Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 2 Duhai
Exam Date	02/12/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(11,13,143)
(17, 11, 187)
(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 /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOTallowed)

Ans
✗ 1. (3, 4, 7)
✗ 2. (3, 4, 13)
✓ 3. (3, 4, 12)
✗ 4. (3, 4, 1)

Question ID : **26433087182**
Status : **Answered**
Chosen Option : **3**

Q.2 **In a certain code language, 'GOLF' is coded as '44' and 'BALL' is coded as '31'. How will 'PLAY' be coded in that language?**

Ans
✗ 1. 60
✓ 2. 58
✗ 3. 62
✗ 4. 56

Question ID : **26433067335**
Status : **Answered**
Chosen Option : **2**

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

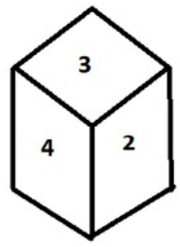


figure 1

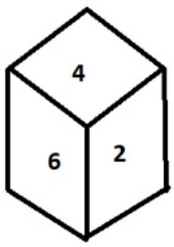


figure 2

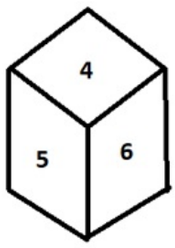
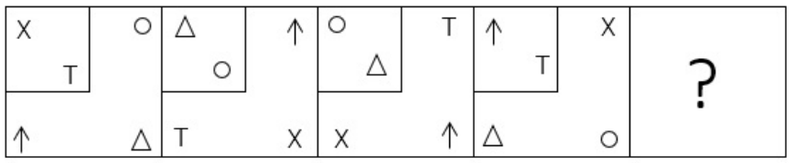


figure 3

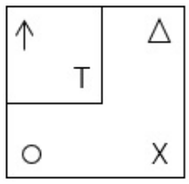
Ans
✗ 1. 3
✗ 2. 6
✗ 3. 5
✓ 4. 4

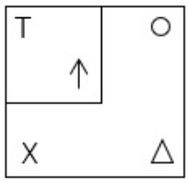
Question ID : **26433070245**
Status : **Answered**
Chosen Option : **4**

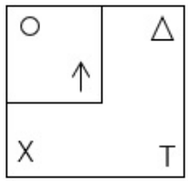
Q.4 Which figure should replace the question mark (?) if the series were to be continued?

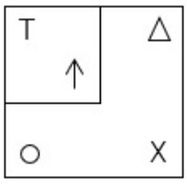


Ans

✗ 1.


✗ 2.


✗ 3.


✓ 4.


Question ID : **26433076651**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **After interchanging the given two numbers and two signs what will be the values of equation (I) and (II) respectively?**
+ and ×, 5 and 4
I. 4 + 6 × 5 – 7 ÷ 1
II. 5 × 3 – 4 + 8 ÷ 2

Ans

✗ 1. –9, –8

✗ 2. 30, –13

✗ 3. 20, 6

✓ 4. 27, –13

Question ID : **264330105150**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.**
99 * 33 * 66 * 22 * 44 * 50

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

Question ID : **26433068679**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **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. EVS
✓ 2. IRP
✗ 3. VEB
✗ 4. GTQ

Question ID : **26433069007**
Status : **Answered**
Chosen Option : **2**

Q.8 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1. Fustian
2. Funerary
3. Fusion
4. Funicular
5. Fuscous
6. Fundament
7. Fuselage

Ans
✗ 1. 6, 2, 5, 7, 3, 4, 1
✗ 2. 6, 2, 5, 7, 4, 1, 3
✓ 3. 6, 2, 4, 5, 7, 3, 1
✗ 4. 6, 2, 5, 4, 7, 3, 1

Question ID : **26433068929**
Status : **Answered**
Chosen Option : **3**

Q.9 **A + B means 'A is the father of B'**
A – B means 'A is the mother of B'
A % B means 'A is the brother of B'
A & B means 'A is the son of B'
If A + B & C – D + E, then how is A related to E?

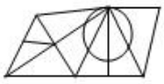
Ans
✗ 1. Father's brother
✗ 2. Father
✗ 3. Brother
✓ 4. Father's father

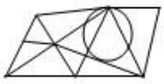
Question ID : **26433059903**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

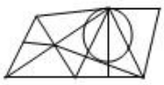
(X)

Ans

✗ 1. 

✗ 2. 

✓ 3.

✗ 4. 

Question ID : **26433068910**
Status : **Answered**
Chosen Option : **3**

Q.11 **उस शब्द-युग्म का चयन कीजिए, जो ठीक उसी संबंध का निरूपण करता हो, जो संबंध दिए गए इस शब्द-युग्म में अभिव्यक्त है।**
(शब्दों को अर्थपूर्ण शब्दों के रूप में माना जाना चाहिए और शब्द के अक्षरों की संख्या/व्यंजनों की संख्या/ स्वरों की संख्या के आधार पर परस्पर संबंधित नहीं होना चाहिए)
हंसिनी : हंस

Ans

✗ 1. वयस्क : शिशु

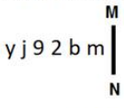
✓ 2. जादूगरनी : जादूगर

✗ 3. बरगद : पेड़

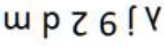
✗ 4. सुअर : सुअर का बच्चा

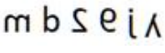
Question ID : **26433068424**
Status : **Answered**
Chosen Option : **2**

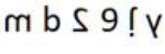
Q.12 Select the correct mirror image of the given combination when the mirror is placed at line MN as shown.

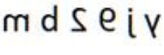


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **26433068204**
Status : **Answered**
Chosen Option : **4**

Q.13 **Which of the following letter-clusters will replace the question mark (?) in the given series?**
LAT, NDR, PGP, ?, TML

Ans

✗ 1. SKO

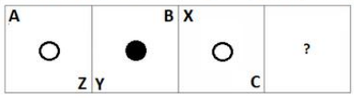
✗ 2. RKN

✗ 3. SJO

✓ 4. RJN

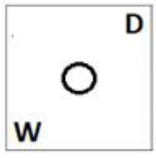
Question ID : **26433057987**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the figure from among the given options that can replace the question mark (?) in the following series.

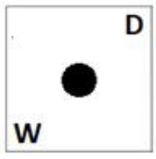


Ans

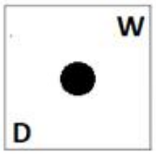
✗ 1.



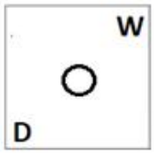
✗ 2.



✗ 3.



✓ 4.



Question ID : **26433057855**
Status : **Answered**
Chosen Option : **3**

Q.15 **Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.**
CONTROL : NOCTRLO :: MISTAKE : SIMTAEK :: JOURNAL : ?

Ans

✗ 1. AOUNRJL

✗ 2. OJRLAUN

✗ 3. JRNAOUL

✓ 4. UOJRNLA

Question ID : **26433069025**
Status : **Answered**
Chosen Option : **4**

Q.16 **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)
(15, 9, 4)
(7, 2, 3)

Ans
✗ 1. (21, 12, 6)
✓ 2. (19, 13, 4)
✗ 3. (24, 9, 11)
✗ 4. (18, 7, 7)

Question ID : **26433070238**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **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. (6 – 60 – 50)
✓ 2. (7 – 70 – 68)
✗ 3. (8 – 80 – 70)
✗ 4. (9 – 90 –80)

Question ID : **264330105085**
Status : **Answered**
Chosen Option : **2**

Q.18 **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:
Some grasses are trees.
Some trees are branches.
Some branches are dogs.
Conclusions:
I. Some grasses are branches.
II. Some trees are dogs.
III. Some grasses are dogs.
IV. Some branches are grasses.

Ans
✓ 1. None of the conclusions follow
✗ 2. Only conclusions II and III follow
✗ 3. Only conclusions III and IV follow
✗ 4. Only conclusions I and II follow

Question ID : **26433068556**
Status : **Answered**
Chosen Option : **1**

Q.19 **By interchanging the given two signs and numbers which of the following equation will be correct?**
× and +, 9 and 6

Ans
✔ 1. 7 × 6 ÷ 3 + 9 – 8 = 17
✘ 2. 6 × 8 – 9 ÷ 3 + 5 = 50
✘ 3. 7 + 6 × 4 ÷ 9 – 8 = 8
✘ 4. 9 × 7 + 4 ÷ 1 – 6 = 7

Question ID : **264330105135**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **In the following question, select the missing number from the given series.**
345, 356, 368, 381, 395, ?

Ans
✘ 1. 409
✘ 2. 408
✘ 3. 406
✔ 4. 410

Question ID : **264330105011**
Status : **Answered**
Chosen Option : **4**

Q.21 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
DMT, JOB, PQJ, VSR, ?

Ans
✘ 1. BZY
✘ 2. ZYM
✔ 3. BUZ
✘ 4. BZM

Question ID : **264330104801**
Status : **Answered**
Chosen Option : **3**

Q.22 **In a certain code language, 'DENTIST' is written as 'CDMSHRS' and 'TOOTH' is written as 'SNNSG', how will 'HEALING' be written in that language?**

Ans
✘ 1. IFBMJOH
✘ 2. GDZMJOH
✘ 3. IFBKHMF
✔ 4. GDZKHMF

Question ID : **26433067762**
Status : **Answered**
Chosen Option : **4**

Q.23 **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 H.
II. No B is A.
Conclusion:
I. Some A are not B.
II. No B is H.

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

Question ID : **264330104924**
Status : **Answered**
Chosen Option : **4**

Q.24 **If A ÷ B means that A is the father of B, A × B means that A is the mother of B, A + B means that A is the brother of B then which of the following expression shows that Q is the daughter of P?**

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

Question ID : **264330104990**
Status : **Answered**
Chosen Option : **1**

Q.25 **Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.**
21 : 196 :: 29 : ? :: 38 : 315

Ans
✗ 1. 319
✓ 2. 252
✗ 3. 203
✗ 4. 841

Question ID : **26433068378**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 **Bimbavati Devi is an exponent of which Indian dance form?**

Ans
✗ 1. Chhau
✓ 2. Manipuri
✗ 3. Kathakali
✗ 4. Odissi

Question ID : **26433054326**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **It is the duty of every citizen to uphold and protect the _____, unity and integrity of India.**

Ans
✗ 1. autonomy
✗ 2. authority
✓ 3. sovereignty
✗ 4. privacy

Question ID : **26433086782**
Status : **Answered**
Chosen Option : **3**

Q.3 **Which of the following statements about the Vice President of India is INCORRECT?**

Ans
✗ 1. Members of State legislatures do not take part in his elections.
✗ 2. He acts as the ex-officio Chairman of the Rajya Sabha.
✗ 3. The Vice President is elected for five years.
✓ 4. He can be removed from his office by the President approved through a resolution passed by the Lok Sabha and Rajya Sabha.

Question ID : **26433074847**
Status : **Answered**
Chosen Option : **4**

Q.4 **The Kuchipudi classical dance is accompanied with which type of music?**

Ans
✗ 1. Kajri
✗ 2. Chaiti
✓ 3. Carnatic Music
✗ 4. Hindustani Music

Question ID : **26433064644**
Status : **Answered**
Chosen Option : **3**

Q.5 **Which Indian budget introduced a statement highlighting the gender sensitivities of the budgetary allocations?**

Ans
✗ 1. 2008-09
✗ 2. 2010-11
✓ 3. 2005-06
✗ 4. 2001-02

Question ID : **264330105390**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **According to Union Health Ministry, a new display image, with a warning written as "Tobacco causes painful death" will be printed on tobacco products manufactured, imported, or packaged on or after _____.**

Ans
✗ 1. 1 January, 2023
✗ 2. 1 February, 2023
✗ 3. 1 November, 2022
✓ 4. 1 December, 2022

Question ID : **264330105234**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Ishwarchandra vidyasagar set up school for girls at _____.

Ans
✗ 1. Bombay
✗ 2. Surat
✗ 3. Lahore
✓ 4. Calcutta

Question ID : **264330105582**
Status : **Answered**
Chosen Option : **4**

Q.8 The proposed Rowlett Act of 1919 allowed detention of political prisoners without trial for_____.

Ans
✓ 1. two years
✗ 2. six months
✗ 3. two months
✗ 4. one year

Question ID : **26433085266**
Status : **Answered**
Chosen Option : **1**

Q.9 Which of the following is correctly matched?

Ans
✗ 1. Kaal Baisakhi - Autumn winds
✗ 2. Trade winds - Winter snow storm
✓ 3. Loo - Hot wind
✗ 4. Loo - Winter stormy winds

Question ID : **26433071445**
Status : **Answered**
Chosen Option : **3**

Q.10 The scheme, “Bahini”, aims at providing 100 percent access to free and safe sanitary pads to secondary and senior secondary school going girls. This scheme was launched by which state government?

Ans
✗ 1. Bihar
✓ 2. Sikkim
✗ 3. Arunachal Pradesh
✗ 4. Assam

Question ID : **264330105262**
Status : **Answered**
Chosen Option : **3**

Q.11 The Competition (Amendment) Bill, 2022 proposes to reduce the timeline for the CCI to pass an order on transactions from 210 days to _____ days.

Ans
✗ 1. 140
✗ 2. 180
✓ 3. 150
✗ 4. 190

Question ID : **264330105233**
Status : **Not Answered**
Chosen Option : **--**

Q.12 At present, the Grand Trunk Road extends from _____ in India.

Ans
✗ 1. Kashmir to Kanyakumari
✓ 2. Amritsar to Kolkata
✗ 3. Chennai to Kolkata
✗ 4. Agra to Kolkata

Question ID : **26433089224**
Status : **Answered**
Chosen Option : **2**

Q.13 What is the average circumference of the standard cricket ball in international cricket?

Ans
✗ 1. 7.89 inches - 8.45 inches
✗ 2. 10.46 inches - 10.90 inches
✗ 3. 9.45 inches - 10.20 inches
✓ 4. 8.81 inches - 9 inches

Question ID : **26433070838**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which of the following festivals is known as Vijaya Utsav?

Ans
✓ 1. Hampi Festival
✗ 2. Gangasagar Mela
✗ 3. Pushkar Fair
✗ 4. Konark Dance Festival

Question ID : **26433071694**
Status : **Answered**
Chosen Option : **3**

Q.15 The type of forests located in mid latitudinal coastal region is _____.

Ans
✗ 1. Tropical rainforest
✗ 2. Mediterranean vegetation
✗ 3. Monsoon forest
✓ 4. Temperate evergreen forest

Question ID : **264330105639**
Status : **Answered**
Chosen Option : **2**

Q.16 When did Prime Minister, Narendra Modi integrate selected fitness enthusiasts of the country in the first session of 'Fit India Dialogue' as a part of the 'Fit India Movement'?

Ans
✗ 1. 24 September 2019
✗ 2. 24 September 2018
✓ 3. 24 September 2020
✗ 4. 24 September 2021

Question ID : **26433059383**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **Which of the following is the most important festival celebrated by the Muslim community in India to mark the beginning of the Islamic New Year?**

Ans
✗ 1. Milad-Un-Nabi
✓ 2. Muharram
✗ 3. Idu'l Zuha
✗ 4. Idu'l Fitr

Question ID : **26433072643**
Status : **Answered**
Chosen Option : **1**

Q.18 **In which of the following years was the Treaty of Salbai signed?**

Ans
✗ 1. 1817
✗ 2. 1769
✗ 3. 1800
✓ 4. 1782

Question ID : **26433089145**
Status : **Answered**
Chosen Option : **2**

Q.19 **Limestone, chalk and marble are different forms of _____.**

Ans
✗ 1. Calcium phosphate
✗ 2. Calcium hydroxide
✗ 3. Calcium oxide
✓ 4. Calcium carbonate

Question ID : **264330105479**
Status : **Answered**
Chosen Option : **2**

Q.20 **Which of the following is NOT correct regarding king Harshavardhana?**

Ans
✗ 1. Harshavardhana ruled nearly about 1400 years ago
✗ 2. Xuan Zang spent a lot of time at Harsha's court
✓ 3. Harshavardhana's court poet was Harishena
✗ 4. Harshacharita is a biography written on Harshavardhana

Question ID : **264330105195**
Status : **Answered**
Chosen Option : **3**

Q.21 **For the first time the objective of self-reliance was incorporated in the ____ Five-Year Plan.**

Ans
✓ 1. third
✗ 2. second
✗ 3. fifth
✗ 4. first

Question ID : **26433065459**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Productivity of an ecosystem is composed of which of the following?

Ans
✗ 1. Gross productivity and primary productivity
✗ 2. Primary and secondary productivity
✗ 3. Net productivity and consumption
✓ 4. Net primary productivity and gross primary productivity

Question ID : **26433086752**
Status : **Not Answered**
Chosen Option : **--**

Q.23 How does hydrochloric acid help in facilitating the action of pepsin?

Ans
✓ 1. Hydrochloric acid creates an acidic medium which facilitates the action of the enzyme pepsin.
✗ 2. Hydrochloric acid helps break down pepsin.
✗ 3. Hydrochloric acid creates an alkaline medium which facilitates the action of the enzyme pepsin.
✗ 4. Hydrochloric acid creates a basic medium which facilitates the action of the enzyme pepsin.

Question ID : **26433064756**
Status : **Answered**
Chosen Option : **2**

Q.24 In 1979, who shared the Nobel Prize with Georg Wittig for their 'development of the use of boron- and phosphorus-containing compounds, respectively, into important reagents in organic synthesis'?

Ans
✓ 1. Herbert C Brown
✗ 2. Arne Tiselius
✗ 3. Henry Taube
✗ 4. Emil Fischer

Question ID : **26433064073**
Status : **Not Answered**
Chosen Option : **--**

Q.25 According to census 2011, the male literacy rate in India is _____.

Ans
✗ 1. 81.14 percent
✓ 2. 82.14 percent
✗ 3. 84.14 percent
✗ 4. 83.14 percent

Question ID : **264330105531**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 **In an election between two candidates, the defeated candidate secured 42% of the valid votes polled and lost the election by 7,68,400 votes. If 82,560 votes were declared invalid and 20% people did NOT cast their vote, then the invalid votes were what percentage (rounded off to 1 decimal place) of the votes which people did NOT cast?**

Ans

✗ 1. 10.6 Percent

✗ 2. 9.8 Percent

✗ 3. 12.9 Percent

✓ 4. 6.8 Percent

Question ID : **26433063201**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **If the side of an equilateral triangle is 24 cm, then what is its area?**

Ans

✗ 1. $169\sqrt{3}\ cm^2$

✗ 2. $125\sqrt{3}\ cm^2$

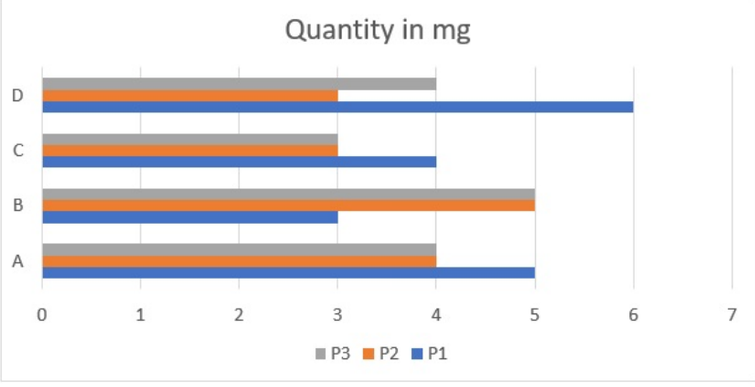
✗ 3. $256\sqrt{3}\ cm^2$

✓ 4. $144\sqrt{3}\ cm^2$

Question ID : **264330105822**
Status : **Answered**
Chosen Option : **4**

Q.3 Study the following chart and answer the question that follows.

The chart shows the quantity of substances (P1, P2, P3) in different drugs (A, B, C, D).



Which substance is/are most used in terms of quantity in all drugs?

Ans

✗ 1. P1 and P3

✗ 2. P3

✗ 3. P2

✓ 4. P1

Question ID : **26433085473**
Status : **Answered**
Chosen Option : **2**

Q.4 **Find the weighted arithmetic mean of the first 'n' natural numbers, the weights being the corresponding numbers.**

Ans

✗ 1. $\frac{\{n(n+1)(2n+1)\}}{6}$

✗ 2. $\frac{\{n(n+1)\}}{2}$

✓ 3. $\frac{(2n+1)}{3}$

✗ 4. n

Question ID : **26433073120**
Status : **Answered**
Chosen Option : **1**

Q.5 **A district has 10,24,000 inhabitants. If the population increases at the rate 2.5% per annum, find the number of inhabitants at the end of three years.**

Ans

✗ 1. 11,20,736

✓ 2. 11,02,736

✗ 3. 10,75,840

✗ 4. 10,64,850

Question ID : **26433092149**
Status : **Answered**
Chosen Option : **2**

Q.6 **A takes twice as much time as B and thrice as much time as C to finalise a task. Working together, they can complete the task in 8 days. The time (in days) taken by A, B and C, respectively, to complete the task is:**

Ans

✗ 1. 42, 21, 14

✗ 2. 60, 30, 20

✗ 3. 54, 27, 18

✓ 4. 48, 24, 16

Question ID : **26433075568**
Status : **Answered**
Chosen Option : **4**

Q.7

Simplify $\frac{x^2+2x+y^2}{x^3-5x^2}$ if $x+\frac{y^2}{x}=5$.

Ans

✗ 1. $\frac{5}{y^2}$

✗ 2. $\frac{7}{y^2}$

✗ 3. $-\frac{5}{y^2}$

✓ 4. $-\frac{7}{y^2}$

Question ID : **26433080256**
Status : **Not Answered**
Chosen Option : **--**

Q.8 If the diameter of a hemisphere is 28 cm, then what is the volume of hemisphere?

Ans
✔ 1. 5749.33 cm^3
✘ 2. 6349.22 cm^3
✘ 3. 6728.11 cm^3
✘ 4. 5124.44 cm^3

Question ID : **264330105848**
Status : **Answered**
Chosen Option : **1**

Q.9 If a + b = 5 and ab = 6 , then find $3(a^2 + b^2)$.

Ans
✔ 1. 39
✘ 2. 48
✘ 3. 26
✘ 4. 13

Question ID : **26433075268**
Status : **Answered**
Chosen Option : **1**

Q.10 In ΔABC, AB = AC, O is a point on BC such that BO = CO and OD is perpendicular to AB and OE is perpendicular to AC. If ∠BOD = 60°, then measure of ∠AOE is:

Ans
✘ 1. 120°
✘ 2. 60°
✔ 3. 30°
✘ 4. 90°

Question ID : **26433075401**
Status : **Answered**
Chosen Option : **1**

Q.11 The reduction of 20% in the price of rice enables a person to obtain 50 kg more for Rs.450. Find the original price of rice per kg.

Ans
✘ 1. Rs.1
✘ 2. Rs.2
✘ 3. Rs.1.25
✔ 4. Rs.2.25

Question ID : **26433065067**
Status : **Answered**
Chosen Option : **4**

Q.12 The surface area of a cube is 864 cm^2. The volume of the cube is _____.

Ans
✔ 1. 1728 cm^3
✘ 2. 2197 cm^3
✘ 3. 1331 cm^3
✘ 4. 729 cm^3

Question ID : **26433063978**
Status : **Answered**
Chosen Option : **1**

Q.13 **In a class of students, the first student has 2 toffees, second has 4 toffees, third has 6 toffees and so on. If the number of students in the class is 25, then the total number of toffees are divisible by _____.**

Ans

✗ 1. 5 and 7

✓ 2. 5 and 13

✗ 3. 11 and 13

✗ 4. 7 and 11

Question ID : **26433071240**
Status : **Answered**
Chosen Option : **2**

Q.14 **A laptop is sold for ₹65,520 after a discount of 25%. What was the marked price of the laptop?**

Ans

✗ 1. ₹87,630

✓ 2. ₹87,360

✗ 3. ₹87,370

✗ 4. ₹83,760

Question ID : **26433076179**
Status : **Answered**
Chosen Option : **2**

Q.15 **What will be the least number which when doubled will be exactly divisible by 15, 18, 25 and 32?**

Ans

✓ 1. 3600

✗ 2. 7200

✗ 3. 6400

✗ 4. 3200

Question ID : **26433074256**
Status : **Answered**
Chosen Option : **1**

Q.16 The distance covered by a train in $(5y - 1)$ hours is $(125\,y^3 - 1)$ km. The speed of the train is:

Ans

✗ 1. $(5\,y^3 - 1)$ km/h

✗ 2. $(25\,y^2 - 5y + 1)$ km/h

✗ 3. $(5y + 1)$ km/h

✓ 4. $(25\,y^2 + 5y + 1)$ km/h

Question ID : **26433062679**
Status : **Answered**
Chosen Option : **4**

Q.17 The sides of a triangle are in the ratio 4 : 6 : 8. The triangle is a/an:

Ans
✗ 1. isosceles triangle
✓ 2. obtuse-angled
✗ 3. acute-angled
✗ 4. right-angled

Question ID : **26433075009**
Status : **Answered**
Chosen Option : **2**

Q.18 The table given below shows the marks obtained by six students in two subjects.

	Subject	
Students	P	Q
A	150	200
B	160	180
C	200	300
D	120	400
E	300	570
F	100	220

If the maximum marks for subject P is 900 then what percentage of marks are obtained by A in subject P?

Ans
✗ 1. 125.5 percent
✓ 2. 16.67 percent
✗ 3. 9.09 percent
✗ 4. 11.11 percent

Question ID : **264330105709**
Status : **Answered**
Chosen Option : **2**

Q.19 In $\triangle ABC$, right-angled at B, AB = 7 cm and AC – BC = 1 cm. Find the value of sin C.

Ans
✗ 1. $\frac{3}{7}$
✗ 2. $\frac{12}{13}$
✗ 3. $\frac{3}{25}$
✓ 4. $\frac{7}{25}$

Question ID : **26433057161**
Status : **Answered**
Chosen Option : **4**

Q.20 **In a 400-metre race, A runs at a speed of 16 m/sec. If A gives B a start of 15 metres and still beats him by 10 sec, then what is the speed of B?**

Ans

✔ 1. 11 m/sec

✗ 2. 10 m/sec

✗ 3. 13 m/sec

✗ 4. 9 m/sec

Question ID : **26433080227**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **If sin θ + cos θ = √5 sin(90 – θ), find the value of cot θ.**

Ans

✗ 1. $\frac{\sqrt{5}-1}{5}$

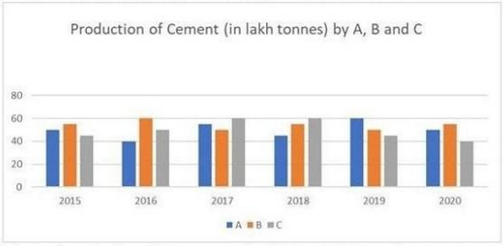
✔ 2. $\frac{\sqrt{5}+1}{4}$

✗ 3. $\frac{\sqrt{5}+1}{3}$

✗ 4. $\frac{\sqrt{5}-1}{4}$

Question ID : **26433061768**
Status : **Answered**
Chosen Option : **2**

Q.22 Study the given graph and answer the question that follows.



The total production of Company A in 2016 and 2019 together is what percentage of the total production of Company C in 2017 and 2018 together?

Ans

✗ 1. 20%

✔ 2. 83.33%

✗ 3. 120%

✗ 4. 5%

Question ID : **26433076216**
Status : **Answered**
Chosen Option : **2**

Q.23 The table given below shows the number of workers working in 5 different factories.

Factories	Workers
J	25
K	30
L	70
M	80
N	15

What is the total number of workers working in all factories?

Ans
✗ 1. 180
✗ 2. 240
✗ 3. 250
✓ 4. 220

Question ID : **264330105726**
Status : **Answered**
Chosen Option : **4**

Q.24 A, B, C and D share a property worth Rs.93,100. If A : B = 1 : 2, B : C = 3 : 4 and C : D = 5 : 6, then find the share of C.

Ans
✗ 1. Rs.34,000
✓ 2. Rs.28,000
✗ 3. Rs.25,000
✗ 4. Rs.31,000

Question ID : **26433063786**
Status : **Answered**
Chosen Option : **2**

Q.25 If $\text{cosec}A - \cot A = \frac{1}{4}$, then the value of $\tan A$ is:

Ans
✓ 1. $\frac{8}{15}$
✗ 2. $\frac{8}{17}$
✗ 3. $\frac{15}{17}$
✗ 4. $\frac{17}{15}$

Question ID : **26433075832**
Status : **Answered**
Chosen Option : **1**

Section : **English Comprehension**

Q.1 **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'.**
Solomon always refers <u>in the dictionary</u> for clearing doubts about words.

Ans
✗ 1. on the dictionary
✗ 2. No substitution
✓ 3. to the dictionary
✗ 4. with the dictionary

Question ID : **26433089275**
Status : **Answered**
Chosen Option : **3**

Q.2 **In the given sentence the underlined word may have been incorrectly spelt. Identify the option that rectifies the spelling. If there is no error in spelling, select 'No error'.**

Siraz-ud-Daula <u>beseiged</u> Calcutta to take punitive actions against the East India Company.

Ans
✗ 1. besiezed
✗ 2. besiejed
✓ 3. besieged
✗ 4. No error

Question ID : **26433058640**
Status : **Answered**
Chosen Option : **1**

Q.3 **In the given sentence the underlined word may have been incorrectly spelt. Identify the option that rectifies the spelling. If there is no error in spelling, select 'No error'.**

The <u>adoloscent</u> period of life, one of the most difficult stages of development, is known as the period of stress and storm.

Ans
✗ 1. adelescent
✓ 2. adolescent
✗ 3. adeloscent
✗ 4. No error

Question ID : **26433058641**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the option that expresses the given sentence in passive voice.**

Mandeep has repaired the truck.

Ans
✗ 1. The truck have been repaired by Mandeep.
✗ 2. The truck had been repaired by Mandeep.
✗ 3. The truck is been repaired by Mandeep.
✓ 4. The truck has been repaired by Mandeep.

Question ID : **26433093525**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the option that can be used as a one-word substitute for the underlined group of words.**

The man supervising the exam had a huge moustache.

Ans
✗ 1. Examiner
✗ 2. Curator
✗ 3. Controller
✓ 4. Invigilator

Question ID : **26433088617**
Status : **Answered**
Chosen Option : **4**

Q.6 **Rearrange the parts of the sentence in correct order.**
A single uranium
P. pencil eraser, contains the same energy
Q. pellet, slightly larger than a
R. as a ton of coal, 3 barrels of oil
S. or 17,000 cubic feet of natural gas

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

Question ID : **264330104671**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Select the correct direct form of the given sentence.**
Mr. Sharma asked him if Maya had invited him for lunch.

Ans
✓ 1. Mr. Sharma said to him, “Has Maya invited you for lunch?”
✗ 2. Mr. Sharma said to me, “Has Maya invited you for lunch?”
✗ 3. Mr. Sharma said to him, “Had Maya invited us for lunch?”
✗ 4. Mr. Sharma said to him, “Did Maya invited us for lunch?”

Question ID : **264330104637**
Status : **Answered**
Chosen Option : **1**

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

Listening to the news of his father’s illness, Soumen left for home with a heavy heart.

Ans
✗ 1. disturbance
✓ 2. sickness
✗ 3. disintegration
✗ 4. disorder

Question ID : **26433070647**
Status : **Answered**
Chosen Option : **2**

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

The jewel thief was punished by the judge.

Ans

✗ 1. Punishment had been given to jewel thief.

✗ 2. The police had punished the jewel thief.

✓ 3. The judge punished the jewel thief.

✗ 4. Punishment was given to jewel thief.

Question ID : **26433088556**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the most appropriate option to fill in the blank.**

The little boy demanded colourful balloons, ribbons in the village fair. When the father didn't pay heed to his demands, the boy made a_____.

Ans

✗ 1. cloven hoof

✓ 2. wry face

✗ 3. a far cry

✗ 4. jaundiced eye

Question ID : **26433070546**
Status : **Answered**
Chosen Option : **2**

Q.11 **Select the most appropriate synonym of the underlined word.**

The present paper throws light on the <u>nexus</u> between the academic performance and mental health of children.

Ans

✗ 1. Dispute

✗ 2. Alignment

✓ 3. Link

✗ 4. Incongruence

Question ID : **26433070508**
Status : **Answered**
Chosen Option : **3**

Q.12 **Select the most appropriate option to fill in the blank and complete the collocation.**

Every time my boss comes up with some good idea, he gets into _____.

Ans

✓ 1. trouble

✗ 2. fun

✗ 3. sleep

✗ 4. shock

Question ID : **26433073566**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

One of my friends <u>is gone</u> to Goa for a holiday.

Ans
✔ 1. has gone
✘ 2. are gone
✘ 3. gone
✘ 4. were gone

Question ID : **26433081307**
Status : **Answered**
Chosen Option : **1**

Q.14 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

Neither the doctors nor / the nurse were present / when the patient / reached the hospital.

Ans
✘ 1. Neither the doctors nor
✔ 2. the nurse were present
✘ 3. when the patient
✘ 4. reached the hospital.

Question ID : **26433088156**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the most appropriate option to fill in the blank.**

Although I have a good job, I wish to take the _____ of starting my own business.

Ans
✘ 1. back
✘ 2. seat
✘ 3. look
✔ 4. risk

Question ID : **26433089030**
Status : **Answered**
Chosen Option : **4**

Q.16 **Select the most appropriate synonym of the bracketed word to fill in the blank.**

If we want to progress, we must sometimes embrace _____ (mutate).

Ans
✘ 1. replicate
✘ 2. imitate
✔ 3. change
✘ 4. incise

Question ID : **26433060687**
Status : **Answered**
Chosen Option : **3**

Q.17 **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'.**

Finally, here are a few examples <u>of passages and their précis</u>.

Ans

✗ 1. by passages and their précis

✗ 2. of passages and there precis

✗ 3. of passages and there precises

✓ 4. No substitution

Question ID : **26433073399**
Status : **Answered**
Chosen Option : **4**

Q.18 **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. As a boy Elon was a keen reader and learnt how to code computers.
Q. He even made his own video game called Blastar.
R. Later he moved to Canada and then the United States setting up his first company with his brother Kimbal in 1995.
S. But after some time, he sold that company to create a company called X.com.

Ans

✗ 1. RPSQ

✗ 2. PRSQ

✗ 3. SQRP

✓ 4. PQRS

Question ID : **264330104707**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Mr. Raghav <u>racked his brain</u>, but couldn't think where he had left the book.

Ans

✓ 1. thought very hard

✗ 2. had a series of consecutive thoughts

✗ 3. knew it, but couldn't quite remember it

✗ 4. thought he had heard something before

Question ID : **26433071893**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the most appropriate ANTONYM of the underlined word.**
The recent disaster of <u>unprecedented</u> floods in June 2013 in the state of Uttarakhand devastated many towns and villages on the banks of the rivers Bhagirathi, Pindar, Mandakini, Alaknanda and Sarju.

Ans

✗ 1. Lacklustre

✗ 2. Tarnished

✓ 3. Familiar

✗ 4. Deranged

Question ID : **26433061564**
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.

Tattooing is a talent that requires a lot of time and (1)_____. There are many various kinds and (2)_____ of tattooing. Tattooing was and still is a means to communicate someone's thoughts or life by permanently (3)_____ a design of ink and colour into their flesh. The first step in tattooing is to develop an artistic (4)_____ and the skill to sketch and create your artwork. Tattooing penmanship is far more (5)_____ than sketching on paper.

SubQuestion No : 21

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

Ans

✗ 1. integrity

✗ 2. capacity

✗ 3. liability

✓ 4. ability

Question ID : **26433084874**
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.

Tattooing is a talent that requires a lot of time and (1)_____. There are many various kinds and (2)_____ of tattooing. Tattooing was and still is a means to communicate someone's thoughts or life by permanently (3)_____ a design of ink and colour into their flesh. The first step in tattooing is to develop an artistic (4)_____ and the skill to sketch and create your artwork. Tattooing penmanship is far more (5)_____ than sketching on paper.

SubQuestion No : 22

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

Ans

✗ 1. views

✓ 2. genres

✗ 3. keys

✗ 4. gestures

Question ID : **26433084875**
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.

Tattooing is a talent that requires a lot of time and (1)_____. There are many various kinds and (2)_____ of tattooing. Tattooing was and still is a means to communicate someone's thoughts or life by permanently (3)_____ a design of ink and colour into their flesh. The first step in tattooing is to develop an artistic (4)_____ and the skill to sketch and create your artwork. Tattooing penmanship is far more (5)_____ than sketching on paper.

SubQuestion No : 23

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

Ans

✗ 1. detaching

✓ 2. embedding

✗ 3. combining

✗ 4. fertilising

Question ID : **26433084876**
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.

Tattooing is a talent that requires a lot of time and (1)_____. There are many various kinds and (2)_____ of tattooing. Tattooing was and still is a means to communicate someone's thoughts or life by permanently (3)_____ a design of ink and colour into their flesh. The first step in tattooing is to develop an artistic (4)_____ and the skill to sketch and create your artwork. Tattooing penmanship is far more (5)_____ than sketching on paper.

SubQuestion No : 24

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

Ans

✗ 1. glimpse

✗ 2. drama

✓ 3. attitude

✗ 4. career

Question ID : **26433084877**
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.

Tattooing is a talent that requires a lot of time and (1)_____. There are many various kinds and (2)_____ of tattooing. Tattooing was and still is a means to communicate someone's thoughts or life by permanently (3)_____ a design of ink and colour into their flesh. The first step in tattooing is to develop an artistic (4)_____ and the skill to sketch and create your artwork. Tattooing penmanship is far more (5)_____ than sketching on paper.

SubQuestion No : 25

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

Ans

✗ 1. aggravated

✗ 2. confiscated

✓ 3. complicated

✗ 4. authenticated

Question ID : **26433084878**
Status : **Answered**
Chosen Option : **3**