Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Perecherla
Exam Date	07/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **In a certain code language, 'NUMEROUS' is written as 'WPGOQTUW' and 'OPTIONAL' is written as 'RQKVPQNC'. How will 'NOTEBOOK' be written in that language?**

Ans
✔ 1. QPGVQDMQ
✘ 2. QPGVQDNQ
✘ 3. QPGVDQMQ
✘ 4. QPVGQDMQ

Question ID : **26433067337**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **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 F are K.
II. All W are K.
Conclusions:
I. All W are F.
II. Some K are not W.
III. Some F are W.

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

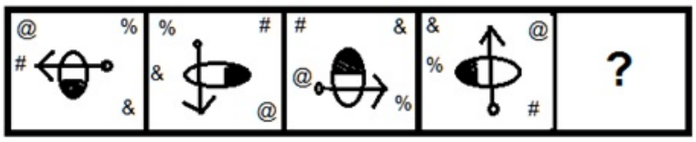
Question ID : **264330104954**
Status : **Answered**
Chosen Option : **2**

Q.3 **Which two signs should be interchanged to make the given equation correct?**
16 + 4 ÷ 2 * 12 − 4 = 40

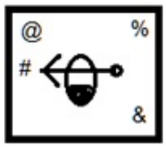
Ans
✔ 1. + and *
✘ 2. + and −
✘ 3. ÷ and *
✘ 4. ÷ and +

Question ID : **26433067851**
Status : **Not Answered**
Chosen Option : **--**

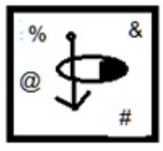
Q.4 Select the figure that will come next in the following figure series.



Ans

✔ 1. 

✘ 2.

✘ 3. 

✘ 4.

Question ID : **26433068974**
Status : **Answered**
Chosen Option : **1**

Q.5 **In a certain code language, 'ARTIST' is written as 'ASTITT' and 'ADVICE' is written as 'AEVIDE'. How will 'ASPECT' be written in that language?**

Ans
✘ 1. ATEPDT
✘ 2. ATQFDT
✔ 3. ATPEDT
✘ 4. ATPECT

Question ID : **26433066024**
Status : **Answered**
Chosen Option : **3**

Q.6 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(42, 18, 3)
(36, 14, 4)

Ans
✔ 1. (34, 13, 4)
✘ 2. (50, 20, 4)
✘ 3. (46, 18, 4)
✘ 4. (42, 15, 5)

Question ID : **26433070239**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **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.**
144 : 36 :: 81 : ? :: 196 : 42

Ans
✗ 1. 30
✗ 2. 23
✓ 3. 27
✗ 4. 29

Question ID : **26433067908**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **Which two signs and two numbers should be interchanged in the following equation to make it correct?**
20 – 10 × 342 ÷ 19 + 51 = 211

Ans
✓ 1. 51 and 20, - and +
✗ 2. 20 and 342, - and ÷
✗ 3. 10 and 20, - and ×
✗ 4. 19 and 342, × and ÷

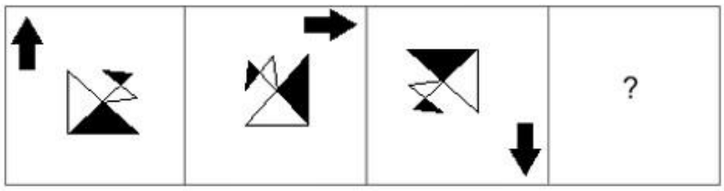
Question ID : **26433096019**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **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.)**
Time : Second :: Electric Current : ?

Ans
✓ 1. Ampere
✗ 2. Kelvin
✗ 3. Candela
✗ 4. Mole

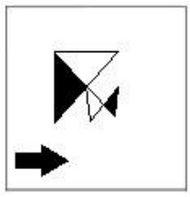
Question ID : **26433068357**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the figure that will come next in the following figure series.

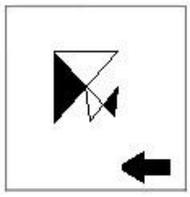


Ans

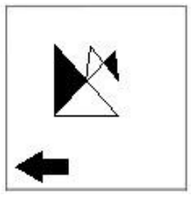
✗ 1.



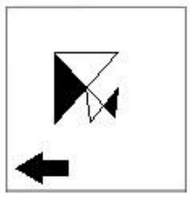
✗ 2.



✗ 3.



✓ 4.



Question ID : **26433083104**
Status : **Answered**
Chosen Option : **4**

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)
Horizonal : Vertical

Ans

✗ 1. Smart : Intelligent

✓ 2. Humid : Dry

✗ 3. Include : Involve

✗ 4. Exit : Leave

Question ID : **26433068419**
Status : **Answered**
Chosen Option : **2**

Q.12 **In the following question, select the missing number from the given series.**
17, 34, 51, ?, 85, 102

Ans
✔ 1. 68
✘ 2. 70
✘ 3. 74
✘ 4. 78

Question ID : **264330105025**
Status : **Answered**
Chosen Option : **1**

Q.13 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**
Statements:
• All Tim are Jack.
• No Jack is Ben.
• Some Ben is Ruth.
Conclusions:
I. No Ruth is Jack.
II. Some Ben are Jack.
III. No Ben is Tim.

Ans
✘ 1. Only conclusion I and II follow
✔ 2. Only conclusion III follows
✘ 3. Only conclusion I follows
✘ 4. Only conclusion I and III follow

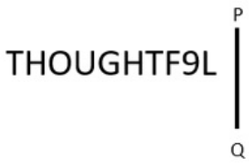
Question ID : **26433058078**
Status : **Answered**
Chosen Option : **2**

Q.14 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
MOR, SXE, YGR, EPE, ?

Ans
✔ 1. KYR
✘ 2. NRQ
✘ 3. NRM
✘ 4. KMR

Question ID : **264330104798**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **26433067825**
Status : **Answered**
Chosen Option : **4**

Q.16 **By interchanging the given two signs which of the following equation will be correct?**
+ and –

Ans

✗ 1. 7 – 5 × 3 + 24 ÷ 6 = 7

✓ 2. 20 ÷ 4 – 5 × 6 + 3 = 32

✗ 3. 4 + 5 × 2 – 9 ÷ 3 = 5

✗ 4. 7 × 3 – 10 + 8 ÷ 2 = 29

Question ID : **264330105113**
Status : **Answered**
Chosen Option : **2**

Q.17 **In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)**

Ans

✗ 1. 11 – 23

✓ 2. 9 – 16

✗ 3. 25 – 51

✗ 4. 13 – 27

Question ID : **264330105052**
Status : **Answered**
Chosen Option : **2**

Q.18 **A + B means 'A is the father of B'**
A – B means 'A is the mother of B'
A * B means 'A is the sister of B'
A % B means 'A is the husband of B'
If A % B – C + D * E, then how is A related to E?

Ans
✔ 1. Father's father
✘ 2. Brother
✘ 3. Father's brother
✘ 4. Father-in-law

Question ID : **26433059898**
Status : **Answered**
Chosen Option : **1**

Q.19 Three different positions of the same dice are shown (figures 1 to 3). Find the number on the face opposite to the face having '5'.

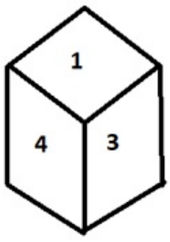


figure 1

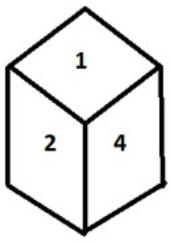


figure 2

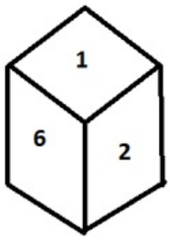


figure 3

Ans
✘ 1. 4
✘ 2. 3
✘ 3. 6
✔ 4. 1

Question ID : **26433070247**
Status : **Answered**
Chosen Option : **4**

Q.20 **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. KPW
✔ 2. QGM
✘ 3. DIP
✘ 4. SXE

Question ID : **26433081491**
Status : **Answered**
Chosen Option : **2**

Q.21 **Which of the following letters will replace the question mark (?) and complete the letter series?**
J, D, X, R, L, ?

Ans
✔ 1. F
✘ 2. D
✘ 3. E
✘ 4. G

Question ID : **26433066004**
Status : **Answered**
Chosen Option : **1**

Q.22 **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 paternal grandmother of R?**

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

Question ID : **264330104981**
Status : **Answered**
Chosen Option : **4**

Q.23 **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.)
(4, 50, 6)
(13, 128, 3)

Ans
✘ 1. (12, 60, 5)
✘ 2. (2, 125, 3)
✘ 3. (2, 62, 6)
✔ 4. (15, 162, 3)

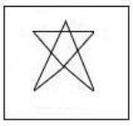
Question ID : **26433069232**
Status : **Not Answered**
Chosen Option : **--**

Q.24 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1- Submerse
2- Sublimity
3- Submerge
4- Submit
5- Submarine

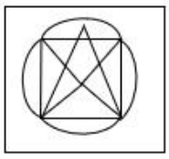
Ans
✘ 1. 5, 3, 2, 4, 1
✘ 2. 2, 5, 4, 1, 3
✘ 3. 2, 3, 5, 1, 4
✔ 4. 2, 5, 3, 1, 4

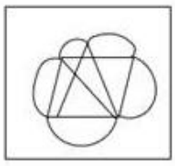
Question ID : **26433079455**
Status : **Answered**
Chosen Option : **4**

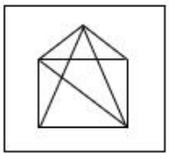
Q.25 Select the option in which the given figure is embedded. (Rotation is NOT allowed)

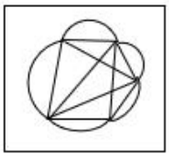


Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **26433068123**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 **Which of the following is a characteristic of sedimentary rocks?**

Ans

✘ 1. Lineation

✘ 2. Bands

✘ 3. Foliation

✔ 4. Lithification

Question ID : **26433066703**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Which of the following countries was the host of the ICC Men's T20 World Cup, 2021?**

Ans

✘ 1. West Indies And USA

✘ 2. Australia and New Zealand

✔ 3. UAE and Oman

✘ 4. England and Scotland

Question ID : **26433071550**
Status : **Answered**
Chosen Option : **4**

Q.3 **In rainforests which kind of cultivation is practices?**

Ans
- ✗ 1. Dry farming
- ✗ 2. Vertical farming
- ✗ 3. Terrace farming
- ✓ 4. Slash and burn

Question ID : **264330105604**
Status : **Answered**
Chosen Option : **2**

Q.4 **Who has been elected the 14th Vice President of India?**

Ans
- ✗ 1. Pratibha Banerjee
- ✓ 2. Jagdeep Dhankhar
- ✗ 3. Margaret Alva
- ✗ 4. Venkaiah Naidu

Question ID : **264330105230**
Status : **Answered**
Chosen Option : **2**

Q.5 **In which state is the festival of Gudi Padwa specially celebrated?**

Ans
- ✓ 1. Maharashtra
- ✗ 2. Punjab
- ✗ 3. Goa
- ✗ 4. Odisha

Question ID : **26433074092**
Status : **Answered**
Chosen Option : **1**

Q.6 **Who among the following became one of the Deputy Chief Ministers of Uttar Pradesh in March 2022?**

Ans
- ✓ 1. Brajesh Pathak
- ✗ 2. Swatantra Dev Singh
- ✗ 3. Laxmi Narayan Chaudhary
- ✗ 4. Jayveer Singh

Question ID : **26433054556**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **The birthday of Prophet Muhammad is also celebrated by the name of _____.**

Ans
- ✗ 1. Eid-ul-Fitr
- ✗ 2. Ramadan
- ✗ 3. Eid-ul-Adha
- ✓ 4. Mawlid al-Nabi

Question ID : **26433070842**
Status : **Answered**
Chosen Option : **4**

Q.8 **Which of the following functions of government budget is associated with distribution of income?**
I. Allocation function
II. Redistribution function

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

Question ID : **264330105384**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Identify the correct statement about green algae.**

Ans
✗ 1. Green algae usually have a soft cell wall made of an inner layer of pectose.
✗ 2. Green algae usually have a rigid cell wall made of an inner layer of protein and an outer layer of fibre.
✓ 3. Green algae usually have a rigid cell wall made of an inner layer of cellulose and an outer layer of pectose.
✗ 4. Green algae usually have a rigid cell wall made of an inner layer of fat and an outer layer of protein.

Question ID : **26433064748**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Dhondo Keshav Karve was an eminent Indian who championed the cause of _____.**

Ans
✗ 1. allowing child marriages
✗ 2. prohibiting widow remarriages
✗ 3. strengthening the caste norms
✓ 4. spread of women education

Question ID : **26433085312**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **Which of the following is potash alum?**

Ans
✗ 1. $Na_2SO_4Al_2(SO_4)_3.24H_2O$
✓ 2. $K_2SO_4Al_2(SO_4)_3.24H_2O$
✗ 3. $K_2SO_4Al_2(SO_4)_3.12H_2O$
✗ 4. $Na_2SO_4Al_2(SO_4)_3.20H_2O$

Question ID : **26433066462**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Clove is an _____ indicator.**

Ans
✗ 1. Chemical
✓ 2. Olfactory
✗ 3. Universal
✗ 4. Gustatory

Question ID : **26433087877**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which of the following sports was initially known as Poona?

Ans
✔ 1. Badminton
✘ 2. Baseball
✘ 3. Volleyball
✘ 4. Kho-Kho

Question ID : **26433059444**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Rajiv Kumar assumed charge as the _____ Chief Election Commissioner of India in May 2022.

Ans
✔ 1. 25th
✘ 2. 20th
✘ 3. 27th
✘ 4. 23rd

Question ID : **264330105320**
Status : **Answered**
Chosen Option : **1**

Q.15 _____ was conferred with 'Officier de la Legion d'Honneur', France's highest civilian award, in 2009.

Ans
✘ 1. Asha Bhosale
✔ 2. Lata Mangeshkar
✘ 3. S.Janaki
✘ 4. K.S.Chithra

Question ID : **26433054476**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Who has taken charge as India's new Foreign Secretary in May 2022?

Ans
✘ 1. Rajeev Kumar
✔ 2. Vinay Mohan Kwatra
✘ 3. T V Somanathan
✘ 4. Rakesh Mishra

Question ID : **264330105319**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following region was the capital of the Chalukyas?

Ans
✘ 1. Kanchipuram
✘ 2. Raichur
✔ 3. Aihole
✘ 4. Kolar

Question ID : **264330105196**
Status : **Answered**
Chosen Option : **1**

Q.18 What is the purpose of the Licensing Policy in India?

Ans
- ✗ 1. To promote benefits to a particular group
- ✗ 2. To maintain the identity of an area
- ✗ 3. To show power of the government
- ✓ 4. To promote regional equality

Question ID : **26433066636**
Status : **Answered**
Chosen Option : **4**

Q.19 Wood's Despatch is related with _____.

Ans
- ✓ 1. Education
- ✗ 2. Famine
- ✗ 3. Trade
- ✗ 4. Military

Question ID : **264330105580**
Status : **Not Answered**
Chosen Option : **--**

Q.20 When did the Indian Independence Act receive the British royal assent?

Ans
- ✓ 1. July 1947
- ✗ 2. June 1947
- ✗ 3. May 1947
- ✗ 4. August 1947

Question ID : **26433089878**
Status : **Answered**
Chosen Option : **1**

Q.21 Which Indian music director was awarded Japan's Fukuoka prize - 2016 for his outstanding contribution in creating, preserving and showcasing South Asian traditional fusion music?

Ans
- ✗ 1. Vishal Bharadwaj
- ✗ 2. Pritam Chakraborty
- ✓ 3. AR Rahman
- ✗ 4. MM Keeravani

Question ID : **26433054471**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The official enumeration of population done periodically is called _____.

Ans
- ✓ 1. Census
- ✗ 2. demographic count
- ✗ 3. Estimation
- ✗ 4. Record

Question ID : **264330105489**
Status : **Answered**
Chosen Option : **1**

Q.23 Chemical formula of bleaching powder is _____.

Ans

✔ 1. $CaOCl^2$

✗ 2. CaO

✗ 3. $CaCO^3$

✗ 4. $Ca(OH)^2$

Question ID : **264330105485**
Status : **Answered**
Chosen Option : **1**

Q.24 Every law enacted by the government has to be in conformity with the _____.

Ans

✗ 1. Fundamental Right

✗ 2. Directive Principles

✔ 3. Constitution

✗ 4. Preamble

Question ID : **26433086762**
Status : **Answered**
Chosen Option : **3**

Q.25 Which of the following is a tree found in Mountain vegetation?

Ans

✗ 1. Sundari

✗ 2. Keekar

✔ 3. Chir

✗ 4. Teak

Question ID : **264330105633**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1

If $4\tan\theta = 3$, then $\frac{4\sin\theta - \cos\theta + 1}{4\sin\theta + \cos\theta - 1} =$ _____.

Ans

✗ 1. $\frac{14}{11}$

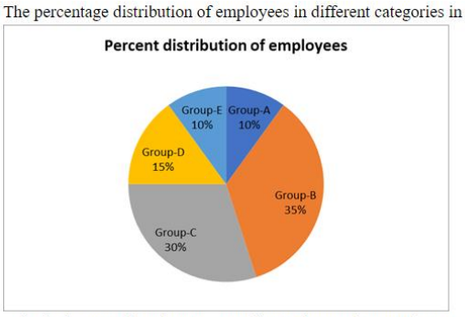
✗ 2. $\frac{12}{11}$

✗ 3. $\frac{10}{11}$

✔ 4. $\frac{13}{11}$

Question ID : **26433066401**
Status : **Answered**
Chosen Option : **4**

Q.2 The percentage distribution of employees in different categories in a company is shown by the following pie chart.



What is the central angle corresponding to the employees of Group-B?

Ans
✗ 1. 130°
✗ 2. 120°
✓ 3. 126°
✗ 4. 136°

Question ID : **26433080348**
Status : **Answered**
Chosen Option : **3**

Q.3 **The volume of the sphere is 38,808 cm^3. What is the surface area of the sphere?**

Ans
✗ 1. 4455 cm^2
✗ 2. 4433 cm^2
✓ 3. 5544.cm^2
✗ 4. 3344 cm^2

Question ID : **26433063971**
Status : **Not Answered**
Chosen Option : **--**

Q.4 If $x + \frac{1}{x} = 7$, find the value of $x^3 + \frac{1}{x^3}$.

Ans
✗ 1. 343
✓ 2. 322
✗ 3. 340
✗ 4. 332

Question ID : **26433075287**
Status : **Answered**
Chosen Option : **2**

Q.5 **If tan A = 10/15, then what will be the value of $\cos^2 A$?**

Ans
✗ 1. 59/269
✗ 2. 49/269
✓ 3. 69/269
✗ 4. 169/269

Question ID : **264330105897**
Status : **Not Answered**
Chosen Option : **--**

Q.6 If $(a+1)^2+(a+2)^2=16$ then what is the value of $40 + 12a + 4a^2$?

Ans
✗ 1. 56
✓ 2. 62
✗ 3. 74
✗ 4. 52

Question ID : **264330105923**
Status : **Answered**
Chosen Option : **2**

Q.7 12 men and 12 women can complete a piece of work in 9 days. 6 men and 15 women can complete the same work in 12 days. How long (in days) would it take 9 women to complete half the work?

Ans
✗ 1. 36
✗ 2. 12
✓ 3. 18
✗ 4. 24

Question ID : **26433075772**
Status : **Not Answered**
Chosen Option : **--**

Q.8 The radius of a hemisphere is 5.6 cm. What will be its volume?

Ans
✓ 1. 367.95 cm^3
✗ 2. 195.95 cm^3
✗ 3. 380 cm^3
✗ 4. 265.65 cm^3

Question ID : **264330105850**
Status : **Answered**
Chosen Option : **2**

Q.9 Two trains are moving in the same direction at the speed of 36 km/hr and 48 km/hr. The time taken by faster train to cross a man sitting in the slower train is 33 seconds. What will be the length of the faster train?

Ans
✗ 1. 770 metres
✗ 2. 90 metres
✓ 3. 110 metres
✗ 4. 180 metres

Question ID : **264330105702**
Status : **Answered**
Chosen Option : **3**

Q.10 If $\tan\theta + \cot\theta = 12$, then $\tan^2\theta + \cot^2\theta$ is:

Ans
✗ 1. 66
✗ 2. 128
✓ 3. 142
✗ 4. 132

Question ID : **26433066264**
Status : **Answered**
Chosen Option : **3**

Q.11 The following table shows the production of different types of two wheelers from 1993 to 1998.

Number of two wheelers (in 1000s)

Type \ Year	1993	1994	1995	1996	1997	1998
A	36	34	40	35	37.5	40
B	20	22	25	23	19.5	18
C	14	22	16	25	29	35
D	60	62	67.5	75	76	80
E	40	45	48	50	80	105
F	45	52	55	60	57.5	56
Total	215	237	251.5	268	299.5	334

In which year is the percentage increase in the total production minimum in comparison to the previous year?

Ans

✗ 1. 1994

✓ 2. 1995

✗ 3. 1996

✗ 4. 1997

Question ID : **26433079787**
Status : **Answered**
Chosen Option : **2**

Q.12 Which of the following statement is correct?

I. If $K+\frac{1}{K}=12$, then $K^2+\frac{1}{K^2}=142$

II. The value of $\left(k^2+\frac{1}{k^2}\right)\left(k-\frac{1}{k}\right)\left(k^4+\frac{1}{k^4}\right)\left(k+\frac{1}{k}\right)$ is $k^{16}-\frac{1}{k^{16}}$.

Ans

✓ 1. Only I

✗ 2. Neither I nor II

✗ 3. Both I and II

✗ 4. Only II

Question ID : **264330105960**
Status : **Answered**
Chosen Option : **3**

Q.13 Study the table and answer the question.

Maximum Marks ➡ / Students ⬇	Subjects				
	Chemistry 300	Mathematics 300	Physics 150	Hindi 300	English 200
Raju	60	85	90	80	65
Shyamu	65	70	60	75	65
Mohan	70	75	80	65	85
Shobh	60	65	60	85	80
Sushil	65	75	70	60	75

Percentage of marks obtained by 5 students in different subjects.

Marks obtained by Sushil in English is less/greater than that by Shyamu is:

Ans

✗ 1. 10 less

✗ 2. 15 more

✓ 3. 20 more

✗ 4. 25 less

Question ID : **26433092175**
Status : **Answered**
Chosen Option : **3**

Q.14 Find the remainder when we divide $3x^4 - 2x^2 + 4x - 1$ by $2x - 1$.

Ans

✗ 1. 2

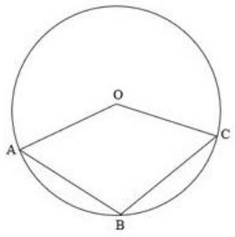
✗ 2. 3

✓ 3. $\frac{11}{16}$

✗ 4. $\frac{15}{16}$

Question ID : **26433075180**
Status : **Not Answered**
Chosen Option : **--**

Q.15 In the given figure, O is the centre of the circle and $\angle AOC = 140°$. Find $\angle ABC$.



Ans

✗ 1. $95°$

✓ 2. $110°$

✗ 3. $120°$

✗ 4. $103°$

Question ID : **26433074486**
Status : **Not Answered**
Chosen Option : **--**

Q.16 **Three candidates were participating in an election. The person at third place got 20% of the total votes while the difference between the votes of the winner and the first runner up was 20% of the total votes. If the difference between the votes of the first runner up and the second runner up was 37,000, how many votes did the winner receive?**

Ans

✗ 1. 1,80,000

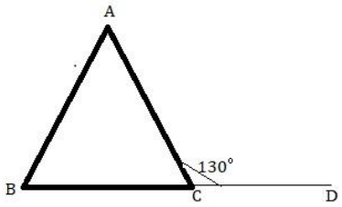
✓ 2. 1,85,000

✗ 3. 1,75,000

✗ 4. 1,95,000

Question ID : **26433074728**
Status : **Answered**
Chosen Option : **2**

Q.17 If in a triangle ABC as drawn in the figure, $AB = AC$ and $\angle ACD = 130°$, then $\angle BAC$ is equal to:



Ans

✗ 1. 60°

✗ 2. 50°

✗ 3. 70°

✓ 4. 80°

Question ID : **26433075012**
Status : **Answered**
Chosen Option : **1**

Q.18 **Ramesh claims that he is selling onions at Rs.36 per kg, which costs him Rs.40 per kg, but he gives 800 grams instead of 1 kg. Find Ramesh's percentage gain or loss.**

Ans

✗ 1. Gain 13.5%

✗ 2. Loss 13.5%

✗ 3. Loss 12.5%

✓ 4. Gain 12.5%

Question ID : **26433064975**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **At a Christmas sale, all the goods in a shop are on sale at 30% discount. If Jasmine buys a skirt marked at ₹800, how much would she need to pay?**

Ans

✗ 1. ₹476

✗ 2. ₹400

✗ 3. ₹770

✓ 4. ₹560

Question ID : **26433075880**
Status : **Answered**
Chosen Option : **4**

Q.20 **Find the mean proportional between 27 and 300.**

Ans

✔ 1. 90

✗ 2. 45

✗ 3. 135

✗ 4. 180

Question ID : **26433065079**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Find the simple interest on ₹2,700 for 8 months at 5 paisa per rupee per month?**

Ans

✗ 1. ₹950

✗ 2. ₹720

✗ 3. ₹540

✔ 4. ₹1,080

Question ID : **26433092161**
Status : **Answered**
Chosen Option : **4**

Q.22 **The average weight of apples in a basket is 50 kg. 6 more apples with the average weight of 60 kg are added in the basket. If the average weight of the basket is increased by 5 kg, then find the number of apples in the basket originally.**

Ans

✗ 1. 4

✔ 2. 6

✗ 3. 2

✗ 4. 8

Question ID : **26433075345**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **If the HCF of two numbers is 8, then which of the following can NEVER be their LCM?**

Ans

✗ 1. 56

✗ 2. 48

✔ 3. 42

✗ 4. 40

Question ID : **26433080084**
Status : **Answered**
Chosen Option : **3**

Q.24 **If the side of an equilateral triangle is 8cm, then find the area of the triangle (correct to two decimal places).**

Ans

✗ 1. 27.17cm^2

✗ 2. 27.27cm^2

✔ 3. 27.71cm^2

✗ 4. 27.72cm^2

Question ID : **26433074348**
Status : **Answered**
Chosen Option : **4**

Q.25 **The table given below shows the foreign trade by two countries in 5 different years.**

	Country	
Years	P	Q
Y1	220	95
Y2	200	155
Y3	125	245
Y4	115	225
Y5	85	140

What is the value of average foreign trade by country P in all the 5 years?

Ans
✗ 1. 155
✗ 2. 745
✓ 3. 149
✗ 4. 135

Question ID : **264330105757**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 **Rectify the sentence by selecting the correct spelling of the underlined word.**

The nine-tailed fox is a mythicil creature from Japanese culture.

Ans
✗ 1. mythycal
✗ 2. mitical
✓ 3. mythical
✗ 4. mithical

Question ID : **26433065144**
Status : **Answered**
Chosen Option : **3**

Q.2 **Select the correct active form of the given sentence.**
How his problems will be fixed by you?

Ans
✗ 1. How are you fixing his problems?
✗ 2. How you fix his problems?
✓ 3. How will you fix his problems?
✗ 4. How his problems fixed?

Question ID : **264330104596**
Status : **Answered**
Chosen Option : **3**

Q.3 **Complete the following collocation.**

It is easier to make a promise than to _____ a promise.

Ans
✗ 1. maintain
✗ 2. follow
✗ 3. justify
✓ 4. keep

Question ID : **26433094775**
Status : **Answered**
Chosen Option : **4**

Q.4 **Parts of the following sentence have been given as options. Select the option that contains a grammatical error.**

He was / paid handsomely for / his ability to handle / the crowd skillful.

Ans
✗ 1. paid handsomely for
✗ 2. his ability to handle
✓ 3. the crowd skillful.
✗ 4. He was

Question ID : **26433073825**
Status : **Answered**
Chosen Option : **3**

Q.5 **Select the correct passive form of the given sentence.**
She will present the paper next week.

Ans
✗ 1. The paper could be presented next week by her.
✓ 2. The paper will be presented next week by her.
✗ 3. The paper would be presented next week by her.
✗ 4. The paper can be presented next week by her.

Question ID : **264330104570**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the option that can be used as a one-word substitute for the given group of words.**

A perfectionist

Ans
✓ 1. Meticulous
✗ 2. Omniscient
✗ 3. Optimist
✗ 4. Ambidextrous

Question ID : **26433073675**
Status : **Answered**
Chosen Option : **1**

Q.7 **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.A certain aim will infuse one's life with new meaning.
B.At some point, an aimless person's goals can be shattered and remain unfulfilled.
C.In life, it is critical to have a workable objective or goal.
D.A man who is aimless will never achieve success in life.

Ans
✗ 1. DCAB
✗ 2. BCDA
✓ 3. ADCB
✗ 4. DBCA

Question ID : **26433070628**
Status : **Answered**
Chosen Option : **1**

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

Never teach your children to flout the rules and regulations of their educational institution.

Ans

✗ 1. Monitor

✗ 2. Revere

✗ 3. Divulge

✓ 4. Mock

Question ID : **26433070655**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
The yellow dress purchased by you is not much different than the one I have brought.

Ans

✗ 1. different then the one

✗ 2. different as the one

✗ 3. different above the one

✓ 4. different from the one

Question ID : **26433084637**
Status : **Answered**
Chosen Option : **4**

Q.10 **Select the most appropriate ANTONYM of the underlined word.**
An autoimmune disease is a condition in which your immune system mistakenly attacks your body.

Ans

✓ 1. Susceptible

✗ 2. Fragile

✗ 3. Sick

✗ 4. Sedentary

Question ID : **26433061565**
Status : **Answered**
Chosen Option : **3**

Q.11 **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'.**

There are many people in the world who believe that the earth is flat.

Ans

✗ 1. who belief that

✗ 2. who should believe that

✓ 3. No substitution

✗ 4. who believed

Question ID : **26433084579**
Status : **Answered**
Chosen Option : **3**

Q.12 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Mr. Alfred hasn't thought of his friend since he went abroad. Out of sight, out of mind.

Ans
✗ 1. Once you leave the country, your memories vanish
✗ 2. He lost his memory, as he could not see
✓ 3. If you do not see someone, you forget about them.
✗ 4. He simply forgot

Question ID : **26433071892**
Status : **Answered**
Chosen Option : **3**

Q.13 **Select the correct direct form of the given sentence.**
We asked them who had called them.

Ans
✗ 1. We said to them, "Who are calling you?"
✗ 2. We said to them, "Who calls you?"
✗ 3. We said to them, "Who has called him?"
✓ 4. We said to them, "Who has called you?"

Question ID : **264330104639**
Status : **Answered**
Chosen Option : **4**

Q.14 **Select the most appropriate synonym of the word 'obscene' from the following sentence.**

Vijay was suspended from duty because he gave dirty and prejudiced remarks to his female colleagues in the office.

Ans
✓ 1. Dirty
✗ 2. Suspended
✗ 3. Prejudice
✗ 4. Colleagues

Question ID : **26433072266**
Status : **Answered**
Chosen Option : **2**

Q.15 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

He does not / know how to / draw quickly / and straightly.

Ans
✓ 1. and straightly
✗ 2. He does not
✗ 3. know how to
✗ 4. draw quickly

Question ID : **26433088942**
Status : **Not Answered**
Chosen Option : **--**

Q.16 **Select the sentences that contains no spelling errors.**

Ans

✗ 1. Ryan squaked about losing his job owing to a leg injury.

✗ 2. Ryan squeked about losing his job owing to a leg injury.

✓ 3. Ryan squawked about losing his job owing to a leg injury.

✗ 4. Ryan skuawked about losing his job owing to a leg injury.

Question ID : **26433070699**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the most appropriate option to fill in the blank.**
In all her sorrow she must weep or she will _____.

Ans

✗ 1. die

✗ 2. laugh

✓ 3. suffer

✗ 4. cry

Question ID : **26433086339**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate ANTONYM of the underlined word.**
The antonym of a word is sometimes a prefix added to the actual word.

Ans

✗ 1. metaverse

✓ 2. synonym

✗ 3. symphony

✗ 4. metonymy

Question ID : **26433059731**
Status : **Answered**
Chosen Option : **2**

Q.19 **Substitute the underlined words with the option that is closest in meaning to it.**

Give us some room for improvement.

Ans

✓ 1. an opportunity for improvement

✗ 2. room in a house for improvement

✗ 3. advice for improvement

✗ 4. a warning for improvement

Question ID : **26433088953**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the most appropriate option to fill in the blank.**

The health personnel advised to _____ of unhealthy food habits if we want to maintain our cardio-vascular health.

Ans

✗ 1. pay lip service

✗ 2. keep the pot boiling

✗ 3. run short

✓ 4. steer clear

Question ID : **26433070548**
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.
Our beautiful ecosystem is being systematically (1)____ by industrial pollution channelled into rivers like the Ganga and the Yamuna, nuclear wastes from atomic plants muted into the world's oceans, and (2)____ gases such as carbon dioxide mixed with the ozonosphere. Besides, tropical rainforests and green pastures are disappearing (3)_____ the pressure of a proliferating population. Dams are being (4)_____ over the rivers like the Narmada to change nature's well-balanced surface equations between flora and fauna, and sloping mountainous terrain is being converted into mini oceans to supply electricity to the ever-starving industrial stomach of our age. Elephants, tigers, the wild rhinos of South Africa and many other forest creatures have become (5)_____ species.

SubQuestion No : 21

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

Ans
✔ 1. damaged
✘ 2. oriented
✘ 3. glorified
✘ 4. designed

Question ID : **26433086410**
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.
Our beautiful ecosystem is being systematically (1)____ by industrial pollution channelled into rivers like the Ganga and the Yamuna, nuclear wastes from atomic plants muted into the world's oceans, and (2)____ gases such as carbon dioxide mixed with the ozonosphere. Besides, tropical rainforests and green pastures are disappearing (3)_____ the pressure of a proliferating population. Dams are being (4)_____ over the rivers like the Narmada to change nature's well-balanced surface equations between flora and fauna, and sloping mountainous terrain is being converted into mini oceans to supply electricity to the ever-starving industrial stomach of our age. Elephants, tigers, the wild rhinos of South Africa and many other forest creatures have become (5)_____ species.

SubQuestion No : 22

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

Ans
✔ 1. poisonous
✘ 2. useful
✘ 3. nuclear
✘ 4. hygienic

Question ID : **26433086411**
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.
Our beautiful ecosystem is being systematically (1)____ by industrial pollution channelled into rivers like the Ganga and the Yamuna, nuclear wastes from atomic plants muted into the world's oceans, and (2)____ gases such as carbon dioxide mixed with the ozonosphere. Besides, tropical rainforests and green pastures are disappearing (3)_____ the pressure of a proliferating population. Dams are being (4)_____ over the rivers like the Narmada to change nature's well-balanced surface equations between flora and fauna, and sloping mountainous terrain is being converted into mini oceans to supply electricity to the ever-starving industrial stomach of our age. Elephants, tigers, the wild rhinos of South Africa and many other forest creatures have become (5)_____ species.

SubQuestion No : 23

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

Ans

✗ 1. in

✗ 2. to

✗ 3. on

✓ 4. under

Question ID : **26433086412**
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.
Our beautiful ecosystem is being systematically (1)____ by industrial pollution channelled into rivers like the Ganga and the Yamuna, nuclear wastes from atomic plants muted into the world's oceans, and (2)____ gases such as carbon dioxide mixed with the ozonosphere. Besides, tropical rainforests and green pastures are disappearing (3)_____ the pressure of a proliferating population. Dams are being (4)_____ over the rivers like the Narmada to change nature's well-balanced surface equations between flora and fauna, and sloping mountainous terrain is being converted into mini oceans to supply electricity to the ever-starving industrial stomach of our age. Elephants, tigers, the wild rhinos of South Africa and many other forest creatures have become (5)_____ species.

SubQuestion No : 24

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

Ans

✗ 1. validated

✓ 2. built

✗ 3. detected

✗ 4. associated

Question ID : **26433086413**
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.
Our beautiful ecosystem is being systematically (1)____ by industrial pollution channelled into rivers like the Ganga and the Yamuna, nuclear wastes from atomic plants muted into the world's oceans, and (2)____ gases such as carbon dioxide mixed with the ozonosphere. Besides, tropical rainforests and green pastures are disappearing (3)_____ the pressure of a proliferating population. Dams are being (4)_____ over the rivers like the Narmada to change nature's well-balanced surface equations between flora and fauna, and sloping mountainous terrain is being converted into mini oceans to supply electricity to the ever-starving industrial stomach of our age. Elephants, tigers, the wild rhinos of South Africa and many other forest creatures have become (5)_____ species.

SubQuestion No : 25

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

Ans

✗ 1. accumulated

✗ 2. specified

✓ 3. endangered

✗ 4. granted

Question ID : **26433086414**
Status : **Answered**
Chosen Option : **3**