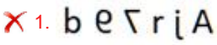
Combined Graduate Level Examination Tier I 2022

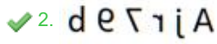
Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Naino Ka Bas
Exam Date	06/12/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

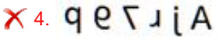
Q.1 Select the correct mirror image of the given combination when the mirror is placed at line MN as shown.

Ans

✗ 1. 

✓ 2. 

✗ 3.

✗ 4. 

Question ID : **26433068196**
Status : **Answered**
Chosen Option : **2**

Q.2 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
25 * 2 * 220 * 11 * 43

Ans

✗ 1. +, −, ×, =

✗ 2. +, −, ÷, =

✗ 3. +, +, ÷, =

✓ 4. −, +, ÷, =

Question ID : **26433068568**
Status : **Answered**
Chosen Option : **4**

Q.3 **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.**
7 : 13 :: 16 : 31 :: 46 : ?

Ans

✗ 1. 81

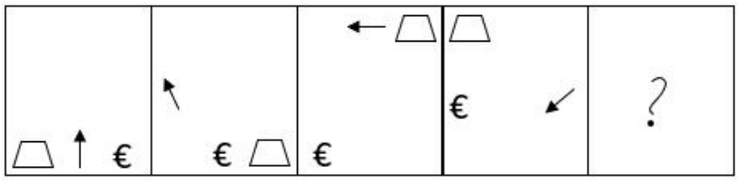
✗ 2. 83

✓ 3. 91

✗ 4. 97

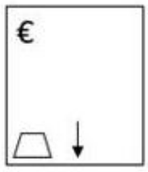
Question ID : **26433067649**
Status : **Answered**
Chosen Option : **3**

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

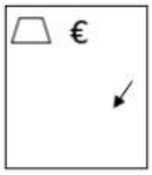


Ans

✔ 1.

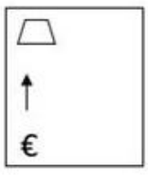


✘ 2.



✘ 3.

✘ 4.



Question ID : **26433068470**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the correct combination of mathematical signs to sequentially replace the # signs and to balance the given equation.**
[{(44 # 38) # (2 # 5)} # (4 # 2)] # 5 # 10

Ans

✘ 1. ×, ÷, ×, ×, −, +, =

✘ 2. ×,–, +, ×, ÷, ×, =

✘ 3.–, +, ×, ×, ÷, ×, =

✔ 4.–, +, ×, ÷, ×, ×, =

Question ID : **26433087057**
Status : **Answered**
Chosen Option : **3**

Q.6 **If L × M means that L is the mother of M, L + M means that L is the father of M, L ÷ M means that L is the sister of M, then which of the following expression shows that P is the father of R?**

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

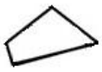
Question ID : **264330104966**
Status : **Answered**
Chosen Option : **1**

Q.7 **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'
A $ B means 'A is the son of B'
If P – Q – R * S $ T, then how is P related to T?

Ans
✘ 1. Mother
✔ 2. Mother-in-law
✘ 3. Sister
✘ 4. Sister-in-law

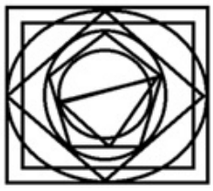
Question ID : **26433059899**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

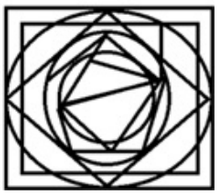


Ans

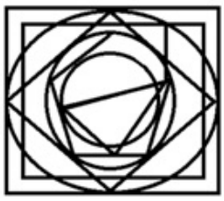
✔ 1.



✘ 2.



✘ 3.



✘ 4.

Question ID : **26433067437**
Status : **Answered**
Chosen Option : **1**

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)**
Plants : Botanist :: Animals : ?

Ans

✘ 1. Chemists

✘ 2. Geologists

✘ 3. Archaeologists

✔ 4. Zoologists

Question ID : **26433067813**
Status : **Answered**
Chosen Option : **4**

Q.10 **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)
(7, 4, 56)
(8, 3, 48)

Ans
✗ 1. (90, 3, 400)
✗ 2. (87, 4, 128)
✗ 3. (96, 42, 12)
✓ 4. (9, 10, 180)

Question ID : **26433079128**
Status : **Answered**
Chosen Option : **4**

Q.11 **Which letter cluster will replace the question mark (?) to complete the given series?**
ACFD, CFHG, ?, GLLM, IONP

Ans
✗ 1. EIJK
✓ 2. EIJJ
✗ 3. FIJJ
✗ 4. EJJK

Question ID : **26433059861**
Status : **Answered**
Chosen Option : **2**

Q.12 **After arranging the given words according to dictionary order, which word will come at 'Third' position?**
1. Chocolate
2. Chocoholic
3. Chocolaty
4. Chocolatier
5. Chock

Ans
✓ 1. Chocolate
✗ 2. Chock
✗ 3. Chocolatier
✗ 4. Chocoholic

Question ID : **264330104907**
Status : **Answered**
Chosen Option : **1**

Q.13 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.

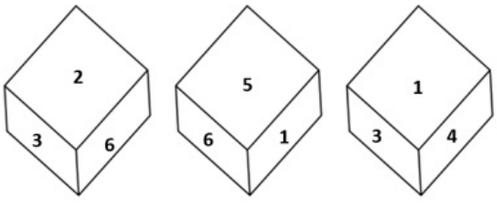


Figure 1 Figure 2 Figure 3

Ans

✗ 1. 1

✗ 2. 2

✓ 3. 5

✗ 4. 4

Question ID : **26433081531**
Status : **Answered**
Chosen Option : **3**

Q.14 **In the following question, select the missing number from the given series.**
5103, 1701, 567, ?, 63, 21

Ans

✗ 1. 265

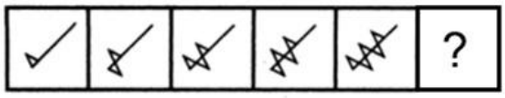
✗ 2. 169

✓ 3. 189

✗ 4. 170

Question ID : **264330105022**
Status : **Answered**
Chosen Option : **3**

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 : **26433080512**
Status : **Answered**
Chosen Option : **2**

Q.16 **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 – 193

✘ 2. 15 – 220

✘ 3. 16 – 251

✘ 4. 17 – 284

Question ID : **264330105089**
Status : **Answered**
Chosen Option : **1**

Q.17 **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.)
School : Students :: Hospital : ?

Ans

✘ 1. Doctors

✘ 2. Nurses

✔ 3. Patients

✘ 4. Diseases

Question ID : **26433056809**
Status : **Answered**
Chosen Option : **3**

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 R are P.
II. All R are Q.
Conclusion:
I. No P is Q.
II. No R is P.

Ans

✔ 1. Neither conclusion follows

✘ 2. Only conclusion II follows

✘ 3. Both conclusions I and II follows

✘ 4. Only conclusion I follows

Question ID : **264330104918**
Status : **Answered**
Chosen Option : **1**

Q.19 **In a certain code language, 'TECHNOLOGY' is written as 'NHCETOLOGY', 'GENERATION' is written as 'RENEGATION'. How will 'APOCALYPSE' be written in that language?**

Ans

✘ 1. AOCPALYPSE

✘ 2. ACPOALYPSE

✘ 3. ACOAPLYPSE

✔ 4. ACOPALYPSE

Question ID : **26433068238**
Status : **Answered**
Chosen Option : **4**

Q.20 **By interchanging the given two signs and numbers which of the following equation will be correct?**
+ and –, 7 and 6

Ans
✔ 1. 4 × 7 + 6 – 3 ÷ 1 = 20
✘ 2. 8 × 7 + 5 ÷ 1 – 6 = 17
✘ 3. 7 – 6 × 3 + 4 ÷ 1 = 8
✘ 4. 7 × 2 – 6 + 4 ÷ 2 = 13

Question ID : **264330105132**
Status : **Answered**
Chosen Option : **1**

Q.21 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
ABCD, FVJV, KPQN, PJXF, ?

Ans
✘ 1. UDQE
✘ 2. RQTS
✔ 3. UDEX
✘ 4. EQRT

Question ID : **264330104826**
Status : **Answered**
Chosen Option : **3**

Q.22 **In a certain code language, 'ABROAD' is written as 'DFORDH' and 'ACCESS' is written as 'DGECVW'. How will 'AGENCY' be written in that language?**

Ans
✔ 1. DKNEFC
✘ 2. EKNEFC
✘ 3. DJNEFB
✘ 4. DKNEGC

Question ID : **26433066022**
Status : **Answered**
Chosen Option : **1**

Q.23 **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)
(9, 16, 5)
(7, 9, 4)

Ans
✘ 1. (14, 64, 7)
✘ 2. (14, 100, 5)
✔ 3. (11, 36, 5)
✘ 4. (12, 66, 4)

Question ID : **26433070235**
Status : **Not Answered**
Chosen Option : **--**

Q.24 **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:
Some bottles are towels.
No towel is a pillow.
All bottle sare coats.

Conclusions:
I. Some coats are towels.
II. No coat is a towel.
III. Some bottles are pillows.

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

Question ID : **26433069187**
Status : **Answered**
Chosen Option : **4**

Q.25 **Three of the following letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group?**

Ans
✗ 1. PRKI
✓ 2. JFOQ
✗ 3. UWFD
✗ 4. XZCA

Question ID : **26433081502**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 **The Constitution of India is a sovereign socialist secular democratic republic with a _____ system of government.**

Ans
✗ 1. unitary
✓ 2. parliamentary
✗ 3. monarchical
✗ 4. presidential

Question ID : **26433086763**
Status : **Answered**
Chosen Option : **2**

Q.2 **Ahmadnagar was finally annexed by the Mughals in _____.**

Ans
✗ 1. 1627
✓ 2. 1632
✗ 3. 1630
✗ 4. 1635

Question ID : **264330105437**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Which of the following major Indian crops requires high temperature (above 25°C) and high humidity?**

Ans
- ✗ 1. Gram
- ✗ 2. Peas
- ✓ 3. Rice
- ✗ 4. Wheat

Question ID : **26433092869**
Status : **Answered**
Chosen Option : **3**

Q.4 **_____ - time graph shows speed of an object.**

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

Question ID : **264330105466**
Status : **Answered**
Chosen Option : **2**

Q.5 **Which nutrient is chlorella rich in?**

Ans
- ✗ 1. Roughage
- ✗ 2. Carbohydrates
- ✗ 3. Fats
- ✓ 4. Protein

Question ID : **26433086747**
Status : **Answered**
Chosen Option : **4**

Q.6 **Who has become the first woman director general of the Council of Scientific and Industrial Research?**

Ans
- ✗ 1. Sanjay Verma
- ✗ 2. Vinod Aggarwal
- ✓ 3. Nallathamby Kalaiselvi
- ✗ 4. Prakash Chand

Question ID : **264330105342**
Status : **Answered**
Chosen Option : **3**

Q.7 **McMahon line is a line which separates china and which Indian state?**

Ans
- ✗ 1. Sikkim
- ✗ 2. Uttarakhand
- ✓ 3. Arunachal Pradesh
- ✗ 4. Jammu and Kashmir

Question ID : **264330105518**
Status : **Answered**
Chosen Option : **3**

Q.8 The Paris Indian Society was an Indian nationalist organisation founded in _____.

Ans
1. 1907
2. 1905
3. 1909
4. 1900

Question ID : **26433085281**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Droupadi Murmu was elected the _____ President of India.

Ans
1. 18th
2. 17th
3. 15th
4. 16th

Question ID : **264330105236**
Status : **Answered**
Chosen Option : **2**

Q.10 What is the commercial unit of electric energy?

Ans
1. Watt-hour
2. Watt per hour
3. Kilowatt hour
4. Kilowatt per hour

Question ID : **26433066457**
Status : **Answered**
Chosen Option : **3**

Q.11 In early 1610, who discovered with his newly invented telescope that Jupiter has four moons?

Ans
1. Simon Marius
2. Tycho Brahe
3. Galileo Galilei
4. Johannes Kepler

Question ID : **26433092178**
Status : **Answered**
Chosen Option : **4**

Q.12 By which name is the birthday of Lord Krishna famous?

Ans
1. Mahashtami
2. Mahanavmi
3. Janmashtami
4. Akshaya Tritiya

Question ID : **26433074086**
Status : **Answered**
Chosen Option : **3**

Q.13 Which of the following is NOT a goal for the Green Revolution?

Ans
✗ 1. Rise in crop productivity
✗ 2. Use of fertilisers
✗ 3. Rise in production of food grains
✓ 4. Expansion of irrigation

Question ID : **26433064873**
Status : **Answered**
Chosen Option : **2**

Q.14 Which of the following metals was used to make weapons and tools in Harappan cities?

Ans
✗ 1. Silver
✗ 2. Gold
✓ 3. Copper
✗ 4. Iron

Question ID : **264330105172**
Status : **Answered**
Chosen Option : **3**

Q.15 The executive power of the Union is vested in the:

Ans
✗ 1. Council of Ministers headed by the Prime Minister
✗ 2. Prime Minister
✗ 3. Chief Justice of the Supreme Court
✓ 4. President

Question ID : **26433074846**
Status : **Answered**
Chosen Option : **4**

Q.16 Vempati Chinna Satyam was awarded the Padma Bhushan in 1998. He was a _____ dancer.

Ans
✓ 1. Kuchipudi
✗ 2. Kathak
✗ 3. Manipuri
✗ 4. Kathakali

Question ID : **26433090696**
Status : **Answered**
Chosen Option : **3**

Q.17 'Do or die' slogan is given by which of the following freedom fighter?

Ans
✗ 1. Bal Gangadhar Tilak
✗ 2. Sardar vallabh bhai patel
✓ 3. Mahatma Gandhi
✗ 4. Motilal Nehru

Question ID : **264330105567**
Status : **Answered**
Chosen Option : **1**

Q.18 In June 2022, NIPUN scheme was launched for skill training of _____.

Ans
✗ 1. farmers
✗ 2. medical practitioners
✗ 3. government teachers
✓ 4. construction workers

Question ID : **264330105307**
Status : **Answered**
Chosen Option : **4**

Q.19 Which of the following folk dance forms is NOT associated with the state of Gujarat?

Ans
✓ 1. Hojagiri
✗ 2. Dandiya
✗ 3. Bhavai
✗ 4. Garba

Question ID : **26433054318**
Status : **Answered**
Chosen Option : **1**

Q.20 Who was the first to accurately describe the rings of Saturn as a disc around the planet in 1655?

Ans
✗ 1. Hideki Yukawa
✗ 2. Galileo Galilei
✓ 3. Christiaan Huygens
✗ 4. Giovanni Cassini

Question ID : **26433064060**
Status : **Not Answered**
Chosen Option : **--**

Q.21 October and November months in India comes under which among the following seasons?

Ans
✗ 1. Winter
✗ 2. Summer
✗ 3. Rainy
✓ 4. Autumn

Question ID : **264330105632**
Status : **Answered**
Chosen Option : **4**

Q.22 Which of the following countries hosted the first edition of the Summer Youth Olympic Games in 2010?

Ans
✗ 1. China
✓ 2. Singapore
✗ 3. Argentina
✗ 4. Senegal

Question ID : **26433059412**
Status : **Answered**
Chosen Option : **1**

Q.23 **The height of stumps in cricket is ____.**

Ans

✔ 1. 28 inches

✗ 2. 20 inches

✗ 3. 25 inches

✗ 4. 22 inches

Question ID : **26433071378**
Status : **Answered**
Chosen Option : **4**

Q.24 **Which of the following is a feature of Self-Help group?**

Ans

✔ 1. The group takes care of the debt recovery.

✗ 2. There is a requirement of collateral.

✗ 3. These groups are classified as commercial banks.

✗ 4. The interest rates are generally high.

Question ID : **264330105369**
Status : **Answered**
Chosen Option : **4**

Q.25 **Rukmani Devi Arundale was a famous dancer of which Indian classical dance form?**

Ans

✔ 1. Bharatanatyam

✗ 2. Kathak

✗ 3. Mohiniyattam

✗ 4. Kathakali

Question ID : **26433064382**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 If $\sec\theta - 2\cos\theta = \frac{7}{2}$, where θ is a positive acute angle, then the value of $\sec\theta$ is:

Ans

✗ 1. 6

✗ 2. 8

✗ 3. 5

✔ 4. 4

Question ID : **26433066265**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **The sum of two numbers is 18 and their HCF and LCM are 3 and 54 respectively. What will be the sum of their reciprocals?**

Ans

✗ 1. $\frac{1}{7}$

✗ 2. $\frac{1}{11}$

✗ 3. $\frac{1}{6}$

✓ 4. $\frac{1}{9}$

Question ID : **26433079828**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Rohan scored twice as many marks in English as he did in Science. His total marks in English, Science and Mathematics are 126. If the ratio of his marks in English and Mathematics is 2 : 3, his marks in English are:**

Ans

✗ 1. 63

✗ 2. 20

✗ 3. 21

✓ 4. 42

Question ID : **26433072970**
Status : **Answered**
Chosen Option : **4**

Q.4 **The diagonal of the square is $8\sqrt{2}$ cm. Find the diagonal of another square whose area is triple that of the first square.**

Ans

✗ 1. $8\sqrt{5}$ cm

✗ 2. $8\sqrt{3}$ cm

✗ 3. $8\sqrt{2}$ cm

✓ 4. $8\sqrt{6}$ cm

Question ID : **26433065012**
Status : **Answered**
Chosen Option : **1**

Q.5 If $x + \frac{1}{x} = 2$, then the value of $x^{57} + \frac{1}{x^{57}}$ is:

Ans

✗ 1. 1

✗ 2. −2

✗ 3. 0

✓ 4. 2

Question ID : **26433075842**
Status : **Answered**
Chosen Option : **1**

Q.6 **Find the value of tan 3θ if sec 3θ = cosec (4θ - 15°).**

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

Question ID : **26433061771**
Status : **Answered**
Chosen Option : **4**

Q.7 **Three-fourth of a consignment was sold at a profit of 8% and the rest at a loss of 4%. If there was an overall profit of Rs.600, then find the value of the consignment.**

Ans
✗ 1. Rs.15,000
✗ 2. Rs.6,000
✗ 3. Rs.18,000
✓ 4. Rs.12,000

Question ID : **26433065066**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **The number of parallel tangents of a circle with a given tangent is:**

Ans
✓ 1. 1
✗ 2. 2
✗ 3. 3
✗ 4. 4

Question ID : **26433075827**
Status : **Answered**
Chosen Option : **1**

Q.9 **A man loses 20% of his money and after spending 85% of the remainder, he is left with Rs.120. How much did he have at first?**

Ans
✗ 1. Rs.1,200
✓ 2. Rs.1,000
✗ 3. Rs.800
✗ 4. Rs.500

Question ID : **26433063455**
Status : **Answered**
Chosen Option : **2**

Q.10 If $mx^m - nx^n = 0$, then what is the value of $\frac{1}{x^m + x^n} + \frac{1}{x^m - x^n}$ terms of x^n is:

Where x, m, n are > 0

Ans
✗ 1. $2mn/(x^n(n^2 + m^2)$

✗ 2. $2mn/(x^n(m^2 - n^2)$

✗ 3. $2mn/(x^n(m^2 + n^2)$

✓ 4. $2mn/(x^n(n^2 - m^2)$

Question ID : **26433075844**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **What should be subtracted from 246837 to make it divisible by 13?**

Ans
✗ 1. 4

✗ 2. 5

✗ 3. 3

✓ 4. 6

Question ID : **26433075271**
Status : **Answered**
Chosen Option : **4**

Q.12 **ΔPQR is an isosceles triangle and PQ = PR = 2a unit, QR = a unit. Draw PX ⊥ QR, and find the length of PX.**

Ans
✗ 1. $\sqrt{5}a$

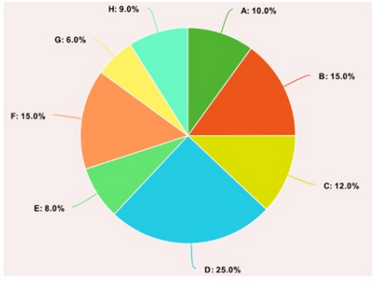
✗ 2. $\frac{\sqrt{5}a}{2}$

✗ 3. $\frac{\sqrt{10}a}{2}$

✓ 4. $\frac{\sqrt{15}a}{2}$

Question ID : **26433075363**
Status : **Answered**
Chosen Option : **4**

Q.13 The following pie chart shows the number of workers of different categories A, B, C, D, E, F, G and H in a factory in 1995.



What is the central angle (angular value) for category B of the pie chart?

Ans

✗ 1. $55°$

✓ 2. $54°$

✗ 3. $57°$

✗ 4. $56°$

Question ID : **26433079792**
Status : **Answered**
Chosen Option : **2**

Q.14 If, for a non-zero x, $5x^2 + 7x + 5 = 0$, then the value of $x^3 + \frac{1}{x^3}$ is:

Ans

✗ 1. $\frac{496}{125}$

✗ 2. $\frac{532}{343}$

✗ 3. $\frac{125}{532}$

✓ 4. $\frac{182}{125}$

Question ID : **26433066266**
Status : **Answered**
Chosen Option : **3**

Q.15 A person lent Rs. 23000 to B for 3 years and Rs. 19000 to C for 4 years on simple interest at the same rate of interest and received Rs. 3625 in all from both of them as interest. What is the annual rate of interest?

Ans

✗ 1. 1.5 percent

✗ 2. 3 percent

✓ 3. 2.5 percent

✗ 4. 4 percent

Question ID : **264330105678**
Status : **Not Answered**
Chosen Option : **--**

Q.16 **The radius of a hemisphere is 6.3 cm. What will be its volume?**

Ans

✗ 1. 572.80 cm^3

✗ 2. 643.50 cm^3

✓ 3. 523.90 cm^3

✗ 4. 353.38 cm^3

Question ID : **264330105851**
Status : **Answered**
Chosen Option : **4**

Q.17 **$\Delta ABC \sim \Delta DEF$ such that AB = 9.1 cm and DE = 6.5 cm. If the perimeter of ΔDEF = 25 cm, then the perimeter of ΔABC is:**

Ans

✗ 1. 40 cm

✗ 2. 30 cm

✓ 3. 35 cm

✗ 4. 45 cm

Question ID : **26433082108**
Status : **Answered**
Chosen Option : **3**

Q.18 1 man and 4 women can complete a work in $\frac{65}{4}$ days, while 3 men and 4 women can complete it in $\frac{13}{2}$ days. In how many days will 13 women complete the same?

Ans

✓ 1. 20

✗ 2. 16

✗ 3. 14

✗ 4. 18

Question ID : **26433074314**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **The table given below shows the number of calculator sold by five shopkeepers.**

Shopkeepers	Calculator
S1	40
S2	60
S3	55
S4	35
S5	80

Number of calculator sold by S5 is what percent of the number of calculator sold by S1?

Ans

✗ 1. 100 percent

✗ 2. 150 percent

✓ 3. 200 percent

✗ 4. 50 percent

Question ID : **264330105719**
Status : **Answered**
Chosen Option : **3**

Q.20 What is the value of $\cos^2 15°$?

Ans

✗ 1. $(2+\sqrt{3})$

✓ 2. $\frac{(2+\sqrt{3})}{4}$

✗ 3. $\frac{(2+\sqrt{3})}{2}$

✗ 4. $\frac{(1+\sqrt{3})}{2}$

Question ID : **264330105893**
Status : **Answered**
Chosen Option : **2**

Q.21 From point H, at 6 : 30 pm, a train starts moving towards point K at the speed of 90 km/hr. Another train starts moving from point K at 7:30 p.m. towards point H at the speed of 72 km/hr. Both the train meet at 11:30 p.m. at point J. What is the ratio of the distance HJ and KJ?

Ans

✓ 1. 25 : 16

✗ 2. 5 : 16

✗ 3. 36 : 25

✗ 4. 31 : 19

Question ID : **264330105701**
Status : **Not Answered**
Chosen Option : **--**

Q.22 In a race, there are 4 members in a team. Each member has to cover 5 km one after another. If the total time taken is 30 minutes, then what would have been the average speed?

Ans

✗ 1. $50\,\frac{km}{hr}$

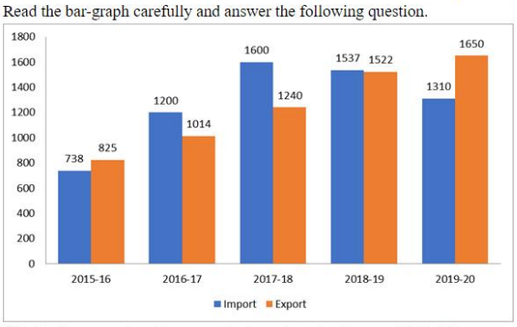
✓ 2. $40\,\frac{km}{hr}$

✗ 3. $50\,\frac{m}{sec}$

✗ 4. $40\,\frac{m}{sec}$

Question ID : **26433071301**
Status : **Not Answered**
Chosen Option : **--**

Q.23 The import and export of a country (in lakhs rupees) during a certain period of time is given in the following bar-graph. Read the bar-graph carefully and answer the following question.



What is the percentage increment in import during the year 2016-17 as compared to the year 2015-16? (correct up to two decimals)

Ans
- ✗ 1. 60.62%
- ✓ 2. 62.60%
- ✗ 3. 38.50%
- ✗ 4. 65.32%

Question ID : **26433080347**
Status : **Answered**
Chosen Option : **4**

Q.24 **Rohan sold goods to Ankith worth Rs.55,000 at 15% trade discount. How much money did Ankith pay to Rohan?**

Ans
- ✗ 1. Rs.8,250
- ✗ 2. Rs.12,550
- ✗ 3. Rs.22,550
- ✓ 4. Rs.46,750

Question ID : **26433075946**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **The table given below shows the marked price and value of discount of 7 articles.**

Articles	Marked price	Discount
D	1100	500
E	700	200
F	900	500
G	600	400
H	400	300
I	500	200
J	1000	200

What is the average marked price of all the articles?

Ans
- ✗ 1. 824.12
- ✗ 2. 814.12
- ✓ 3. 742.85
- ✗ 4. 704.15

Question ID : **264330105739**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 **Parts of the following sentence have been given as options. Select the option that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.**

I am having trouble / deciding in / a gift for them. / no error

Ans

✗ 1. a gift for them.

✗ 2. No error

✗ 3. I am having trouble

✓ 4. deciding in

Question ID : **26433073832**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the option that can be used as a one-word substitute for the given group of words.**

A small island

Ans

✓ 1. Islet

✗ 2. Lagoon

✗ 3. Closet

✗ 4. Isthmus

Question ID : **26433070711**
Status : **Answered**
Chosen Option : **2**

Q.3 **Select the option that expresses the given sentence in passive voice.**

The company sold the newly introduced car to the highest bidder.

Ans

✓ 1. The newly introduced car was sold to the highest bidder by the company.

✗ 2. The company sold the newly introduced car to the highest bidder.

✗ 3. The newly introduced car has sold to the highest bidder by the company.

✗ 4. The newly introduced car sold to the highest bidder by the company.

Question ID : **26433088946**
Status : **Answered**
Chosen Option : **1**

Q.4 **Select the most appropriate meaning of the underlined idiom that can be substituted in the following sentence.**

The young boy was <u>born with a silver spoon in his mouth</u>.

Ans

✗ 1. born with a spoon stuck in his mouth

✓ 2. born to riches and luxury

✗ 3. born with a spoon that was not of gold

✗ 4. born to not so rich parents

Question ID : **26433072226**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the most appropriate option to fill in the blank and complete the collocation.**

Always be in _____ with your near and dear ones as life is uncertain and fragile.

Ans
- ✔ 1. touch
- ✘ 2. relation
- ✘ 3. communication
- ✘ 4. connection

Question ID : **26433073567**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the correct direct form of the given sentence.**
Professor told me that I could not rescue myself from that bait.

Ans
- ✘ 1. Professor says to me, “You cannot rescue yourself from this bait.”
- ✘ 2. Professor said to me, “You have not rescued yourself from this bait.”
- ✘ 3. Professor said to us, “You cannot rescue yourself from this bait.”
- ✔ 4. Professor said to me, “You cannot rescue yourself from this bait.”

Question ID : **264330104644**
Status : **Answered**
Chosen Option : **4**

Q.7 **Select the most appropriate synonym of the given word.**

Fatigue

Ans
- ✔ 1. Tiredness
- ✘ 2. Feebleness
- ✘ 3. Loaf
- ✘ 4. Effort

Question ID : **26433071834**
Status : **Answered**
Chosen Option : **1**

Q.8 **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’.**

I am working hard in order to <u>earn a decent living</u>.

Ans
- ✘ 1. buying a decent living
- ✘ 2. earning a better living
- ✘ 3. purchase a reputed life
- ✔ 4. No substitution

Question ID : **26433087894**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the most appropriate idiom that can substitute the italicised words in the given sentence.**

The world needs a global leader who can hold out a *gesture of peace*

Ans
- ✗ 1. mother wit
- ✗ 2. halcyon days
- ✗ 3. a grass widow
- ✓ 4. an olive branch

Question ID : **26433060510**
Status : **Answered**
Chosen Option : **4**

Q.10 **Select the most appropriate ANTONYM of the word leisure from the given sentence:**
After my working hours, I use my leisure time to take care of my flower garden, dig my restricted land, sow seeds and water the plants for proper growth and development.

Ans
- ✗ 1. growth
- ✓ 2. working
- ✗ 3. restricted
- ✗ 4. development

Question ID : **26433058562**
Status : **Answered**
Chosen Option : **2**

Q.11 **Select the INCORRECTLY spelt word in the following sentence.**
Rather than being aggressive, you should be accomodative, magnanimous and benevolent in nature.

Ans
- ✓ 1. accomodative
- ✗ 2. magnanimous
- ✗ 3. aggressive
- ✗ 4. benevolent

Question ID : **26433058611**
Status : **Answered**
Chosen Option : **3**

Q.12 **Select the option that can be used as a one-word substitute for the given group of words.**

A group of stars having a particular shape

Ans
- ✓ 1. Constellation
- ✗ 2. Planet
- ✗ 3. Orbit
- ✗ 4. Galaxy

Question ID : **26433072802**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the option that can be used as a one-word substitute for the given group of words.**

A huge building with a spacious area to house aircrafts.

Ans
✗ 1. Airport
✗ 2. Hanger
✓ 3. Hangar
✗ 4. House

Question ID : **26433060104**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the option that expresses the given sentence in passive voice.**

Did Rani call you?

Ans
✗ 1. Did you called by Rani?
✗ 2. Was you called by Rani?
✓ 3. Were you called by Rani?
✗ 4. Are you called by Rani?

Question ID : **26433093526**
Status : **Answered**
Chosen Option : **3**

Q.15 **Rearrange the parts of the sentence in correct order.**
The decision not
P. to include any kind of wealth or
Q. crisis, has proven controversial
R. income tax, which would be the fairer option
S. for solving the social care funding

Ans
✗ 1. SQPR
✓ 2. PRSQ
✗ 3. RSPQ
✗ 4. QPRS

Question ID : **264330104661**
Status : **Answered**
Chosen Option : **2**

Q.16 **Select the most appropriate synonym of the given word.**
Belief

Ans
✓ 1. Faith
✗ 2. Promise
✗ 3. System
✗ 4. Religion

Question ID : **26433070621**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the sentence which does NOT have a spelling error.**

Ans

✗ 1. The art and science of designing buildings is called architecchure.

✓ 2. The art and science of designing buildings is called architecture.

✗ 3. The art and science of designing buildings is called archtiecture.

✗ 4. The art and science of designing buildings is called architectrue.

Question ID : **26433060924**
Status : **Answered**
Chosen Option : **2**

Q.18 **Select the most appropriate collocation to substitute the underlined word in the given sentence.**

We <u>congratulated him at</u> his new job. He was delighted.

Ans

✗ 1. congratulate him up

✓ 2. congratulated him on

✗ 3. congratulate him with

✗ 4. congratulate him along

Question ID : **26433072098**
Status : **Answered**
Chosen Option : **2**

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

Inherent

Ans

✗ 1. Increase

✗ 2. Superficial

✓ 3. Inborn

✗ 4. Conclusion

Question ID : **26433072193**
Status : **Answered**
Chosen Option : **3**

Q.20 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
Both Reeta and Ronika / has won / the dance competition / this year.

Ans

✗ 1. the dance competition

✗ 2. this year.

✗ 3. Both Reeta and Ronika

✓ 4. has won

Question ID : **26433086309**
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.

Human migration may be traced all the way back to the (1)_____ of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2)_____, and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3)_____. Potential migrants will not only (4)_____ whether or not to migrate, but also where they will go. Individuals with (5) _____ observed and unobserved features will make diverse decisions and self-select into specific areas.

SubQuestion No : 21

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

Ans

✗ 1. glimpse

✗ 2. ahead

✓ 3. dawn

✗ 4. break

Question ID : **26433084805**
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.

Human migration may be traced all the way back to the (1)_____ of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2)_____, and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3)_____. Potential migrants will not only (4)_____ whether or not to migrate, but also where they will go. Individuals with (5) _____ observed and unobserved features will make diverse decisions and self-select into specific areas.

SubQuestion No : 22

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

Ans

✗ 1. joins

✓ 2. ties

✗ 3. chains

✗ 4. fights

Question ID : **26433084806**
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.

Human migration may be traced all the way back to the (1)_____ of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2)_____, and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3)_____. Potential migrants will not only (4)_____ whether or not to migrate, but also where they will go. Individuals with (5) _____ observed and unobserved features will make diverse decisions and self-select into specific areas.

SubQuestion No : 23

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

Ans

✗ 1. assorted

✗ 2. uniform

✓ 3. diverse

✗ 4. constant

Question ID : **26433084807**
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.

Human migration may be traced all the way back to the (1)_____ of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2)_____, and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3)_____. Potential migrants will not only (4)_____ whether or not to migrate, but also where they will go. Individuals with (5) _____ observed and unobserved features will make diverse decisions and self-select into specific areas.

SubQuestion No : 24

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

Ans

✗ 1. settle

✓ 2. determine

✗ 3. certify

✗ 4. induce

Question ID : **26433084808**
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.

Human migration may be traced all the way back to the (1)_____ of time, and humans have been on the move ever since. Climate change, war and displacement, economic considerations, living conditions, family and clan (2)_____, and, more recently, educational possibilities are all reasons for migration. Because there are several reasons for migration, migration patterns are (3)_____. Potential migrants will not only (4)_____ whether or not to migrate, but also where they will go. Individuals with (5) _____ observed and unobserved features will make diverse decisions and self-select into specific areas.

SubQuestion No : 25

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

Ans

✗ 1. considering

✓ 2. varying

✗ 3. convincing

✗ 4. experiencing

Question ID : **26433084809**
Status : **Answered**
Chosen Option : **2**