Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Trinity 2 Headway 2 Kokta Bypass Road
Exam Date	02/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **Four letter-clusters have been given out of which three are alike in some manner and one is different. Select the one that is different.**

Ans

✗ 1. SQO

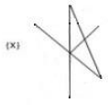
✗ 2. YWU

✗ 3. MKI

✓ 4. GED

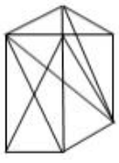
Question ID : **26433068503**
Status : **Answered**
Chosen Option : **4**

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



Ans

✗ 1.



✗ 2.

✓ 3.

✗ 4.

Question ID : **26433068905**
Status : **Answered**
Chosen Option : **3**

Q.3 **In a certain code language, 'feel at home' is coded as '424', 'check the laundry' is coded as '537' and 'open the door' is coded as '434'. How will 'the kite is flying' be coded in that language?**

Ans

✗ 1. 2315

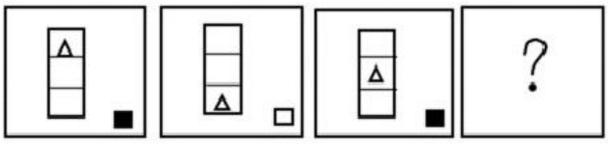
✗ 2. 3251

✗ 3. 4362

✓ 4. 3426

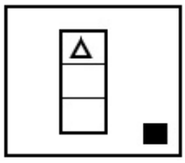
Question ID : **26433067774**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the figure that will replace the question mark (?) in the following figure series.

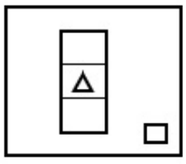


Ans

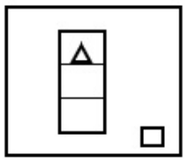
✗ 1.



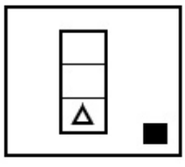
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433065979**
Status : **Answered**
Chosen Option : **3**

Q.5 **Which letter-cluster will replace the question mark (?) to complete the given series?**
MBTN, KCSP, IDRR, ?, EFPV

Ans

✗ 1. GERT

✓ 2. GEQT

✗ 3. GEQU

✗ 4. GEQS

Question ID : **26433065952**
Status : **Answered**
Chosen Option : **2**

Q.6 **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. (405 –400 –395)
✓ 2. (700 –690 –685)
✗ 3. (550 –545 –540)
✗ 4. (620 – 615 –610)

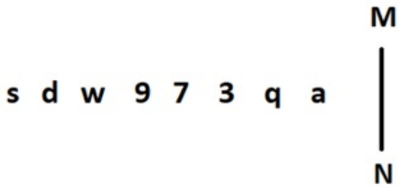
Question ID : **264330105080**
Status : **Answered**
Chosen Option : **2**

Q.7 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
LMR, PUA, TCJ, XKS, ?

Ans
✗ 1. CMQ
✗ 2. ARA
✗ 3. SMR
✓ 4. BSB

Question ID : **264330104812**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.



Ans
✓ 1. ɒ p ɛ ɾ e w b ƨ
✗ 2. ɒ d ɛ ɾ ə w b ƨ
✗ 3. ɡ p ɛ ɾ ə w b ƨ
✗ 4. ɒ d ɛ ʃ ə w b ƨ

Question ID : **26433070254**
Status : **Answered**
Chosen Option : **1**

Q.9 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1- Kinglet
2- Kingship
3- Kingdom
4- Kinsfolk
5- Kingly

Ans
✗ 1. 1, 3, 2, 5, 4
✗ 2. 3, 1, 2, 5, 4
✗ 3. 1, 3, 5, 2, 4
✓ 4. 3, 1, 5, 2, 4

Question ID : **26433079457**
Status : **Answered**
Chosen Option : **4**

Q.10 **Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.**
687 : 612 :: 713 : ? :: 621 : 546

Ans
✗ 1. 656
✗ 2. 674
✗ 3. 662
✓ 4. 638

Question ID : **26433067906**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.11 **In a certain code language, 'EAGER' is written as 'AEHRE' and 'GIRLS' is written as 'IGSSL'. How will 'ISSUE' be written in that language?**

Ans
✗ 1. ISTEU
✗ 2. ISTUE
✓ 3. SITEU
✗ 4. ISSEU

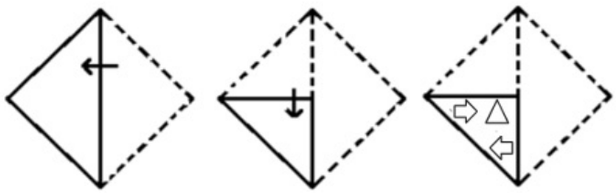
Question ID : **26433069571**
Status : **Answered**
Chosen Option : **3**

Q.12 **By interchanging the given two signs which of the following equation will be not correct?**
– and ×

Ans
✗ 1. 5 – 6 × 3 + 16 ÷ 4 = 31
✗ 2. 11 + 6 × 3 – 8 ÷ 2 = 5
✗ 3. 7 × 8 + 4 ÷ 2 – 6 = 11
✓ 4. 7 × 2 + 27 ÷ 9 – 4 = 18

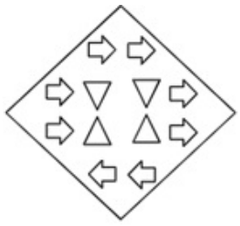
Question ID : **264330105125**
Status : **Answered**
Chosen Option : **4**

Q.13 A paper is folded and cut as shown below. How will it appear when unfolded?

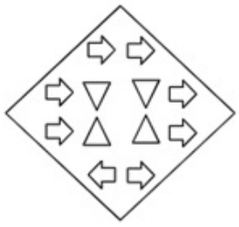


Ans

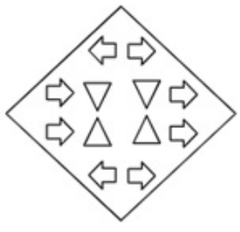
✗ 1.



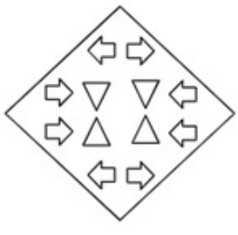
✗ 2.



✗ 3.



✓ 4.



Question ID : **26433080553**
Status : **Answered**
Chosen Option : **4**

Q.14 **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)
Hen : Coop

Ans

✗ 1. Horse : Field

✓ 2. Bee : Hive

✗ 3. Elephant : Leaves

✗ 4. Cow : Hay

Question ID : **26433068415**
Status : **Answered**
Chosen Option : **2**

Q.15 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 : **26433080507**
Status : **Not Answered**
Chosen Option : **--**

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 P is the father of R?**

Ans

✗ 1. P ÷ Q × R

✓ 2. P × Q ÷ R

✗ 3. P × Q – R

✗ 4. P × R ÷ Q

Question ID : **264330104995**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the set in which the numbers are related in the same way as are the numbers of the following set.**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)
(3, 2, 35)
(1, 4, 65)

Ans

✓ 1. (7, 2, 351)

✗ 2. (3, 2, 31)

✗ 3. (5, 4, 41)

✗ 4. (6, 8, 224)

Question ID : **26433069246**
Status : **Answered**
Chosen Option : **4**

Q.18 **In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.**
Statements:
I. All A are R.
II. All R are C.
Conclusions:
I. All A are C.
II. Some R are A.
III. No C is R.

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

Question ID : **264330104946**
Status : **Answered**
Chosen Option : **4**

Q.19 **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)**
Knife : Cut :: Ladle : ?

Ans
✗ 1. Chop
✓ 2. Serve
✗ 3. Slice
✗ 4. Spread

Question ID : **26433067812**
Status : **Answered**
Chosen Option : **4**

Q.20 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
25 * 5 * 10 * 2 * 13

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

Question ID : **26433068565**
Status : **Answered**
Chosen Option : **4**

Q.21 **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 tomatoes are peas.
Some peas are potatoes.
All potatoes are fruits.
Conclusions:
I. Some tomatoes are potatoes.
II. Some fruits are potatoes.
III. Some peas are fruits.

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

Question ID : **26433070403**
Status : **Marked For Review**
Chosen Option : **3**

Q.22 **'A @ B' means 'A is the husband of B'.**
'A & B' means 'A is the father of B'.
'A # B' means 'B is the son of A'.
If K # L & M @ N # P, then how is P related to K?

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

Question ID : **26433068459**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 **By interchanging the given two signs which of the following equation will be not correct?**
– and ÷

Ans
✓ 1. 20 × 8 – 4 ÷ 2 + 7 = 50
✗ 2. 35 – 5 + 8 ÷ 4 × 3 = 3
✗ 3. 10 + 8 × 6 – 4 ÷ 2 = 20
✗ 4. 12 – 4 + 11 × 3 ÷ 8 = 28

Question ID : **264330105122**
Status : **Answered**
Chosen Option : **1**

Q.24 **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**
First row: 18, 9, 27
Second row: 40, 36, 140
Third row: 40, 13, ?
(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. 53
✗ 2. 54
✓ 3. 25
✗ 4. 45

Question ID : **26433069124**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.25 **Which of the following numbers will replace the question mark (?) in the given series?**
29, 33, ?, 113, 369

Ans
✗ 1. 55
✗ 2. 51
✗ 3. 54
✓ 4. 49

Question ID : **26433068330**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 **Which of the following players is associated with boxing?**

Ans
✗ 1. Archana Kamat
✓ 2. Lovlina Borgohain
✗ 3. Hima Das
✗ 4. Monica Batra

Question ID : **26433071537**
Status : **Answered**
Chosen Option : **2**

Q.2 **Who among the following Indian music directors won the Best Original Score at Amsterdam International Film Festival in 2022?**

Ans
✗ 1. A.R.Rahman
✗ 2. Santosh Narayanan
✗ 3. Harris Jayaraj
✓ 4. Ilaiyaraaja

Question ID : **26433054475**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **In 2015, the Planning Commission was replaced with the _____.**

Ans
✗ 1. Monetary Policy Committee
✗ 2. Competition Commission of India
✗ 3. NaBFID
✓ 4. NITI Aayog

Question ID : **26433090754**
Status : **Answered**
Chosen Option : **4**

Q.4 **Which of the following is an organic compound with the formula $CH_3OC_6H_5$ used as a perfume, fragrance and solvent?**

Ans
✓ 1. Anisole
✗ 2. Toluene
✗ 3. Acetophenone
✗ 4. Aniline

Question ID : **26433064071**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **_____ in a particular direction is velocity.**

Ans
✗ 1. Acceleration
✗ 2. Displacement
✓ 3. Speed
✗ 4. Distance

Question ID : **264330105465**
Status : **Answered**
Chosen Option : **3**

Q.6 **Birju Maharaj was awarded which of the following awards in 2012?**

Ans
✗ 1. Sangam Kala Award
✗ 2. Filmfare Award
✓ 3. National Film Award
✗ 4. Sangeet Natak Akademi Award

Question ID : **26433090702**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Which of the following is commonly known as Quicklime?**

Ans
✗ 1. $CaSO_4$
✗ 2. $CaCl_2$
✗ 3. $Ca(OH)_2$
✓ 4. CaO

Question ID : **26433066467**
Status : **Answered**
Chosen Option : **4**

Q.8 **Which road plan in India was the first attempt for the Road Development Programme between 1943-1963?**

Ans

✗ 1. Poona Road Plan

✓ 2. Nagpur Road Plan

✗ 3. Bombay Road Plan

✗ 4. Lucknow Road Plan

Question ID : **26433090759**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **In August 2022, the "SMILE-75 Initiative" was launched by Ministry of Social Justice & Empowerment. What is the objective of this scheme?**

Ans

✗ 1. To provide education and training to the weaker sections of the society

✗ 2. To improve immunisation coverage for children and pregnant women in India

✗ 3. To accelerate the development of biopharmaceuticals

✓ 4. To make our cities/town and municipal areas begging-free.

Question ID : **264330105304**
Status : **Answered**
Chosen Option : **4**

Q.10 **In which year were the 73rd and 74th amendments passed by the Parliament?**

Ans

✗ 1. 1989

✓ 2. 1992

✗ 3. 1990

✗ 4. 1995

Question ID : **26433064834**
Status : **Answered**
Chosen Option : **2**

Q.11 **Roshan Kumari is an exponent of which Indian classical dance form?**

Ans

✓ 1. Kathak

✗ 2. Odissi

✗ 3. Bharatanatyam

✗ 4. Kathakali

Question ID : **26433054328**
Status : **Answered**
Chosen Option : **1**

Q.12 **Where is the Sair-E-Gul Faroshan festival held?**

Ans

✗ 1. Mussoorie

✗ 2. Mumbai

✓ 3. Delhi

✗ 4. Shimla

Question ID : **26433074079**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Where and when will the fourth edition of the Winter Youth Olympic Games be held?

Ans

✗ 1. 2024 Nanjing

✗ 2. 2026, Dakar

✗ 3. 2023 Buenos Aires

✓ 4. 2024 Gangwon

Question ID : **26433059413**
Status : **Not Answered**
Chosen Option : **--**

Q.14 According to census 2011, which is the least populous state in India?

Ans

✗ 1. Nagaland

✓ 2. Sikkim

✗ 3. Arunachal Pradesh

✗ 4. Goa

Question ID : **264330105535**
Status : **Answered**
Chosen Option : **2**

Q.15 Dadabhai Naoroji was a _____.

Ans

✓ 1. Businessman

✗ 2. Doctor

✗ 3. Soldier

✗ 4. British Officer

Question ID : **264330105565**
Status : **Answered**
Chosen Option : **1**

Q.16 Vetti tax that is mentioned in the inscriptions of the Chola dynasty was taken in _____ form.

Ans

✗ 1. Crops

✗ 2. Land revenue

✗ 3. Cash

✓ 4. Forced labour

Question ID : **264330105405**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following statements is correct?

Ans

✓ 1. Water is a cyclic resource.

✗ 2. Water has only one state.

✗ 3. Water a non-renewable resource.

✗ 4. Water is a biotic resource.

Question ID : **26433082218**
Status : **Answered**
Chosen Option : **1**

Q.18 **The Chinese Buddhist pilgrim, Xuan Zang, came to the Indian subcontinent about _____ years ago.**

Ans

✗ 1. 1100

✗ 2. 1700

✗ 3. 2000

✓ 4. 1400

Question ID : **264330105190**
Status : **Answered**
Chosen Option : **4**

Q.19 **Identify an example of decomposers that are found in the bottom of a pond.**

Ans

✗ 1. Zooplankton

✗ 2. Jellyfishes

✓ 3. Flagellates

✗ 4. Phytoplankton

Question ID : **26433087873**
Status : **Answered**
Chosen Option : **4**

Q.20 **The _____ is a set of written rules that are accepted by all people living within a country.**

Ans

✗ 1. Writ

✗ 2. Document

✓ 3. Constitution

✗ 4. Bill

Question ID : **26433086760**
Status : **Answered**
Chosen Option : **3**

Q.21 **Which of the following is NOT an advantage of E-Commerce?**

Ans

✗ 1. Cost saving and price reduction

✓ 2. Late response to customer needs

✗ 3. Wider choice

✗ 4. Improved customer services

Question ID : **26433064523**
Status : **Answered**
Chosen Option : **2**

Q.22 **Who has been appointed as the Director General, National Centre for Good Governance (NCGG) in September 2022?**

Ans

✗ 1. Tarun Kapoor

✗ 2. Rajiv Bahl

✗ 3. Pralay Mondal

✓ 4. Bharat Lal

Question ID : **264330105324**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Sultan Mahmud of Ghazni was a contemporary of which Chola king?

Ans
✗ 1. Rajaraja I
✗ 2. Rajendra II
✗ 3. Rajadhiraja
✓ 4. Rajendra I

Question ID : **264330105440**
Status : **Not Answered**
Chosen Option : **--**

Q.24 In April 2022, which scheme was selected for PM's Award for Excellence in Public Administration?

Ans
✗ 1. Smile
✗ 2. Beti Bachao Beti Padhao
✓ 3. UDAN
✗ 4. Make in India

Question ID : **264330105303**
Status : **Not Answered**
Chosen Option : **--**

Q.25 The Sunderban delta is the home of which of the following animal?

Ans
✗ 1. Asiatic Cheetah
✗ 2. Asiatic Lions
✓ 3. Royal Bengal Tiger
✗ 4. Black Panther

Question ID : **264330105663**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 By selling a car for Rs.2,78,000, a dealer gains 25%. If the profit is reduced to 18%, then the selling price will be:

Ans
✓ 1. Rs.2,62,432
✗ 2. Rs.2,65,432
✗ 3. Rs.2,72,432
✗ 4. Rs.2,60,432

Question ID : **26433063694**
Status : **Answered**
Chosen Option : **1**

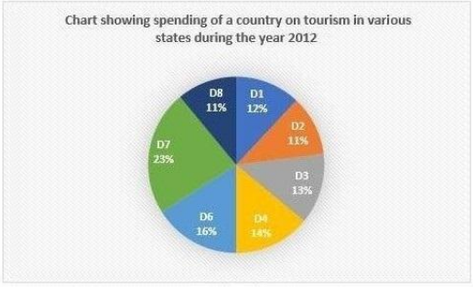
Q.2 A and B together can do a piece of work in 50 days. If A is 40% less efficient than B, in how many days can A working alone complete 60% of the work?

Ans
✗ 1. 70
✗ 2. 110
✓ 3. 80
✗ 4. 105

Question ID : **26433081073**
Status : **Answered**
Chosen Option : **3**

Q.3 The following pie chart shows the spending of a country on tourism in various states during the year 2012.

Total spending of the country = ₹49,62,000



The amount spent on state together D1 and D4 exceeds that spent on together D2 and D8 by:

Ans

✗ 1. ₹1,89,760

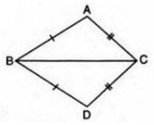
✗ 2. ₹1,97,890

✓ 3. ₹1,98,480

✗ 4. ₹1,78,960

Question ID : **26433082672**
Status : **Answered**
Chosen Option : **3**

Q.4 In the given figure, AB = DB and AC = DC. If $\angle ABD = 58^\circ$ and $\angle DBC = (2x-4)^\circ, \angle ACB = (y+15)^\circ$ and $\angle DCB = 63^\circ$, then the value of $2x + 5y$ is:



Ans

✗ 1. 325

✓ 2. 273

✗ 3. 259

✗ 4. 268

Question ID : **26433075334**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.5 Three numbers are in the ratio of 2 : 3 : 5 and their LCM is 90. Find their HCF.

Ans

✗ 1. 9

✗ 2. 1

✗ 3. 6

✓ 4. 3

Question ID : **26433074251**
Status : **Answered**
Chosen Option : **1**

Q.6 Study the given table and answer the question that follows.

The table shows the number of customers for different services in different cities.

City → Services ↓	X	Y	Z
A	250	175	350
B	220	190	240
C	260	200	270
D	245	185	330

In which service is the average number of customers per city the highest?

Ans
✗ 1. C
✓ 2. A
✗ 3. D
✗ 4. B

Question ID : **26433085472**
Status : **Answered**
Chosen Option : **3**

Q.7 **On simple interest a sum of ₹640 becomes ₹832 in 2 years. What will ₹860 become in 4 years at the same rate of simple interest?**

Ans
✗ 1. ₹1,250
✓ 2. ₹1,376
✗ 3. ₹1,426
✗ 4. ₹1,150

Question ID : **26433082398**
Status : **Answered**
Chosen Option : **2**

Q.8 If $x + \frac{1}{x} = 8$, then find the value of $\frac{5}{x^2 - 8x + 2}$.

Ans
✗ 1. 3
✗ 2. 4
✗ 3. 0
✓ 4. 5

Question ID : **26433075034**
Status : **Answered**
Chosen Option : **4**

Q.9 **The average weight of 49 students in a class is 39 kg. Seven of them whose average weight is 40 kg leave the class and other seven students whose average weight is 54 kg join the class. What is the new average weight (in kg) of the class?**

Ans
✓ 1. 41
✗ 2. 39
✗ 3. 42
✗ 4. 40

Question ID : **26433063769**
Status : **Answered**
Chosen Option : **1**

Q.10 Study the table given below and answer the questions that follows.

Countries	Number of Tests	Positive cases	Number of patients for Ventilators
The US	14000	12%	20%
Spain	12000	8%	12.5%
Italy	10000	12%	16%
China	10000	11%	15%

According to the table given above, which country has the maximum number of positive cases?

Ans
✔ 1. The US
✘ 2. China
✘ 3. Spain
✘ 4. Italy

Question ID : **26433087396**
Status : **Answered**
Chosen Option : **1**

Q.11 If $\tan A + \cot A = 2$, then the value of $2(\tan^2 A + \cot^2 A)$ is:

Ans
✘ 1. 1
✔ 2. 4
✘ 3. 2
✘ 4. 3

Question ID : **26433062675**
Status : **Answered**
Chosen Option : **2**

Q.12 A shopkeeper gives two successive discounts on a watch marked ₹2,750. The first discount given is 10%. If the customer pays ₹2,103.75 for the watch, then what is the second discount?

Ans
✔ 1. 15%
✘ 2. 30%
✘ 3. 12%
✘ 4. 10%

Question ID : **26433076180**
Status : **Answered**
Chosen Option : **1**

Q.13 Which of the following numbers are divisible by 2, 3 and 5?

Ans
✘ 1. 5467760
✘ 2. 1345678
✔ 3. 2345760
✘ 4. 2456732

Question ID : **26433075225**
Status : **Answered**
Chosen Option : **3**

Q.14 **Two trains P and Q start from stations S and T towards each other. Train P takes 4 hours 48 minutes and train Q takes 3 hours 20 minutes to reach T and S, respectively, after they meet. If the speed of train P is 45 km/h, what is the speed of train Q?**

Ans

✗ 1. 48 km/h

✗ 2. 50 km/h

✓ 3. 54 km/h

✗ 4. 55 km/h

Question ID : **26433073112**
Status : **Answered**
Chosen Option : **3**

Q.15 **If** $\frac{(1-\cos\theta)}{\sin\theta}=\frac{1}{5}$ **, then what will be the value of** $\frac{(1+\cos\theta)}{\sin\theta}$ **?**

Ans

✓ 1. 5

✗ 2. 2/5

✗ 3. 4/5

✗ 4. 1/5

Question ID : **264330105892**
Status : **Answered**
Chosen Option : **1**

Q.16 **If** $K+\frac{1}{K}=3$ **, then what is the value of** $\frac{1}{K^3}+K^3$ **?**

Ans

✗ 1. 36

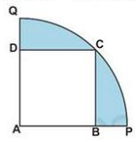
✗ 2. 10

✓ 3. 18

✗ 4. 54

Question ID : **264330105919**
Status : **Answered**
Chosen Option : **3**

Q.17 In the given figure, a square ABCD is inscribed in a quadrant APCQ. If AB = 16 cm, find the area of the shaded region (take $\pi = 3.14$) correct to two places of decimal.



Ans

✗ 1. $155.98\ cm^2$

✗ 2. $179.68\ cm^2$

✗ 3. $163.85\ cm^2$

✓ 4. $145.92\ cm^2$

Question ID : **26433065014**
Status : **Answered**
Chosen Option : **4**

Q.18 O is the incentre of the triangle PQR. If angle POR = 140 degree, then what is the angle PQR?

Ans

✗ 1. 40 degree

✓ 2. 140 degree

✗ 3. 100 degree

✗ 4. 70 degree

Question ID : **264330105843**
Status : **Answered**
Chosen Option : **3**

Q.19 If the side of an equilateral triangle is 20 cm, then what is its area?

Ans

✗ 1. $110\sqrt{3}$ cm^2

✗ 2. $125\sqrt{3}$ cm^2

✗ 3. $200\sqrt{3}$ cm^2

✓ 4. $100\sqrt{3}$ cm^2

Question ID : **264330105820**
Status : **Answered**
Chosen Option : **4**

Q.20 Which of the following statement is correct?

I. The value of $100^2 - 99^2 + 98^2 - 97^2 + 96^2 - 95^2 + 94^2 - 93^2 + \ldots\ldots + 2^2 - 1^2$ is 5050.

II. If $8x + \frac{8}{x} = -16$ and $x < 0$, then the value of $x^{197} + x^{-197}$ is 2.

Ans

✓ 1. Only I

✗ 2. Only II

✗ 3. Both I and II

✗ 4. Neither I nor II

Question ID : **264330105959**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.21 If $\sin A = \frac{4}{5}$ and $\sin B = \frac{15}{17}$, what is the value of $\sin (A - B)$?

Ans
1. $-\frac{32}{45}$
2. $-\frac{13}{85}$
3. $\frac{13}{85}$
4. $\frac{32}{45}$

Question ID : **26433061937**
Status : **Answered**
Chosen Option : **2**

Q.22 From the circumcentre L of ΔXYZ, perpendicular LM is drawn on side YZ. If $\angle YXZ = 60°$, then the measure of $\angle YLM$ is:

Ans
1. $60°$
2. $120°$
3. $180°$
4. $90°$

Question ID : **26433083069**
Status : **Answered**
Chosen Option : **2**

Q.23 **The number of books on Mathematics, Physics and Chemistry in a University library is in the ratio 8 : 5 : 9. There is a proposal to increase these books by 10%, 5% and 5% respectively. What will be the ratio of the number of books after increment?**

Ans
1. 212 : 117 : 47
2. 37 : 47 : 83
3. 176 : 105 : 189
4. 189 : 115 : 117

Question ID : **26433074956**
Status : **Answered**
Chosen Option : **3**

Q.24 **Ratio between the present ages of A and B is 2 : 3, respectively. After 5 years, the ratio between their ages will be 3 : 4. What is B's age at present?**

Ans
1. 20 years
2. 15 years
3. 10 years
4. 25 years

Question ID : **26433065078**
Status : **Answered**
Chosen Option : **2**

Q.25 Who scored the least marks in aggregate of all the subjects?

Name of the student	SUBJECT		
	English	Hindi	Maths
A	54	65	67
B	52	88	78
C	48	48	67
D	41	87	60
E	74	70	55

Ans
✗ 1. D
✗ 2. E
✗ 3. A
✓ 4. C

Question ID : **26433080383**
Status : **Answered**
Chosen Option : **4**

Section : **English Comprehension**

Q.1 **Select the most appropriate collocating word to fill in the blank.**

After having understood the ill effects, he said he would_____drinking alcohol.

Ans
✓ 1. quit
✗ 2. finish
✗ 3. close
✗ 4. terminate

Question ID : **26433070450**
Status : **Answered**
Chosen Option : **1**

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

Remorse

Ans
✓ 1. Repentance
✗ 2. Slow
✗ 3. Liberate
✗ 4. Affinity

Question ID : **26433072196**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the most appropriate word for the underlined word in the given sentence.**

Rajesh was angry <u>at</u> himself for making a silly mistake during the examination.

Ans

✗ 1. for

✗ 2. on

✗ 3. above

✓ 4. with

Question ID : **26433088313**
Status : **Answered**
Chosen Option : **4**

Q.4 **Rectify the sentence by selecting the correct spelling of the underlined word.**

I would never <u>ascociate</u> with such a person.

Ans

✓ 1. associate

✗ 2. accosiate

✗ 3. assosiate

✗ 4. asosiate

Question ID : **26433065147**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the most appropriate ANTONYM of the underlined word.**
The number of tests conducted dropped further on Saturday with a total of 67,624 tests of which 20% were the less <u>precise</u> rapid antigen tests.

Ans

✗ 1. Complicated

✗ 2. Inevitable

✓ 3. Rough

✗ 4. Adequate

Question ID : **26433061560**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the most appropriate meaning of the underlined segment in the given sentence.**

By the end of the football match, feelings had <u>reached fever pitch</u>.

Ans

✗ 1. in or to many places

✓ 2. to get so strong that one cannot control them

✗ 3. be extremely serious and worrying

✗ 4. start well

Question ID : **26433059819**
Status : **Answered**
Chosen Option : **2**

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

A speech made without preparation

Ans
✔ 1. Extempore
✘ 2. Rhetoric
✘ 3. Deliberation
✘ 4. Spontaneous

Question ID : **26433072547**
Status : **Answered**
Chosen Option : **1**

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

To smell a rat

Ans
✘ 1. To have reason to know the presence of a rat
✔ 2. To have reason to suspect
✘ 3. To know the smell of a rat
✘ 4. To learn the smell of a rat

Question ID : **26433072217**
Status : **Answered**
Chosen Option : **2**

Q.9 **Select the correct indirect form of the given sentence.**
Priya said, "Yes, I am confounded."

Ans
✘ 1. Priya admitted that she was confound.
✘ 2. Priya admit that she was confounded.
✔ 3. Priya admitted that she was confounded.
✘ 4. Priya admitted that she is confounded.

Question ID : **264330104614**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the correct passive form of the given sentence.**
People speak Cantonese in Hong-Kong.

Ans
✘ 1. Cantonese was spoken in Hong-Kong.
✔ 2. Cantonese is spoken in Hong-Kong.
✘ 3. Cantonese was spoken in Hong-Kong by people.
✘ 4. Cantonese is being spoken in Hong-Kong.

Question ID : **264330104551**
Status : **Answered**
Chosen Option : **2**

Q.11 **Parts of the following sentence have been given as options. Select the option that contains an error.**

She, often, accuses him for a lack of morality.

Ans

✗ 1. She often

✗ 2. a lack of morality

✓ 3. No error

✗ 4. accuses him for

Question ID : **26433089090**
Status : **Answered**
Chosen Option : **2**

Q.12 **Choose the incorrectly spelt word.**

Ans

✗ 1. Professional

✗ 2. Dubious

✗ 3. Nefarious

✓ 4. Consumate

Question ID : **264330104740**
Status : **Answered**
Chosen Option : **4**

Q.13 **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'.**

We live in a <u>populated</u> country of 120 million people.

Ans

✗ 1. congested

✗ 2. dense

✓ 3. populous

✗ 4. No substitute

Question ID : **26433073902**
Status : **Answered**
Chosen Option : **3**

Q.14 **Rearrange the parts of the sentence in correct order.**
According to the report,
P. the 2021 projections reflect growing
Q. recognition of climate change issues
R. and the importance of nuclear power in
S. reducing emissions from electricity generation

Ans

✗ 1. QRSP

✗ 2. QPRS

✗ 3. PSQR

✓ 4. PQRS

Question ID : **264330104693**
Status : **Answered**
Chosen Option : **4**

Q.15 **Select the most appropriate ANTONYM of the underlined word in the context of its meaning in the sentence.**

A few chocolates were <u>left</u> after the Halloween's trick or treat fair.

Ans
✗ 1. stayed
✓ 2. finished
✗ 3. right
✗ 4. present

Question ID : **26433061041**
Status : **Answered**
Chosen Option : **4**

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

The patient was _____ from the hospital.

Ans
✗ 1. liberated
✓ 2. discharged
✗ 3. let out
✗ 4. released

Question ID : **26433087938**
Status : **Answered**
Chosen Option : **2**

Q.17 **The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.**
P. Many deadwood beetle species recycle the nutrients of woodlands.
Q. Some deadwood beetles are predators or parasitoids to other insect species and restrict population growth of potential pests.
R. Others have recently been found to be pollinators.
S. Working alongside fungi, bacteria and other invertebrates, they break down dead wood and return the nutrients back to the soil.

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

Question ID : **264330104698**
Status : **Answered**
Chosen Option : **1**

Q.18 **Select the option that expresses the given sentence in active voice.**

The keys have been forgotten by Jyoti.

Ans
✗ 1. Jyoti will have forgotten the keys.
✗ 2. Jyoti had forgotten the keys.
✗ 3. Jyoti has been forgetting the keys.
✓ 4. Jyoti has forgotten the keys.

Question ID : **26433091861**
Status : **Answered**
Chosen Option : **4**

Q.19 **Parts of the following sentence have been given as options. Select the option that contains a grammatical error.**

There was no denying the fact / that King Lear confided to / his daughter Cordelia / more than anybody else.

Ans

✔ 1. that King Lear confided to

✘ 2. There was no denying the fact

✘ 3. more than anybody else.

✘ 4. his daughter Cordelia

Question ID : **26433073831**
Status : **Answered**
Chosen Option : **2**

Q.20 **Select the most appropriate ANTONYM of the given word.**

Polite

Ans

✔ 1. Rude

✘ 2. Civil

✘ 3. Decent

✘ 4. Sober

Question ID : **26433060896**
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.

Little (1)_____ a year ago, Rama Rao went out of work when a gramophone company, of which he was the Malgudi agent, went out of existence. He had put into that agency the little money he had (2)_____ as security. For five years his business brought him (3)_____ money, just enough to help him keep his wife and children in good comfort. And one day, it was (4)_____. A series of (5)_____ in the world of trade, commerce, banking, and politics was responsible for it.

SubQuestion No : 21

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

Ans

✘ 1. while

✘ 2. beyond

✘ 3. about

✔ 4. over

Question ID : **26433086509**
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.

Little (1)_____ a year ago, Rama Rao went out of work when a gramophone company, of which he was the Malgudi agent, went out of existence. He had put into that agency the little money he had (2)_____ as security. For five years his business brought him (3)_____ money, just enough to help him keep his wife and children in good comfort. And one day, it was (4)_____. A series of (5)_____ in the world of trade, commerce, banking, and politics was responsible for it.

SubQuestion No : 22

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

Ans

✗ 1. converted

✗ 2. exchanged

✓ 3. inherited

✗ 4. gambled

Question ID : **26433086510**
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.

Little (1)_____ a year ago, Rama Rao went out of work when a gramophone company, of which he was the Malgudi agent, went out of existence. He had put into that agency the little money he had (2)_____ as security. For five years his business brought him (3)_____ money, just enough to help him keep his wife and children in good comfort. And one day, it was (4)_____. A series of (5)_____ in the world of trade, commerce, banking, and politics was responsible for it.

SubQuestion No : 23

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

Ans

✓ 1. enough

✗ 2. much

✗ 3. a few

✗ 4. few

Question ID : **26433086511**
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.

Little (1)_____ a year ago, Rama Rao went out of work when a gramophone company, of which he was the Malgudi agent, went out of existence. He had put into that agency the little money he had (2)_____ as security. For five years his business brought him (3)_____ money, just enough to help him keep his wife and children in good comfort. And one day, it was (4)_____. A series of (5)_____ in the world of trade, commerce, banking, and politics was responsible for it.

SubQuestion No : 24

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

Ans

✗ 1. a wild goose chase

✗ 2. a snake in the grass

✗ 3. a bone of contention

✓ 4. a bolt from the blue

Question ID : **26433086512**
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.

Little (1)_____ a year ago, Rama Rao went out of work when a gramophone company, of which he was the Malgudi agent, went out of existence. He had put into that agency the little money he had (2)_____ as security. For five years his business brought him (3)_____ money, just enough to help him keep his wife and children in good comfort. And one day, it was (4)_____. A series of (5)_____ in the world of trade, commerce, banking, and politics was responsible for it.

SubQuestion No : 25

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

Ans

✗ 1. instructions

✓ 2. circumstances

✗ 3. questions

✗ 4. lectures

Question ID : **26433086513**
Status : **Answered**
Chosen Option : **2**