Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	TCS Gito Bitan
Exam Date	12/12/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
ABCD, AXUR, ATMF, APET, ?

Ans
✗ 1. RATM
✓ 2. ALWH
✗ 3. ALHR
✗ 4. AMNO

Question ID : **264330104841**
Status : **Answered**
Chosen Option : **2**

Q.2 **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. UCF
✗ 2. ZXA
✗ 3. NJM
✓ 4. HDX

Question ID : **26433081509**
Status : **Answered**
Chosen Option : **4**

Q.3 **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 S are B.
II. Some B are C.
Conclusions:
I. All S are C.
II. No C is B.
III. All B are S.

Ans
✗ 1. All conclusion follows
✗ 2. Only conclusion I follows
✓ 3. Neither conclusion follows
✗ 4. Only conclusion II follows

Question ID : **264330104944**
Status : **Answered**
Chosen Option : **3**

Q.4 **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:
No cup is a plate.
All cups are utensils.
Some bottles are cups.

Conclusions:
I. Some utensils are not plates.
II. Some bottles are not plates.
III. No bottle is a plate.

Ans
✔ 1. Only conclusions I and II follow
✘ 2. Only conclusions II and III follow
✘ 3. All conclusions follow
✘ 4. Only conclusions I and III follow

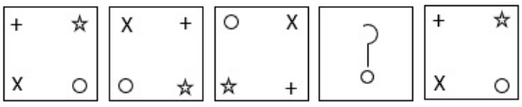
Question ID : **26433068830**
Status : **Answered**
Chosen Option : **2**

Q.5 **A # B means 'A is the sister of B'.**
A @ B means 'A is the son of B'.
A & B means 'A is the father of B'.
A % B means 'A is the mother of B'.
If W @ Q % T & Y @ M % K, then how is W related to K?

Ans
✘ 1. Father
✘ 2. Mother's brother
✔ 3. Father's brother
✘ 4. Brother

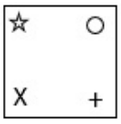
Question ID : **26433068151**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the figure that can replace the question mark (?) in the following figure series.

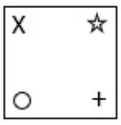


Ans

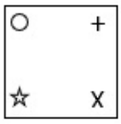
✗ 1.



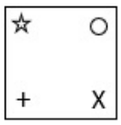
✗ 2.



✗ 3.

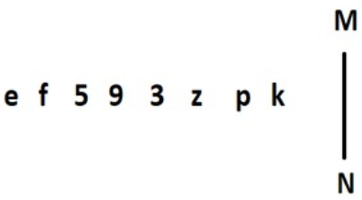


✓ 4.



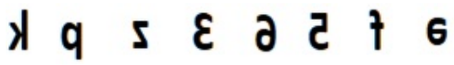
Question ID : **26433082583**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

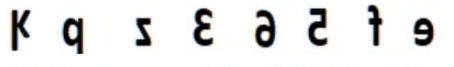


Ans

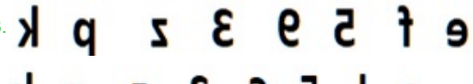
✗ 1.



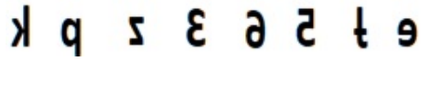
✗ 2.



✓ 3.



✗ 4.



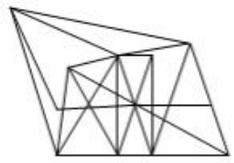
Question ID : **26433070256**
Status : **Answered**
Chosen Option : **3**

Q.8 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 : **26433068903**
Status : **Answered**
Chosen Option : **1**

Q.9 **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.**
WITNESS : SSENTIW :: SILENCE : ECNELIS :: PROTECT : ?

Ans

✘ 1. PROCETT

✔ 2. TCETORP

✘ 3. CETPROT

✘ 4. RPOTCET

Question ID : **26433069016**
Status : **Answered**
Chosen Option : **2**

Q.10 **In a certain code language, 'HABIT' is written as 'ITAHB' and 'BASED' is written as 'EDABS'. How will 'GAMES' be written in that language?**

Ans

✔ 1. ESAGM

✘ 2. ESGAM

✘ 3. ESAMG

✘ 4. SEAGM

Question ID : **26433067301**
Status : **Answered**
Chosen Option : **1**

Q.11 **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. (16 – 20 – 24)

✗ 2. (23 – 27 –31)

✗ 3. (11 – 15 – 19)

✓ 4. (12 – 14 – 18)

Question ID : **264330105070**
Status : **Marked For Review**
Chosen Option : **2**

Q.12 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '2'.

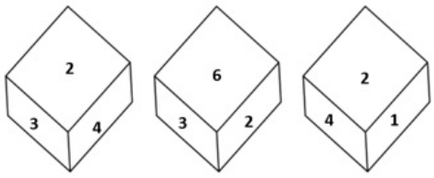


Figure 1 Figure 2 Figure 3

Ans

✗ 1. 4

✗ 2. 3

✓ 3. 5

✗ 4. 6

Question ID : **26433069440**
Status : **Answered**
Chosen Option : **3**

Q.13 **Which of the following numbers will replace the question mark (?) in the given series?**
25, 15, ?, −5, −15

Ans

✗ 1. 20

✓ 2. 5

✗ 3. 10

✗ 4. −1

Question ID : **26433068653**
Status : **Answered**
Chosen Option : **2**

Q.14 **Select the set in which the numbers are NOT related in the same way as are the numbers of the given set.**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(168, 122, 290)

Ans
✗ 1. (198, 112, 310)
✗ 2. (226, 148, 374)
✓ 3. (236, 118, 356)
✗ 4. (126, 132, 258)

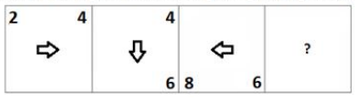
Question ID : **26433068346**
Status : **Answered**
Chosen Option : **3**

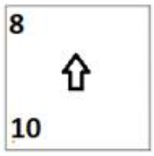
Q.15 **Which of the following interchange of numbers and mathematical signs would make the given equation correct?**
72 ÷ 6 − 20 + 30 × 5 = 70

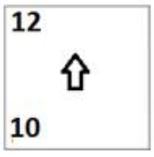
Ans
✓ 1. 5 and 20, − and ×
✗ 2. 20 and 30, × and ÷
✗ 3. 5 and 70, + and −
✗ 4. 6 and 20, + and ÷

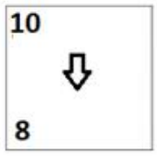
Question ID : **26433087059**
Status : **Answered**
Chosen Option : **1**

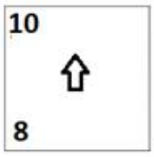
Q.16 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans
✗ 1.


✗ 2.


✗ 3.


✓ 4.


Question ID : **26433057859**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (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.)**
Lion : Roar

Ans
1. Hen : Crow ✗
2. Owl : Bleat ✗
3. Horse : Neigh ✓
4. Goat : Hoot ✗

Question ID : **26433068017**
Status : **Answered**
Chosen Option : **3**

Q.18 **Select the correct combination of mathematical signs to sequentially replace the @ signs and to balance the given equation.**
[{(14 @ 6) @ (2 @ 3)} @ (1 @ 7)] @ 2 @ 4

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

Question ID : **26433087052**
Status : **Answered**
Chosen Option : **4**

Q.19 **In a certain code language, 'ABACK' is written as 'MECDC' and 'CABAL' is written as 'NCDCE'. How will 'EAGER' be written in that language?**

Ans
1. TGICG ✓
2. TGCIG ✗
3. TCIDG ✗
4. TFICG ✗

Question ID : **26433067338**
Status : **Answered**
Chosen Option : **1**

Q.20 **After arranging the given words according to dictionary order, which word will come at 'Fifth' position?**
1. Overload
2. Overplay
3. Overlook
4. Overlain
5. Overland

Ans
1. Overlay ✗
2. Overplay ✓
3. Overload ✗
4. Overland ✗

Question ID : **264330104886**
Status : **Answered**
Chosen Option : **2**

Q.21 **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 /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 NOT allowed)
(8, 540, 60)
(9, 70, 7)

Ans
✗ 1. (12, 56, 60)
✓ 2. (8, 63, 7)
✗ 3. (9, 54, 12)
✗ 4. (9, 45, 7)

Question ID : **26433079127**
Status : **Answered**
Chosen Option : **2**

Q.22 **Which two signs should be interchanged to make the given equation correct?**
34 ÷ 16 + 4 * 8 − 6 = 60

Ans
✗ 1. − and *
✗ 2. + and *
✗ 3. ÷ and −
✓ 4. ÷ and +

Question ID : **26433067849**
Status : **Answered**
Chosen Option : **4**

Q.23 **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 uncle of R?**

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

Question ID : **264330104986**
Status : **Answered**
Chosen Option : **1**

Q.24 **Which letter cluster will replace the question mark (?) to complete the given series?**
VSNY, UQLU, ?, SMHM, RKFI

Ans
✓ 1. TOJQ
✗ 2. TOJR
✗ 3. TOKQ
✗ 4. TPJQ

Question ID : **26433059865**
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.**
14 : 400 :: 37 : ? :: 42 : 2304

Ans
✗ 1. 1333
✗ 2. 1764
✓ 3. 1849
✗ 4. 1521

Question ID : **26433068377**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Section : **General Awareness**

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

Ans
✗ 1. Neeraj Chopra
✗ 2. Sankalp Gupta
✓ 3. Pankaj Advani
✗ 4. Manish Narwal

Question ID : **26433071535**
Status : **Answered**
Chosen Option : **3**

Q.2 **Name an alkylbenzene widely used as a chemical intermediate in the production of phenol.**

Ans
✓ 1. Cumene
✗ 2. Furan
✗ 3. Styrene
✗ 4. Toluene

Question ID : **26433064079**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Fundamental Duties are contained within which Article of the Constitution of India?**

Ans
✗ 1. Article 492
✓ 2. Article 51A
✗ 3. Article 50A
✗ 4. Article 44

Question ID : **26433074892**
Status : **Answered**
Chosen Option : **2**

Q.4 **Which Indian religious festival has recently been included in the representative list of intangible cultural heritage of humanity by UNESCO, an organisation of the United Nations?**

Ans
✓ 1. Durga Puja
✗ 2. Ramnavami
✗ 3. Janmashtami
✗ 4. Mahashtami

Question ID : **26433074087**
Status : **Answered**
Chosen Option : **1**

Q.5 **Which of the following pairs of 'Ruler – Ruling period' is correctly matched?**
I. Sher Shah Suri – 1540-1545
II. Akbar – 1556-1605

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

Question ID : **264330105429**
Status : **Answered**
Chosen Option : **3**

Q.6 **On 5 April 2022, who was appointed as the Chairman of the Union Public Service Commission?**

Ans
✗ 1. S Raju
✗ 2. Suman K Bery
✓ 3. Manoj Soni
✗ 4. Ashwin Yardi

Question ID : **264330105332**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **The Planning commission of India has divided India into how many Agro-climatic Zones?**

Ans
✓ 1. 15
✗ 2. 25
✗ 3. 18
✗ 4. 20

Question ID : **26433089207**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **Who among the following headed the National Income Committee?**

Ans
✓ 1. PC Mahalanobis
✗ 2. VKRV Rao
✗ 3. DR Gadgil
✗ 4. BR Ambedkar

Question ID : **26433069842**
Status : **Answered**
Chosen Option : **1**

Q.9 **The mass number of titanium is:**

Ans
✗ 1. 44.56
✗ 2. 49.82
✗ 3. 41.33
✓ 4. 47.78

Question ID : **26433086606**
Status : **Not Answered**
Chosen Option : **--**

Q.10 The _____ Cabinet approved the country's first-of-its-kind gene bank programme in the State.

Ans
1. Rajasthan
2. Maharashtra
3. Andhra Pradesh
4. Odisha

Question ID : **264330105288**
Status : **Not Answered**
Chosen Option : **--**

Q.11 In which year did AEB de Chancourtois organise the elements by atomic weight, by graphing the elements around a cylinder with a circumference of 16 units, corresponding to the weight of oxygen (O)?

Ans
1. 1862
2. 1860
3. 1870
4. 1868

Question ID : **26433064093**
Status : **Not Answered**
Chosen Option : **--**

Q.12 A booklet released by the Lok Sabha Secretariat has listed out words and expressions that would be considered unparliamentary in both the Lok Sabha and Rajya Sabha. Which of the following words is NOT declared unparliamentary?

Ans
1. Shakuni
2. Nautanki
3. Chakkar
4. Girgit

Question ID : **264330105241**
Status : **Not Answered**
Chosen Option : **--**

Q.13 The shape of peninsular plateau in India is _____.

Ans
1. Linear
2. Rectangular
3. Circular
4. Triangular

Question ID : **264330105630**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which of the following cities hosted the finals of IPL 2022?

Ans
1. Kolkata
2. Ahmedabad
3. Mumbai
4. Hyderabad

Question ID : **26433059408**
Status : **Not Answered**
Chosen Option : **--**

Q.15 In which of the following years, did Subhas Chandra Bose refer to Mahatma Gandhi as the "Father of the Nation"?

Ans
✗ 1. 1942
✓ 2. 1944
✗ 3. 1939
✗ 4. 1941

Question ID : **26433085300**
Status : **Not Answered**
Chosen Option : **--**

Q.16 The Green Revolution in India started in _____.

Ans
✗ 1. 1940s
✗ 2. 1990s
✗ 3. 1950s
✓ 4. 1960s

Question ID : **26433064532**
Status : **Not Answered**
Chosen Option : **--**

Q.17 The Sattriya dance form was introduced in the 15th century AD by the great Vaishnava saint and reformer of Assam, _____.

Ans
✗ 1. Chaitanya Mahaprabhu
✓ 2. Mahapurusha Sankaradeva
✗ 3. Vallabhacharya
✗ 4. Sant Namdev

Question ID : **26433082231**
Status : **Not Answered**
Chosen Option : **--**

Q.18 T Balasaraswati, a _____ dancer was also an actress.

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

Question ID : **26433064304**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Who runs the government at the national level under the parliamentary system?

Ans
✗ 1. The President and Council of Ministers
✓ 2. The Prime Minister and Council of Ministers
✗ 3. The Prime Minister
✗ 4. The President

Question ID : **26433064838**
Status : **Answered**
Chosen Option : **2**

Q.20 Identify the INCORRECT pair.

Ans

✗ 1. Ustad Allarakha Khan – Tabla

✗ 2. Ravi Shankar – Sitar

✗ 3. Mogubai Kurdikar – Vocal

✓ 4. Ustad Vilayat Khan – Sarod

Question ID : **26433064788**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In 1498, Vasco da Gama, a Portuguese explorer had discovered a route to _____.

Ans

✓ 1. India

✗ 2. Australia

✗ 3. China

✗ 4. Japan

Question ID : **264330105552**
Status : **Answered**
Chosen Option : **1**

Q.22 El-Nino develops in which of these oceans?

Ans

✗ 1. Arctic Ocean

✗ 2. Indian Ocean

✗ 3. Atlantic Ocean

✓ 4. Pacific Ocean

Question ID : **26433086620**
Status : **Answered**
Chosen Option : **3**

Q.23 The border line which separate Indian and Pakistan is known as _____.

Ans

✗ 1. Lahore line

✗ 2. McMahon line

✓ 3. Radcliffe line

✗ 4. Delhi line

Question ID : **264330105519**
Status : **Answered**
Chosen Option : **3**

Q.24 Identify animals that are NOT triploblastic.

Ans

✗ 1. Molluscs

✗ 2. Chordates

✓ 3. Coelenterates

✗ 4. Platyhelminthes

Question ID : **26433087857**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Which of the following statement is correct with respect to the Shaka dynasty?**
I. Some kingdoms of Shakas lasted for about 500 years.
II. The Shakas were followed by the Kushanas about 2200 years ago.

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

Question ID : **264330105176**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 **If $\sin^2\theta - 3\sin\theta + 2 = 0$, then find the value of θ ($0° \le \theta \le 90°$).**

Ans
✗ 1. 45°
✗ 2. 0°
✗ 3. 60°
✓ 4. 90°

Question ID : **26433061449**
Status : **Answered**
Chosen Option : **4**

Q.2 **The LCM of 1.2 and 2.7 is:**

Ans
✗ 1. 5.4
✓ 2. 10.8
✗ 3. 1.08
✗ 4. 32.4

Question ID : **26433075045**
Status : **Answered**
Chosen Option : **2**

Q.3 **The radius of a right circular cylinder is four times of its height. If the height of the cylinder is 14 cm, then what is the volume of cylinder?**

Ans
✗ 1. 15468 cm^3
✗ 2. 14262 cm^3
✓ 3. 137984 cm^3
✗ 4. 11296 cm^3

Question ID : **264330105885**
Status : **Answered**
Chosen Option : **3**

Q.4 What is the rate of interest per annum for simple interest at which Rs.880 amounts to Rs.913 in $1\frac{1}{2}$ years ?

Ans

✗ 1. $2\frac{2}{3}\%$

✗ 2. $2\frac{1}{4}\%$

✓ 3. $2\frac{1}{2}\%$

✗ 4. $2\frac{1}{3}\%$

Question ID : **26433075675**
Status : **Answered**
Chosen Option : **3**

Q.5 **A number is decreased by 20% to get another number. The number so obtained is increased by 200% to get a third number. The difference of the third number and the original number is what percentage more or less than the difference of second and the third number?**

Ans

✗ 1. More, 15.7 Percent

✗ 2. Less, 15.7 Percent

✗ 3. More, 12.5 Percent

✓ 4. Less, 12.5 Percent

Question ID : **26433063199**
Status : **Answered**
Chosen Option : **4**

Q.6 **Any six-digit number that is formed by repeating a three-digit number, is always divisible by:**

Ans

✗ 1. 111

✓ 2. 1001

✗ 3. 19

✗ 4. 101

Question ID : **26433075430**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.7 **The printed price of a TV set is ₹14,500. It is sold for ₹10,000 with two consecutive discounts. If the first discount is 10%, then what is the second discount?**

Ans

✓ 1. 23.37%

✗ 2. 25.37%

✗ 3. 20.37%

✗ 4. 27.37%

Question ID : **26433076096**
Status : **Answered**
Chosen Option : **1**

Q.8 If $a+\frac{1}{a}=5$, then what is the value of $a^3+\frac{1}{a^3}$?

Ans
✔ 1. 110
✘ 2. 15
✘ 3. 105
✘ 4. –10

Question ID : **264330105944**
Status : **Answered**
Chosen Option : **1**

Q.9 **The area of a triangle is 96 cm^2 and the ratio of its sides is 6 : 8 : 10. What is the perimeter of the triangle?**

Ans
✔ 1. 48 cm
✘ 2. 56 cm
✘ 3. 64 cm
✘ 4. 44 cm

Question ID : **264330105818**
Status : **Answered**
Chosen Option : **1**

Q.10 The radii of the ends of a frustum of a cone 7 cm high are 5 cm and 3 cm. Find its volume correct to one decimal place.

(Use $\pi=\frac{22}{7}$)

Ans
✘ 1. $345.6\ cm^3$
✔ 2. $359.3\ cm^3$
✘ 3. $379.3\ cm^3$
✘ 4. $369.3\ cm^3$

Question ID : **26433063814**
Status : **Answered**
Chosen Option : **2**

Q.11 **A boat covers a certain distance against the stream in 9 hours 36 min and it covers the same distance along the stream in 6 hours. What is the ratio of the speed of the boat in still water to that of the stream?**

Ans
✔ 1. 13 : 3
✘ 2. 9 : 2
✘ 3. 11 : 6
✘ 4. 8 : 5

Question ID : **26433075201**
Status : **Answered**
Chosen Option : **1**

Q.12 Raju, Shobh and Mohan can do a work in 15 days, 20 days and 25 days respectively. In how many days,will the work be finished, if they do it on alternate days?

Ans

✗ 1. $15\frac{9}{10}$ days

✗ 2. $18\frac{7}{10}$ days

✗ 3. $21\frac{7}{10}$ days

✓ 4. $18\frac{9}{10}$ days

Question ID : **26433075801**
Status : **Answered**
Chosen Option : **4**

Q.13 What is the value of $a^2 + b^2 + c^2 - 2ab - 2bc + 2ca$?

Ans

✗ 1. $(2a + b + c)^2$

✓ 2. $(a - b + c)^2$

✗ 3. $(a - b - 2c)^2$

✗ 4. $(a + 2b - c)^2$

Question ID : **264330105932**
Status : **Answered**
Chosen Option : **2**

Q.14 A jeep travels to a place 300 km away at an average speed of 60 km/h and returns at a speed of 30 km/h. What is the average speed (in km/h) for the whole journey?

Ans

✗ 1. 75

✗ 2. 80

✓ 3. 40

✗ 4. 60

Question ID : **26433075346**
Status : **Answered**
Chosen Option : **3**

Q.15 The table given below shows the number of people in different states.

States	Number of people
F	474
G	500
H	444
I	495
J	580

What is the average number of people in all the states?

Ans

✗ 1. 396.5

✗ 2. 482.5

✓ 3. 498.6

✗ 4. 476.6

Question ID : **264330105744**
Status : **Answered**
Chosen Option : **3**

Q.16 **The average age of a man and his son is 55 years. The ratio of their ages is 7 : 4, respectively. What will be the ratio of their ages after 6 years?**

Ans

✗ 1. 1 : 2

✗ 2. 12 : 7

✗ 3. 25 : 17

✓ 4. 38 : 23

Question ID : **26433063941**
Status : **Answered**
Chosen Option : **4**

Q.17 ΔABC is a right-angle triangle at B and $\tan A = \frac{3}{4}$, then $\sin A + \sin B + \sin C$ will be equal to:

Ans

✗ 1. $2\frac{4}{5}$

✓ 2. $2\frac{2}{5}$

✗ 3. $3\frac{1}{5}$

✗ 4. $1\frac{1}{5}$

Question ID : **26433061103**
Status : **Answered**
Chosen Option : **2**

Q.18 **A dishonest dealer professes to sell his goods at cost price but uses a false weight and thus gains 15%. For a kilogram, he uses a weight of _____ (rounded off to one digit after decimal).**

Ans

✗ 1. 833.3 gm

✗ 2. 876.7 gm

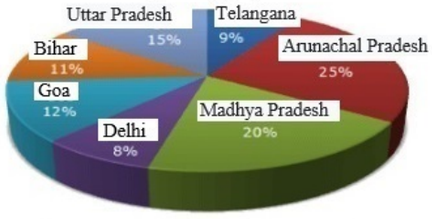
✓ 3. 869.6 gm

✗ 4. 898.33 gm

Question ID : **26433063933**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Study the given graph and table and answer the following question.

Data of different states regarding population of states in the year 1998



Total population of the given states = 32760000

States	Sex and literacy wise Population Ratio			
	Sex		Literacy	
	M	F	Literate	Illiterate
Arunachal Pradesh	5	3	2	7
Madhya Pradesh	3	1	1	4
Delhi	2	3	2	1
Goa	3	5	3	2
Bihar	3	4	4	1
Uttar Pradesh	3	2	7	2
Telangana	3	4	9	4

What was the number of males in Bihar in the year 1998?

Ans
✗ 1. 1,34,450
✗ 2. 1,64,440
✗ 3. 1,44,440
✓ 4. 1,54,440

Question ID : **26433086278**
Status : **Answered**
Chosen Option : **4**

Q.20 If $\frac{x}{8}+\frac{8}{x}=1$, then the value of x^3 is:

Ans
✗ 1. -256
✓ 2. -512
✗ 3. 256
✗ 4. 512

Question ID : **26433066267**
Status : **Answered**
Chosen Option : **2**

Q.21 **A coconut tree swings with the wind in such a manner that the angle covered by its trunk is 18 degrees. If the topmost portion of the tree covers a distance of 44 metres, find the length of the tree.**

Ans
✗ 1. 120 metres
✗ 2. 210 metres
✓ 3. 140 metres
✗ 4. 70 metres

Question ID : **26433075259**
Status : **Answered**
Chosen Option : **3**

Q.22 The following table shows the exports of three companies P, Q and R from 2015 to 2019.

Company/years ⇨ ⇩	2015	2016	2017	2018	2019
P	2000	1000	2000	3000	4000
Q	4000	5000	4000	5000	3000
R	3000	2000	4000	4000	5000

Which of the following years has the highest total exports from the three companies together?

Ans
✔ 1. 2019
✘ 2. 2017
✘ 3. 2015
✘ 4. 2016

Question ID : **26433080244**
Status : **Answered**
Chosen Option : **1**

Q.23 If C_1, C_2 be the centres of two circles and r_1, r_2 be the respective radii such that the distance between the centres is equal to the sum of the radii of the two circles, find the number of common tangents.

Ans
✘ 1. 4
✘ 2. 2
✘ 3. 1
✔ 4. 3

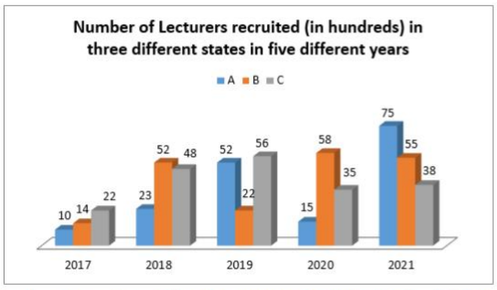
Question ID : **26433065315**
Status : **Answered**
Chosen Option : **3**

Q.24 $\frac{1+\sin\theta}{\cos\theta}$ is equal to which of the following$\left(\text{where } \theta \neq \frac{\pi}{2}\right)$?

Ans
✘ 1. $\frac{1+\cos\theta}{\sin\theta}$
✘ 2. $\frac{\tan\theta+1}{\tan\theta-1}$
✘ 3. $\frac{\tan\theta-1}{\tan\theta+1}$
✔ 4. $\frac{\cos\theta}{1-\sin\theta}$

Question ID : **26433083074**
Status : **Answered**
Chosen Option : **4**

Q.25 Study the given graph and answer the following question.



If 35% of the lecturers recruited in state B in the year 2021 were male, what was the number of females recruited in state B in that year?

Ans
✗ 1. 3845
✓ 2. 3575
✗ 3. 3590
✗ 4. 5500

Question ID : **26433081481**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 **Rearrange the parts of the sentence in correct order.**
Peer pressure
P. when it comes to choosing the right
Q. course and, therefore, career path
R. and lack of guidance are some of
S. the reasons for indecisiveness

Ans
✗ 1. SPQR
✗ 2. QSPR
✓ 3. RSPQ
✗ 4. PQRS

Question ID : **264330104652**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate ANTONYM of the word 'STRANGE' from the given sentence.**

The intriguing journal took a back place once more to the more mundane events at the Ouray inn.

Ans
✗ 1. Events
✗ 2. Intriguing
✓ 3. Mundane
✗ 4. Place

Question ID : **26433060704**
Status : **Answered**
Chosen Option : **2**

Q.3 **Select the sentences that contains no spelling errors.**

Ans

✗ 1. People suffering from edzema have allergies with red and itchy skin.

✗ 2. People suffering from ekzema have allergies with red and itchy skin.

✓ 3. People suffering from eczema have allergies with red and itchy skin.

✗ 4. People suffering from ekezema have allergies with red and itchy skin.

Question ID : **26433070688**
Status : **Answered**
Chosen Option : **2**

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

Three novels and two story books had been written by him before 2020.

Ans

✗ 1. He has been writing three novels and two story books before 2020.

✗ 2. He had been writing three novels and two story books before 2020.

✓ 3. He had written three novels and two story books before 2020.

✗ 4. He wrote three novels and two story books before 2020.

Question ID : **26433091859**
Status : **Answered**
Chosen Option : **3**

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

Irrevocable

Ans

✗ 1. Unmediated

✗ 2. Congruent

✓ 3. Irreversible

✗ 4. Irresponsive

Question ID : **26433071776**
Status : **Answered**
Chosen Option : **3**

Q.6 **Select the most appropriate option to fill in the blank.**

The sergeant could not stand the weather because it was _____ cold.

Ans

✓ 1. bitterly

✗ 2. carefully

✗ 3. smoothly

✗ 4. cautiously

Question ID : **26433073792**
Status : **Answered**
Chosen Option : **1**

Q.7 **The following sentence has been divided into segments. One of them may contain an error. Select the segment that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**

No talking / on the dinner table / is an absolute rule.

Ans
- ✗ 1. No talking
- ✓ 2. No Error
- ✗ 3. on the dinner table
- ✗ 4. is an absolute rule.

Question ID : **26433096151**
Status : **Marked For Review**
Chosen Option : **2**

Q.8 **Select the most appropriate meaning of the underlined idiom.**
The sailor tells great tales of adventure that you should take with a grain of salt.

Ans
- ✗ 1. Great admiration
- ✗ 2. Great patriotism
- ✓ 3. Not take too seriously
- ✗ 4. Be afraid to refrain from

Question ID : **26433060189**
Status : **Answered**
Chosen Option : **3**

Q.9 **Rearrange the parts of the sentence in correct order.**
Birds' heart, lungs and
P. uptake and intensive exertion compared
Q. to humans, which enables them to function
R. efficiently at these very high altitudes
S. muscles are more efficient for oxygen

Ans
- ✗ 1. QRPS
- ✗ 2. PRQS
- ✓ 3. SPQR
- ✗ 4. QSRP

Question ID : **264330104687**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the option that can be used as a one-word substitute for the given group of words.**

Something that is capable of being accomplished

Ans
- ✓ 1. Feasible
- ✗ 2. Untenable
- ✗ 3. Irrevocable
- ✗ 4. Eligible

Question ID : **26433071763**
Status : **Answered**
Chosen Option : **1**

Q.11 **Select the option that expresses the given sentence in passive voice.**

They were preparing banners with different designs for the sports meet.

Ans

✔ 1. Banners were being prepared by them with different designs for the sports meet.

✘ 2. Banners have prepared by them with different designs for the sports meet.

✘ 3. Banners had been prepared by them with different designs for the sports meet.

✘ 4. Banners were prepared by them with different designs for the sports meet.

Question ID : **26433094753**
Status : **Answered**
Chosen Option : **1**

Q.12 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

The anxious duke was found strolling in the garden to and fro.

Ans

✘ 1. From north to south

✘ 2. From west to east

✔ 3. Forward and backward

✘ 4. Upward and downward

Question ID : **26433071992**
Status : **Answered**
Chosen Option : **3**

Q.13 **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. Basically, "smart farming" is applying information and data technologies for optimizing complex farming systems.
Q. With these tools, farmers can monitor field conditions without going to the field.
R. The focus is on access to data and how farmers can use the collected information intelligently.
S. The technology used in smart farming range from IoT and robotics to drones and AI.

Ans

✘ 1. RSQP

✘ 2. PQSR

✔ 3. PRSQ

✘ 4. SPQR

Question ID : **264330104733**
Status : **Answered**
Chosen Option : **2**

Q.14 **Select the most appropriate ANTONYM of the given word.**

Encourage

Ans

✘ 1. Boost

✘ 2. Inspire

✘ 3. Energise

✔ 4. Dishearten

Question ID : **26433060898**
Status : **Answered**
Chosen Option : **4**

Q.15 **Select the option that can be used as a one-word substitute for the given group of words.**

The scientific study of plants and their structure

Ans
✗ 1. Plantation
✗ 2. Environment
✗ 3. Biology
✓ 4. Botany

Question ID : **26433072803**
Status : **Answered**
Chosen Option : **4**

Q.16 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

The number of students / attending their classes / are constantly decreasing / in our university.

Ans
✗ 1. The number of students
✗ 2. attending their classes
✗ 3. in our university
✓ 4. are constantly decreasing

Question ID : **26433088152**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the INCORRECTLY spelt word in the following sentence.**
The problematic and convoluted situation concerning Rakhtim's job is likely to exhilarate in the forseeable future.

Ans
✗ 1. convoluted
✓ 2. forseeable
✗ 3. problematic
✗ 4. exhilarate

Question ID : **26433058614**
Status : **Answered**
Chosen Option : **2**

Q.18 **Select the most appropriate ANTONYM of the given word.**

Appropriate

Ans
✗ 1. Transparent
✓ 2. Improper
✗ 3. Salient
✗ 4. Disturbing

Question ID : **26433060632**
Status : **Answered**
Chosen Option : **2**

Q.19 **A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.**
Kajol is one age-defying beauty and her sari collection is worth _____.

Ans
✔ 1. bookmarking
✘ 2. repudiating
✘ 3. flirting
✘ 4. renouncing

Question ID : **264330104764**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Select the correct indirect form of the given sentence.**
Ramita said, "I wish I didn't have to meet my step-mother."

Ans
✘ 1. Ramita said she wished she hadn't have to meet her step-mother.
✘ 2. Ramita said she wished she didn't meet her step-mother.
✔ 3. Ramita said she wished she didn't have to meet her step-mother.
✘ 4. Ramita said she wished hadn't met her step-mother.

Question ID : **264330104612**
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.

Music can improve mood, decrease pain and anxiety, and facilitate opportunities for emotional expression. Research (1)_____ that music can benefit our physical and mental health in numerous ways. Music can (2)_____ the brain's production of the hormone dopamine. This increased dopamine production helps (3)_____ feelings of anxiety and depression. Music is processed directly by the amygdala, which is the part of the brain (4)_____ in mood and emotions. By reducing stress levels and providing a strong competing stimulus to the pain (5) _____ that enter the brain, music therapy can assist in pain management.

SubQuestion No : 21

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

Ans
✘ 1. interprets
✔ 2. suggests
✘ 3. dreams
✘ 4. focuses

Question ID : **26433087896**
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.

Music can improve mood, decrease pain and anxiety, and facilitate opportunities for emotional expression. Research (1)_____ that music can benefit our physical and mental health in numerous ways. Music can (2)_____ the brain's production of the hormone dopamine. This increased dopamine production helps (3)_____ feelings of anxiety and depression. Music is processed directly by the amygdala, which is the part of the brain (4)_____ in mood and emotions. By reducing stress levels and providing a strong competing stimulus to the pain (5) _____ that enter the brain, music therapy can assist in pain management.

SubQuestion No : 22

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

Ans

✗ 1. provide

✗ 2. furnish

✗ 3. exhaust

✓ 4. boost

Question ID : **26433087897**
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.

Music can improve mood, decrease pain and anxiety, and facilitate opportunities for emotional expression. Research (1)_____ that music can benefit our physical and mental health in numerous ways. Music can (2)_____ the brain's production of the hormone dopamine. This increased dopamine production helps (3)_____ feelings of anxiety and depression. Music is processed directly by the amygdala, which is the part of the brain (4)_____ in mood and emotions. By reducing stress levels and providing a strong competing stimulus to the pain (5) _____ that enter the brain, music therapy can assist in pain management.

SubQuestion No : 23

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

Ans

✗ 1. intensify

✗ 2. amend

✗ 3. enhance

✓ 4. relieve

Question ID : **26433087898**
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.

Music can improve mood, decrease pain and anxiety, and facilitate opportunities for emotional expression. Research (1)_____ that music can benefit our physical and mental health in numerous ways. Music can (2)_____ the brain's production of the hormone dopamine. This increased dopamine production helps (3)_____ feelings of anxiety and depression. Music is processed directly by the amygdala, which is the part of the brain (4)_____ in mood and emotions. By reducing stress levels and providing a strong competing stimulus to the pain (5) _____ that enter the brain, music therapy can assist in pain management.

SubQuestion No : 24

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

Ans

✔ 1. involved

✘ 2. concerned

✘ 3. obsessed

✘ 4. accompanied

Question ID : **26433087899**
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.

Music can improve mood, decrease pain and anxiety, and facilitate opportunities for emotional expression. Research (1)_____ that music can benefit our physical and mental health in numerous ways. Music can (2)_____ the brain's production of the hormone dopamine. This increased dopamine production helps (3)_____ feelings of anxiety and depression. Music is processed directly by the amygdala, which is the part of the brain (4)_____ in mood and emotions. By reducing stress levels and providing a strong competing stimulus to the pain (5) _____ that enter the brain, music therapy can assist in pain management.

SubQuestion No : 25

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

Ans

✘ 1. deter

✔ 2. signals

✘ 3. deform

✘ 4. substance

Question ID : **26433087900**
Status : **Answered**
Chosen Option : **2**