I-STEM) launched an initiative to strengthen the efforts of scientifically inclined women. What is the name of this initiative?

Ans
✗ 1. KUSUM
✗ 2. KALYAN
✓ 3. WEST
✗ 4. NAMASTE

Question ID : **264330105297**
Status : **Not Answered**
Chosen Option : **--**

Q.16 The first English Factory in Bengal set up on the banks of river "Hugli" in _____.

Ans
✗ 1. 1671
✗ 2. 1641
✗ 3. 1661
✓ 4. 1651

Question ID : **264330105553**
Status : **Not Answered**
Chosen Option : **--**

Q.17 In which of the following cities did Prime Minister Narendra Modi participate in 2019 as part of the celebration of International Day of Yoga on June 21?

Ans
✓ 1. Ranchi
✗ 2. Lucknow
✗ 3. New Delhi
✗ 4. Chandigarh

Question ID : **26433059402**
Status : **Not Answered**
Chosen Option : **--**

Q.18 What should be the standard length of a tennis court according the laws of the International Tennis Federation (ITF), 2021?

Ans
✔ 1. 23.77 m
✘ 2. 22.45 m
✘ 3. 26.42 m
✘ 4. 25.34 m

Question ID : **26433064265**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Article 20 of the Constitution of India deals with _____.

Ans
✘ 1. protection of life and personal liberty
✔ 2. protection in respect of conviction for offences
✘ 3. abolition of untouchability
✘ 4. right to education

Question ID : **26433074896**
Status : **Answered**
Chosen Option : **2**

Q.20 Who is the father of the modern ecology?

Ans
✘ 1. Robert Brown
✘ 2. Charles Darwin
✔ 3. E P Odum
✘ 4. Robert Hook

Question ID : **26433089653**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Which of the following Indian states receive rainfall during October and November due to the North-East monsoon?

Ans
✘ 1. Uttar Pradesh
✘ 2. Maharashtra
✘ 3. Madhya Pradesh
✔ 4. Tamil Nadu

Question ID : **26433066504**
Status : **Answered**
Chosen Option : **4**

Q.22 Who is the Ex-officio Chairman of NITI Aayog?

Ans
✘ 1. President
✔ 2. Prime Minister
✘ 3. Home Minister
✘ 4. Finance Minister

Question ID : **26433065440**
Status : **Answered**
Chosen Option : **2**

Q.23 **Which of the following statements is true?**
A)Wage bill of the government is a capital expenditure.
B) Disinvestment by the government in a company is a capital receipt.

Ans
✗ 1. Only (A)
✗ 2. Neither (A) nor (B)
✗ 3. Both (A) and (B)
✓ 4. Only (B)

Question ID : **26433066655**
Status : **Answered**
Chosen Option : **4**

Q.24 **Who has been appointed as the 37th CRPF Director General?**

Ans
✗ 1. Rajendra Kumar
✓ 2. Sujoy Lal Thaosen
✗ 3. Anil Chauhan
✗ 4. Vijay Jasuja

Question ID : **264330105323**
Status : **Answered**
Chosen Option : **2**

Q.25 **Who among the following gave up his traditional professions and took to arms, successfully established kingdom in Karnataka?**

Ans
✗ 1. Vasudeva Kanva
✗ 2. Gurjara-Pratihara Harichandra
✗ 3. Pushyamitra Shunga
✓ 4. Kadamba Mayurasharman

Question ID : **264330105404**
Status : **Not Answered**
Chosen Option : **--**

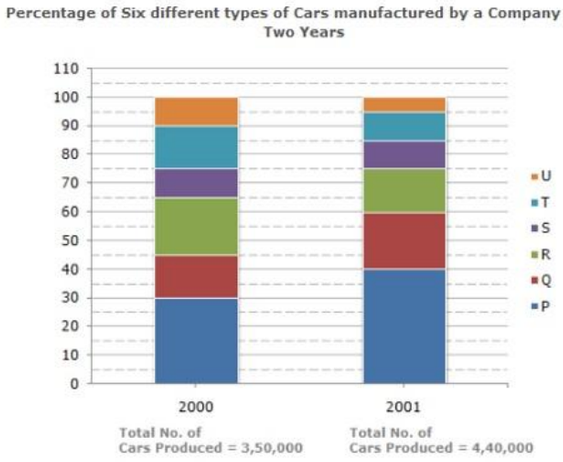
Section : **Quantitative Aptitude**

Q.1 $\Delta ABC \sim \Delta DEF$ and the perimeters of these triangles are 32 cm and 12 cm, respectively. If DE = 6 cm, then what will be the length of AB?

Ans
✓ 1. 16 cm
✗ 2. 14 cm
✗ 3. 12 cm
✗ 4. 18 cm

Question ID : **26433075214**
Status : **Answered**
Chosen Option : **1**

Q.2 The bar graph given below shows the percentage distribution of the total production of six different types of cars by a car manufacturing company over 2 years.



If 75% of the T type cars produced in each year were sold by the company, how many T type cars remain unsold?

Ans

✗ 1. 23500

✗ 2. 22000

✓ 3. 24125

✗ 4. 25000

Question ID : **26433086276**
Status : **Answered**
Chosen Option : **3**

Q.3 **The table given below shows the number of working days of a company in 5 years.**

Years	Working days
P	110
Q	310
R	160
S	60
T	210

What are ratio of number of working days in year R to the number of working days in year T?

Ans

✓ 1. 16 : 21

✗ 2. 15 : 22

✗ 3. 21 : 17

✗ 4. 21 : 16

Question ID : **264330105717**
Status : **Answered**
Chosen Option : **1**

Q.4 The monthly income of Mr. Roy is Rs.18,000. He took a loan of Rs.30,000 on simple interest for 3 years at the rate of 5% per annum. The amount that he will be paying as simple interest in 3 years is what percent of his monthly salary?

Ans
✗ 1. 30%
✗ 2. 35%
✗ 3. 20%
✓ 4. 25%

Question ID : **26433075733**
Status : **Answered**
Chosen Option : **4**

Q.5 When $m^{12} - 1$ is divided by m + 1, the remainder is:

Ans
✗ 1. 1
✗ 2. 2
✓ 3. 0
✗ 4. –1

Question ID : **26433062625**
Status : **Not Answered**
Chosen Option : **--**

Q.6 The table given below shows the number of salesman in five companies.

Companies	Salesman
J	45
K	20
L	40
M	15
N	25

Number of salesman in J is what percent of the number of salesman in K?

Ans
✗ 1. 250 percent
✗ 2. 150 percent
✗ 3. 125 percent
✓ 4. 225 percent

Question ID : **264330105722**
Status : **Answered**
Chosen Option : **4**

Q.7 Ramesh purchases a table and a chair for Rs.3,900. He sells the table at a profit of 8% and the chair at a profit of 16%. He earns a profit of Rs.540. What is the difference between the original price of the table and the chair?

Ans
✗ 1. Rs.2,000
✓ 2. Rs.1,800
✗ 3. Rs.1,900
✗ 4. Rs.1,700

Question ID : **26433064973**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which of the following statement is correct?

I. If $x = 12, y = -2$ and $z = -10$, then $x^3 + y^3 + z^3 = 360$.

II. If $x + y = 48$ and $4xy = 128$, then $4x^2 + 4y^2 = 4480$.

Ans
✔ 1. Neither I nor II
✘ 2. Only I
✘ 3. Both I and II
✘ 4. Only II

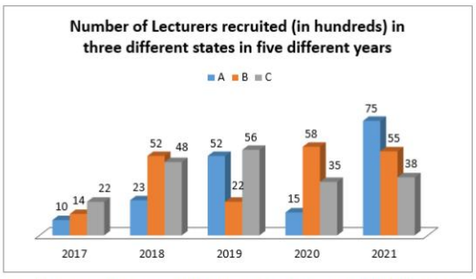
Question ID : **264330105964**
Status : **Answered**
Chosen Option : **1**

Q.9 **The number of units manufactured by a company A was 12500 units in 2019 and 10625 units in 2020. While in company B, the production fell from 34000 units in 2019 to 30600 units in 2020. If X and Y are the percentage decrease in the number of units manufactured by company A and B respectively from 2019 to 2020, then what will be the ratio of X and Y?**

Ans
✘ 1. 5 : 3
✘ 2. 3 : 4
✔ 3. 3 : 2
✘ 4. 8 : 5

Question ID : **26433063300**
Status : **Answered**
Chosen Option : **3**

Q.10 Study the given graph and answer the following question.



The number of lecturers recruited in state B in the year 2019 was what percentage of the number of lecturers recruited in state C in the year 2021? (Correct to 2 decimal places.)

Ans
✘ 1. 56.25%
✘ 2. 50.25%
✘ 3. 48.62%
✔ 4. 57.89%

Question ID : **26433081480**
Status : **Answered**
Chosen Option : **4**

Q.11 The circumference of the two circles is 110 cm and 330 cm respectively. What is the difference between their radii?

Ans
✗ 1. 70 cm
✗ 2. 15 cm
✗ 3. 46 cm
✓ 4. 35 cm

Question ID : **264330105852**
Status : **Answered**
Chosen Option : **4**

Q.12 If $K+\frac{1}{K}+2=0$ and K < 0, then what is the value of $K^{11}+\frac{1}{K^4}$?

Ans
✓ 1. 0
✗ 2. –2
✗ 3. –1
✗ 4. –17

Question ID : **264330105915**
Status : **Answered**
Chosen Option : **1**

Q.13 If $\sec^2 A + \tan^2 A = 3$, then what is the value of cot A?

Ans
✗ 1. $\frac{1}{\sqrt{3}}$
✗ 2. 0
✓ 3. 1
✗ 4. $\sqrt{3}$

Question ID : **26433058824**
Status : **Not Answered**
Chosen Option : **--**

Q.14 An article costs Rs.4,000 to a shopkeeper, who marks its price at Rs.8,400. The shopkeeper sells it to a customer at a discount of 25%. The customer gets a further discount of 15% on the discounted price if the customer redeems a coupon issued by the store previously. What is the profit percentage (to the nearest integer) earned by the shopkeeper in this transaction?

Ans
✓ 1. 34%
✗ 2. 51%
✗ 3. 42%
✗ 4. 36%

Question ID : **26433075764**
Status : **Answered**
Chosen Option : **1**

Q.15 If the numerical value of twice the curved surface area of a right circular cylinder is equal to the numerical value of its volume, then what is the numerical value of the radius of the base of the cylinder?

Ans
✗ 1. 2
✗ 2. 3
✗ 3. 5
✓ 4. 4

Question ID : **26433063908**
Status : **Answered**
Chosen Option : **4**

Q.16 If $x + \frac{1}{x} = 6$, then find the value of $\frac{3x}{2x^2-5x+2}$.

Ans
✗ 1. 1
✓ 2. $\frac{3}{7}$
✗ 3. $\frac{2}{3}$
✗ 4. 0

Question ID : **26433075839**
Status : **Answered**
Chosen Option : **2**

Q.17 The hour hand moves through 4 hours and has a length of 6 cm. Find the area (in cm^2,rounded off to two decimal places) of the sector covered by the hour hand.

Ans
✗ 1. 32.69
✗ 2. 30.67
✓ 3. 37.71
✗ 4. 35.75

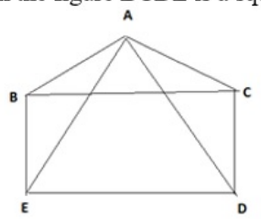
Question ID : **26433075260**
Status : **Not Answered**
Chosen Option : **--**

Q.18 If θ is an acute angle and $\tan\theta + \cot\theta = 2$, then the value of $\tan^{200}\theta + \cot^{200}\theta$ is:

Ans
✗ 1. 1
✓ 2. 2
✗ 3. −1
✗ 4. 0

Question ID : **26433074491**
Status : **Answered**
Chosen Option : **2**

Q.19 In the figure BCDE is a square and ABC is equilateral triangle then ∠ADC is:



Ans
✗ 1. 45°
✗ 2. 30°
✗ 3. 60°
✓ 4. 15°

Question ID : **26433079782**
Status : **Answered**
Chosen Option : **2**

Q.20 **Salaries of Rida and Riya are in the ratio of 3 : 5, respectively. If the salary of each one is increased by Rs.5,000, then the new ratio becomes 5 : 7. What is Riya's present salary?**

Ans
✓ 1. Rs.12,500
✗ 2. Rs.7,500
✗ 3. Rs.2,500
✗ 4. Rs.10,000

Question ID : **26433065077**
Status : **Answered**
Chosen Option : **1**

Q.21 **Ram, Shyam, Rohan, Reeta and Mukesh are five members of a family who are weighed consecutively and their average weight is calculated after each member is weighed. If the average weight increases by 2 kg each time, how much heavier is Mukesh than Ram?**

Ans
✗ 1. 14 kg
✗ 2. 18 kg
✓ 3. 16 kg
✗ 4. 12 kg

Question ID : **26433064959**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **A is 20% more efficient than B. How much time will they working together take to complete a job which A alone could have done in 29 days?**

Ans

✗ 1. $\frac{145}{11}$

✗ 2. $\frac{116}{11}$

✗ 3. $\frac{203}{11}$

✓ 4. $\frac{174}{11}$

Question ID : **26433074309**
Status : **Answered**
Chosen Option : **4**

Q.23 **Determine the LCM of two numbers if their HCF is 9 and their ratio is 14 : 19.**

Ans

✓ 1. 2394

✗ 2. 3990

✗ 3. 1596

✗ 4. 3192

Question ID : **26433074259**
Status : **Answered**
Chosen Option : **1**

Q.24 **In $\triangle PQR$, $\angle Q = 90°$, PQ=8 cm and $\angle PRQ=45°$. Find the length of QR.**

Ans

✗ 1. 6 cm

✗ 2. 3 cm

✗ 3. 5 cm

✓ 4. 8 cm

Question ID : **26433058443**
Status : **Answered**
Chosen Option : **4**

Q.25 **In a 1000 m race, Arjun, Balaji and Charan are running. Arjun beats Balaji by 100 m, and Balaji beats Charan by 100 m. In the next 1000 m race (the speeds are the same as in the previous), Balaji gives Charan a head start of 100 m, and Arjun gives Balaji a head start of 100 m. Find the distance by which the winner is ahead of the person just behind him.**

Ans

✗ 1. 100 m

✗ 2. 40 m

✗ 3. 30 m

✓ 4. 20 m

Question ID : **26433075324**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

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

One of the students is always / late to the class; he has been warn / by the teacher many times; / but still, he keeps on being late.

Ans

✗ 1. One of the students is always

✗ 2. but still, he keeps on being late

✗ 3. by the teacher many times;

✓ 4. late to the class; he has been warn

Question ID : **26433092272**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully.**

The percentage of employees who called in sick and the number of employees who left their jobs within 2 years (were reflective of the level of job satisfaction).

Ans

✓ 1. are reflective of the level of job satisfaction

✗ 2. is reflective of the level of job satisfaction

✗ 3. has reflected the level of job satisfaction

✗ 4. were reflective on the level of job satisfaction

Question ID : **26433088965**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **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. Omnivores get energy and nutrients from plant and animal materials by digesting carbs, protein, fat and fibre and metabolising the nutrients and energy of the sources ingested.
B. The many diverse animals categorised as omnivores may be divided into sub-categories based on their dietary habits.
C. An omnivore is an animal that can feed and thrive on both, plant and animal substances.
D. They also have the capacity to integrate food sources like algae, fungus and bacteria into their diet.

Ans

✗ 1. CABD

✗ 2. ACDB

✓ 3. CADB

✗ 4. DCBA

Question ID : **26433093049**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the most appropriate synonym of the underlined word in the following sentence.**
Roads in villages during rainy seasons become <u>muddy.</u>

Ans

✗ 1. fuzzy

✓ 2. filthy

✗ 3. blurred

✗ 4. unsoiled

Question ID : **26433066416**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the most appropriate synonym of the underlined word.**

The poet managed to paint a <u>vivid</u> picture of the landscape by the river through words.

Ans
- ✗ 1. Metaphoric
- ✓ 2. Evocative
- ✗ 3. Contemporary
- ✗ 4. Blurred

Question ID : **26433071777**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the option that expresses the given sentence in active voice.**

I was fascinated by the novel.

Ans
- ✗ 1. The novel was fascinated to me.
- ✓ 2. The novel fascinated me.
- ✗ 3. The novel fascinate me.
- ✗ 4. The novel fascinates me.

Question ID : **26433093529**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the INCORRECTLY spelt word in the following sentence.**
There lies no guarantee that the hierchical structural framework between the elite and downtrodden sections of the society is right.

Ans
- ✓ 1. hierchical
- ✗ 2. guarantee
- ✗ 3. structural
- ✗ 4. downtrodden

Question ID : **26433058569**
Status : **Answered**
Chosen Option : **4**

Q.8 **Select the sentences that contains no spelling errors.**

Ans
- ✗ 1. Diabeties is a chronic disease.
- ✓ 2. Diabetes is a chronic disease.
- ✗ 3. Daibetes is a chronic disease.
- ✗ 4. Diabites is a chronic disease.

Question ID : **26433070686**
Status : **Answered**
Chosen Option : **1**

Q.9 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
The man who / was committed / the theft last night / was caught this evening.

Ans
- ✗ 1. was caught this evening.
- ✓ 2. was committed
- ✗ 3. The man who
- ✗ 4. the theft last night

Question ID : **26433086305**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Health club membership has grown <u>by leaps and bounds</u> after the pandemic.

Ans

✗ 1. slowly and gradually

✗ 2. full of speed and excitement

✗ 3. hurriedly

✓ 4. very quickly

Question ID : **26433071891**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the most appropriate meaning of the given idiom.**
Steer clear of

Ans

✗ 1. Show someone how to do a job or activity

✗ 2. Be very easy

✓ 3. Avoid someone or something because it is dangerous for you

✗ 4. Be mentally and physically exhausted

Question ID : **26433060469**
Status : **Answered**
Chosen Option : **3**

Q.12 **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'.**

The students decided to surprise <u>their teacher on her birthday</u>.

Ans

✗ 1. their teacher at her birthday

✗ 2. there teacher on her birthday

✗ 3. her teacher on her birthday

✓ 4. No substitution

Question ID : **26433073942**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the option that expresses the given sentence in active voice.**

The driver was taken to the nearest dispensary by the beggars.

Ans

✗ 1. The beggars take the driver to the nearest dispensary.

✗ 2. The beggars took the driver to dispensary.

✓ 3. The beggars took the driver to the nearest dispensary.

✗ 4. To the nearest dispensary, the beggars took the driver.

Question ID : **26433088554**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
He <u>was sitting besides his</u> best friend during the event.

Ans
✗ 1. was sitting about his
✓ 2. was sitting beside his
✗ 3. were sitting besides his
✗ 4. was sitting besides her

Question ID : **26433084629**
Status : **Answered**
Chosen Option : **2**

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

The efforts of the doctors came to a <u>futile</u> end with the death of the patient.

Ans
✓ 1. Fruitless
✗ 2. Enriching
✗ 3. Startling
✗ 4. Terrifying

Question ID : **26433071957**
Status : **Answered**
Chosen Option : **1**

Q.16 **Complete the following collocation.**

When I got the job, I knew what _____ money really is.

Ans
✗ 1. effort-earned
✗ 2. soft-earned
✓ 3. hard-earned
✗ 4. honest-earned

Question ID : **26433073930**
Status : **Answered**
Chosen Option : **3**

Q.17 **Rearrange the parts of the sentence in correct order.**
Russell Wilson, an NFL
P. about Naomi Osaka saying that her
Q. has been spectacular to watch
R. humility and dedication to others
S. player for the Seattle Seahawks, wrote

Ans
✓ 1. SPRQ
✗ 2. PRQS
✗ 3. RPQS
✗ 4. QPRS

Question ID : **264330104674**
Status : **Answered**
Chosen Option : **1**

Q.18 **Select the most appropriate collocating word to fill in the blank.**

This statement of the political leader has created_____confusion.

Ans

✔ 1. utter

✘ 2. heavy

✘ 3. weighty

✘ 4. vast

Question ID : **26433070453**
Status : **Answered**
Chosen Option : **1**

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

Marcella seemed <u>morose</u> and downcast when she refused to have dinner.

Ans

✘ 1. Jocund

✘ 2. Excited

✔ 3. Gloomy

✘ 4. Liberal

Question ID : **26433070507**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the correct direct form of the given sentence.**
Shravan said that the prisoner had slept throughout the journey.

Ans

✘ 1. Shravan said, "The prisoner sleeps throughout the journey."

✘ 2. Shravan said, "The prisoner had been sleeping throughout the journey."

✘ 3. Shravan says, "The prisoner has slept throughout the journey."

✔ 4. Shravan said, "The prisoner had slept throughout the journey."

Question ID : **264330104630**
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.

Comics have (1) _____ many superheroes. Bantul, the great was (2) _____ in the year 1965 in the backdrop of the Indo-Pak war. Indrajal comics was set up in 1964 and (3) _____ Aabid Surti, who gave birth to a character called Bhadur in 1976 wearing kurta and jeans. Raj comics too (4) _____ into this sphere with their (5) _____ toons Nagraj, Tiranga and Shakti together called Brahman Rakshak (protectors of the universe).

SubQuestion No : 21

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

Ans

✘ 1. built

✔ 2. produced

✘ 3. fabricated

✘ 4. manufactured

Question ID : **26433072854**
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.

Comics have (1) _____ many superheroes. Bantul, the great was (2) _____ in the year 1965 in the backdrop of the Indo-Pak war. Indrajal comics was set up in 1964 and (3) _____ Aabid Surti, who gave birth to a character called Bhadur in 1976 wearing kurta and jeans. Raj comics too (4) _____ into this sphere with their (5) _____ toons Nagraj, Tiranga and Shakti together called Brahman Rakshak (protectors of the universe).

SubQuestion No : 22

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

Ans

✗ 1. generated

✗ 2. inspired

✗ 3. promoted

✓ 4. created

Question ID : **26433072855**
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.

Comics have (1) _____ many superheroes. Bantul, the great was (2) _____ in the year 1965 in the backdrop of the Indo-Pak war. Indrajal comics was set up in 1964 and (3) _____ Aabid Surti, who gave birth to a character called Bhadur in 1976 wearing kurta and jeans. Raj comics too (4) _____ into this sphere with their (5) _____ toons Nagraj, Tiranga and Shakti together called Brahman Rakshak (protectors of the universe).

SubQuestion No : 23

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

Ans

✓ 1. employed

✗ 2. ordered

✗ 3. contracted

✗ 4. authorised

Question ID : **26433072856**
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.

Comics have (1) _____ many superheroes. Bantul, the great was (2) _____ in the year 1965 in the backdrop of the Indo-Pak war. Indrajal comics was set up in 1964 and (3) _____ Aabid Surti, who gave birth to a character called Bhadur in 1976 wearing kurta and jeans. Raj comics too (4) _____ into this sphere with their (5) _____ toons Nagraj, Tiranga and Shakti together called Brahman Rakshak (protectors of the universe).

SubQuestion No : 24

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

Ans

✗ 1. invaded

✗ 2. penetrated

✓ 3. entered

✗ 4. pierced

Question ID : **26433072857**
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.

Comics have (1) _____ many superheroes. Bantul, the great was (2) _____ in the year 1965 in the backdrop of the Indo-Pak war. Indrajal comics was set up in 1964 and (3) _____ Aabid Surti, who gave birth to a character called Bhadur in 1976 wearing kurta and jeans. Raj comics too (4) _____ into this sphere with their (5) _____ toons Nagraj, Tiranga and Shakti together called Brahman Rakshak (protectors of the universe).

SubQuestion No : 25

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

Ans

✗ 1. noted

✗ 2. influential

✓ 3. famous

✗ 4. good

Question ID : **26433072858**
Status : **Answered**
Chosen Option : **3**