Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	TCS Gito Bitan
Exam Date	05/12/2022
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **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 – 1200)
✓ 2. (7 – 70 – 1600)
✗ 3. (5 – 50 – 1000)
✗ 4. (4 – 40 – 800)

Question ID : **264330105093**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **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.**
CAST : DCVX :: BUSH : CWVL :: ARMY : ?

Ans
✗ 1. PTCB
✗ 2. CTBP
✗ 3. TBPC
✓ 4. BTPC

Question ID : **26433069022**
Status : **Answered**
Chosen Option : **4**

Q.3 **A # B means 'A is the brother of B'**
A @ B means 'A is the son of B'
A & B means 'A is the wife of B'
A % B means 'A is the mother of B'
If X @ Y & Z # U & W @ V, then how is U related to V?

Ans
✗ 1. Sister
✓ 2. Daughter-in-law
✗ 3. Daughter
✗ 4. Wife

Question ID : **26433065961**
Status : **Answered**
Chosen Option : **2**

Q.4 **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. AMRW
2. XFIK
3. PBGL
4. KWBG

Question ID : **26433081504**
Status : **Answered**
Chosen Option : **2**

Q.5 **By Interchanging the given two numbers which of the following equation will be not correct?**
3 and 4

Ans
1. 3 + 5 × 4 – 6 ÷ 2 = 16
2. 4 × 6 – 3 + 9 ÷ 1 = 25
3. 3 × 7 – 8 ÷ 2 + 4 = 27
4. 9 × 3 ÷ 6 + 4 – 8 = 1

Question ID : **264330105107**
Status : **Answered**
Chosen Option : **2**

Q.6 **In a certain code language, 'complete the drawing' is coded as '837', 'do not leave early' is coded as '2355' and 'we need break' is coded as '245'. How will 'kindly stand straight' be coded in that language?**

Ans
1. 856
2. 658
3. 456
4. 769

Question ID : **26433067773**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.**
11 : 91 :: ? : 154 :: 15 : 127

Ans
1. 16
2. 18
3. 14
4. 24

Question ID : **26433059942**
Status : **Answered**
Chosen Option : **2**

Q.8 **By interchanging the given two signs and numbers which of the following equation will be correct?**
+ and –, 7 and 3

Ans
✗ 1. 7 + 3 × 9 – 8 ÷ 2 = 30
✗ 2. 9 × 7 + 3 – 4 ÷ 2 = 18
✓ 3. 3 × 4 ÷ 2 + 7 – 5 = 16
✗ 4. 3 + 7 ÷ 1 – 4 × 2 = 16

Question ID : **264330105136**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1. Humility
2. Humbug
3. Humanoid
4. Humidity
5. Humoresque
6. Humanity
7. Humectants

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

Question ID : **26433068930**
Status : **Answered**
Chosen Option : **1**

Q.10 **In a certain code language, 'DAISY' is written as 'FCIQW' and 'ROSES' is written as 'TQSCQ'. How will 'LOTUS' be written in that language?**

Ans
✗ 1. NQSTQ
✓ 2. NQTSQ
✗ 3. NPTSP
✗ 4. NQTSP

Question ID : **26433067329**
Status : **Answered**
Chosen Option : **2**

Q.11 **Which two signs should be interchanged to make the given equation correct?**
(50 ÷ 3) * 15 + 25 − 10 = 25

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

Question ID : **26433067848**
Status : **Answered**
Chosen Option : **3**

Q.12 **Select the set in which the numbers are 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.)
(23, 161, 207)
(47, 329, 423)

Ans
✔ 1. (64, 448, 576)
✘ 2. (84, 442, 570)
✘ 3. (29, 112, 782)
✘ 4. (33, 97, 297)

Question ID : **26433068386**
Status : **Answered**
Chosen Option : **1**

Q.13 **Which of the following numbers will replace the question mark (?) in the given series?**
1, 3, 6, 18, 36, 108, ?

Ans
✘ 1. 196
✘ 2. 224
✘ 3. 236
✔ 4. 216

Question ID : **26433067876**
Status : **Answered**
Chosen Option : **4**

Q.14 **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 violins are pianos.
• All violins are flutes.
• No violin is a guitar.
Conclusions:
I. No guitar is a piano.
II. Some flutes are pianos
III. All flutes are guitars.

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

Question ID : **26433058079**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

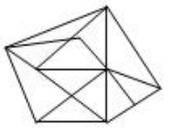
(X)

Ans

✗ 1.

✗ 2.

✓ 3.

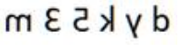
✗ 4. 

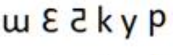
Question ID : **26433068901**
Status : **Answered**
Chosen Option : **3**

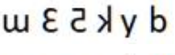
Q.16 Select the correct mirror image of the given combination when the mirror is placed at line MN as shown.

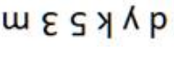
d y k 5 3 m | M N

Ans

✓ 1. 

✗ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433068203**
Status : **Answered**
Chosen Option : **1**

Q.17 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.
18 : 234 :: ? : 176 :: 14 : 126

Ans

✗ 1. 14

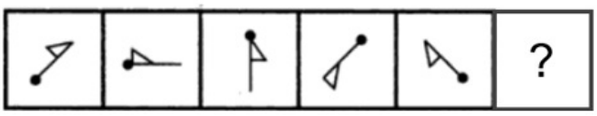
✗ 2. 15

✗ 3. 20

✓ 4. 16

Question ID : **26433059939**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

✗ 1.

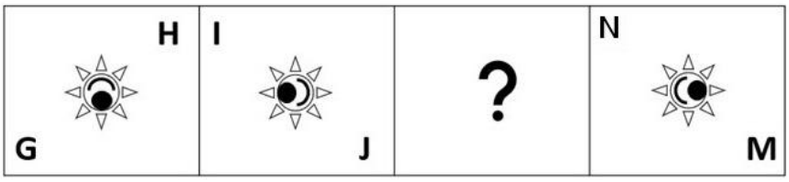
✗ 2.

✗ 3.

✓ 4.

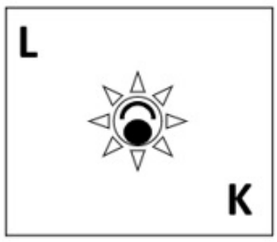
Question ID : **26433080518**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Select the figure from among the given options that can replace the question mark (?) in the following series.

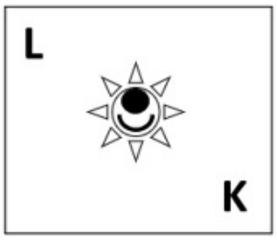


Ans

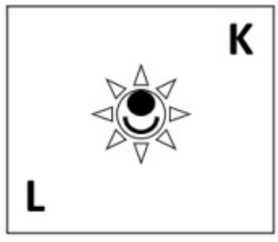
✗ 1.



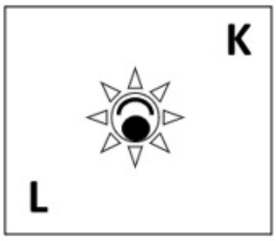
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433057789**
Status : **Answered**
Chosen Option : **3**

Q.20 **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.)
Lens : Camera :: Cartridge : ?

Ans

✓ 1. Printer

✗ 2. Ink

✗ 3. Paper

✗ 4. Computer

Question ID : **26433056818**
Status : **Answered**
Chosen Option : **1**

Q.21 Three different positions of the same dice are shown (figures 1 to 3). Find the number on the face opposite to the face having '3'.

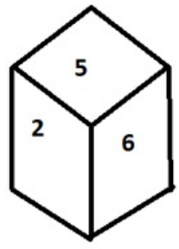


figure 1

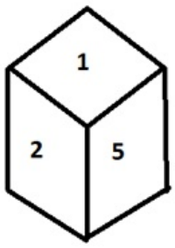


figure 2

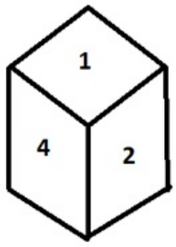


figure 3

Ans
✗ 1. 1
✓ 2. 2
✗ 3. 5
✗ 4. 6

Question ID : **26433070248**
Status : **Answered**
Chosen Option : **2**

Q.22 **Which letter cluster will replace the question mark (?) to complete the given series?**
BLJS, FOLT, ?, NUPV, RXRW

Ans
✗ 1. KRMU
✓ 2. JRNU
✗ 3. KRNU
✗ 4. JRMU

Question ID : **26433059862**
Status : **Answered**
Chosen Option : **2**

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. Some second are time.
II. All time are minute.
Conclusion:
I. No minute is time.
II. No time is second.
III. No second is minute.

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

Question ID : **264330104935**
Status : **Answered**
Chosen Option : **3**

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 brother of P?

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

Question ID : **264330104989**
Status : **Answered**
Chosen Option : **4**

Q.25 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
CABQ, CEJC, CIRO, CMZA, ?

Ans
✗ 1. CQIM
✗ 2. CMNP
✓ 3. CQHM
✗ 4. CMRT

Question ID : **264330104840**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 Where was the FIH Men's Indoor Hockey World Cup 2018 organised?

Ans
✓ 1. Berlin, Germany
✗ 2. Poznan, Poland
✗ 3. Vienna, Austria
✗ 4. Leipzig, Germany

Question ID : **26433059403**
Status : **Not Answered**
Chosen Option : **--**

Q.2 How many fundamental duties are provided in the Indian Constitution?

Ans
✓ 1. 11
✗ 2. 12
✗ 3. 14
✗ 4. 17

Question ID : **26433086781**
Status : **Answered**
Chosen Option : **1**

Q.3 In the context of India, tropical cyclones originate over the _____.

Ans
✗ 1. Arabian Sea
✗ 2. Pacific Ocean
✓ 3. Bay of Bengal
✗ 4. Mediterranean Sea

Question ID : **26433066503**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Which of the following UT/states have the highest density/km^2, according to census 2011?

Ans
✗ 1. Pondicherry
✗ 2. Chandigarh
✗ 3. Uttar Pradesh
✓ 4. Bihar

Question ID : **264330105513**
Status : **Answered**
Chosen Option : **2**

Q.5 Which college was established in Banaras in 1791?

Ans
✗ 1. Dayanand College
✗ 2. Shivaji College
✓ 3. Hindu College
✗ 4. Sanskrit College

Question ID : **264330105577**
Status : **Answered**
Chosen Option : **3**

Q.6 Which country is the leading producer of rice?

Ans
✓ 1. China
✗ 2. Japan
✗ 3. India
✗ 4. Egypt

Question ID : **264330105612**
Status : **Answered**
Chosen Option : **3**

Q.7 Who has been appointed as new director of AIIMS, New Delhi in September 2022?

Ans
✗ 1. Raj Subramaniam
✓ 2. M. Srinivas
✗ 3. Krishnan Ramanujam
✗ 4. Nitin Chugh

Question ID : **264330105352**
Status : **Not Answered**
Chosen Option : **--**

Q.8 The Winter Olympics - 2026 will be hosted by _____.

Ans
✗ 1. Russia
✗ 2. Canada
✓ 3. Italy
✗ 4. France

Question ID : **26433071554**
Status : **Answered**
Chosen Option : **4**

Q.9 **Whom among the following Indian classical musicians is an auditorium in Teheran, Iran named after?**

Ans
- ✔ 1. Ustad Bismillah Khan
- ✘ 2. Ustad Sultan Khan
- ✘ 3. Ustad Zakir Hussain
- ✘ 4. Ustad Vilayat Khan

Question ID : **26433064790**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Which type of rock can be considered as a biological sedimentary rock?**

Ans
- ✘ 1. Bauxite
- ✘ 2. Marble
- ✘ 3. Granite
- ✔ 4. Limestone

Question ID : **26433064192**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **Who discovered three chemical elements: cerium, thorium and selenium, and devised the modern method by which one or two letters are used to symbolise elements?**

Ans
- ✘ 1. Hennig Brand
- ✘ 2. Niels Bohr
- ✔ 3. Jacob Berzelius
- ✘ 4. John Dalton

Question ID : **26433064084**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **With respect to India's foreign trade, which year is referred to as the year of divide?**

Ans
- ✘ 1. 2010
- ✔ 2. 1991
- ✘ 3. 1981
- ✘ 4. 1996

Question ID : **26433054792**
Status : **Not Answered**
Chosen Option : **--**

Q.13 **The elections to the Panchayati Raj institutions are conducted by the _____.**

Ans
- ✘ 1. Central election commission
- ✘ 2. State government
- ✔ 3. State election commission
- ✘ 4. Central government

Question ID : **26433064835**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **Money multiplier can be expressed as _____.**

Ans
- ✗ 1. Statutory liquidity ratio / Cash Reserve Ratio
- ✗ 2. 1/ Statutory liquidity ratio
- ✗ 3. Cash reserve ratio – Statutory liquidity ratio
- ✓ 4. 1/ Cash Reserve Ratio

Question ID : **264330105376**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **Who among the following is supposed to compile both the Puranas and the Mahabharata?**

Ans
- ✗ 1. Sage Vasishtha
- ✗ 2. Sage Bharadwaja
- ✓ 3. Sage Vyasa
- ✗ 4. Sage Valmiki

Question ID : **264330105206**
Status : **Not Answered**
Chosen Option : **--**

Q.16 **Sultan Mahmud came to India from which of the following city of Afghanistan?**

Ans
- ✓ 1. Ghazni
- ✗ 2. Jalalabad
- ✗ 3. Kabul
- ✗ 4. Kandahar

Question ID : **264330105410**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **In which year did Langmuir reform the Lewis concept by abandoning the idea of a stable cubical arrangement of the octet and introducing the term 'covalent bond'?**

Ans
- ✓ 1. 1919
- ✗ 2. 1915
- ✗ 3. 1921
- ✗ 4. 1917

Question ID : **26433064076**
Status : **Answered**
Chosen Option : **4**

Q.18 **Jagoi and cholom are the two main divisions in which Classical dance?**

Ans
- ✗ 1. Bharatanatyam
- ✗ 2. Odissi
- ✓ 3. Manipuri
- ✗ 4. Mohiniyattam

Question ID : **26433054314**
Status : **Answered**
Chosen Option : **3**

Q.19 Guru Kelucharan Mohapatra, who was awarded the Padma Vibhushan in 2000, was an exponent of which of the following classical dances of India?

Ans
✗ 1. Kathakali
✓ 2. Odissi
✗ 3. Kathak
✗ 4. Mohiniyattam

Question ID : **26433090705**
Status : **Not Answered**
Chosen Option : **--**

Q.20 How much purse money was given to a recipient of the Akademi Award in 2019?

Ans
✓ 1. ₹1 lakh
✗ 2. ₹4 lakh
✗ 3. ₹2 lakh
✗ 4. ₹3 lakh

Question ID : **26433082153**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Who has been appointed as a brand ambassador of Punyakoti Dattu Yojana?

Ans
✗ 1. Rana Daggubati
✓ 2. Kichcha Sudeep
✗ 3. Mahesh Babu
✗ 4. Sonu Sood

Question ID : **264330105317**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The second volume of the Akbar Nama recorded the _____.

Ans
✗ 1. Akbar's ancestors
✗ 2. Akbar's administration
✓ 3. Events of Akbar's reign
✗ 4. Akbar's battles

Question ID : **264330105438**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Which of the following is a local wind?

Ans
✓ 1. Loo
✗ 2. Westerlies
✗ 3. Monsoon
✗ 4. Easterlies

Question ID : **264330105652**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Match Column-A with Column-B

Column-A (Organelle)	Column-B (Function)
i. Mitochondria	a. Protein synthesis
ii. Ribosomes	b. Regulation of activity of a cell
iii. Nucleus	c. Digestive system of a cell
iv. Lysosomes	d. Energy generation

Ans
✗ 1. i-c, ii-a, iii-d, iv-c
✗ 2. i-b, ii-a, iii-c, iv-d
✗ 3. i-a, ii-b, iii-c, iv-d
✓ 4. i-d, ii-a, iii-b, iv-c

Question ID : **26433082211**
Status : **Answered**
Chosen Option : **4**

Q.25 **Which state government has launched the novel 'Chief Minister's Breakfast Scheme' in September 2022?**

Ans
✗ 1. Andhra Pradesh
✓ 2. Tamil Nadu
✗ 3. Kerala
✗ 4. Himachal Pradesh

Question ID : **264330105311**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 Simplify the following. $25^3 - 75^3 + 50^3$

Ans
✓ 1. –281250
✗ 2. 281350
✗ 3. 271250
✗ 4. –281450

Question ID : **26433075288**
Status : **Answered**
Chosen Option : **1**

Q.2 **Find the greatest 5-digit number which is divisible by 11, 33, 99 and 121.**

Ans
✗ 1. 90099
✗ 2. 99990
✓ 3. 99099
✗ 4. 90909

Question ID : **26433074948**
Status : **Not Answered**
Chosen Option : **--**

Q.3 If $\tan A = \frac{2}{3}$, then what is the value of the following?

$$(5 \sin^2 A - 2 \cos^2 A) \div (15 \sin^2 A + 3 \cos^2 A)$$

Ans

✗ 1. $\frac{21}{47}$

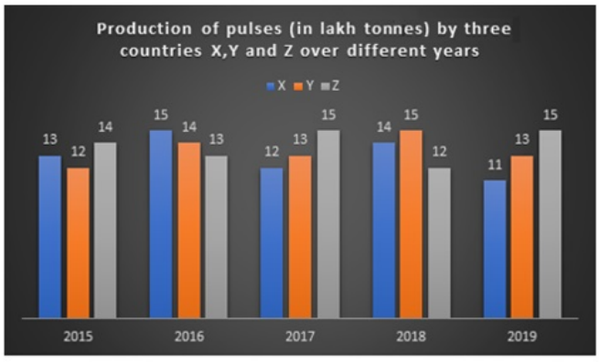
✓ 2. $\frac{2}{87}$

✗ 3. $\frac{2}{5}$

✗ 4. $\frac{3}{77}$

Question ID : **26433058826**
Status : **Answered**
Chosen Option : **2**

Q.4 The given bar graph shows the data of production of pulses (in lakh tonnes) by three different countries X, Y and Z over the years. Study the bar graph and answer the question that follows.



For which country is the average production (in lakh tonnes) for five years the maximum?

Ans

✗ 1. X

✓ 2. Z

✗ 3. Y

✗ 4. Y and Z both

Question ID : **26433093186**
Status : **Answered**
Chosen Option : **2**

Q.5 **The fourth proportion to 12, 24 and 27 is the same as the third proportion to A and 36. What is the value of A?**

Ans

✗ 1. 22

✓ 2. 24

✗ 3. 26

✗ 4. 20

Question ID : **26433063943**
Status : **Answered**
Chosen Option : **2**

Q.6 If θ is an acute angle and $\tan\theta + \cot\theta = 2$, then the value of $\tan^2\theta + \cot^2\theta + 2\tan^5\theta\cot^4\theta$ is:

Ans
✗ 1. 3
✓ 2. 4
✗ 3. 1
✗ 4. 2

Question ID : **26433083014**
Status : **Answered**
Chosen Option : **2**

Q.7 A shopkeeper offers three types of discount schemes for buyers. Which of them has the maximum discount percentage?
I. Two successive discounts of 10% each.
II. Successive discounts of 15% and 5%.
III. 20% discount.

Ans
✗ 1. Only discount scheme I
✗ 2. Only discount scheme II
✓ 3. Only discount scheme III
✗ 4. All provide equal discount

Question ID : **26433075730**
Status : **Answered**
Chosen Option : **3**

Q.8 The lengths (in cm) of three sides of a triangle are, respectively, 48, 55 and 73. What is the length (in cm) of the median joining the mid-point of the longest side to its opposite vertex?

Ans
✗ 1. 27.5
✗ 2. 73
✗ 3. 24
✓ 4. 36.5

Question ID : **26433065314**
Status : **Answered**
Chosen Option : **4**

Q.9 What is the smallest number that should be added to 4567 so that the sum is divisible by 7?

Ans
✗ 1. 7
✗ 2. 5
✗ 3. 6
✓ 4. 4

Question ID : **26433072992**
Status : **Answered**
Chosen Option : **4**

Q.10 **A businessman cheats by using faulty weights, to the tune of 12% each time, when buying and selling material. What is the rise in his profit percentage using faulty weights only?**

Ans

✗ 1. 22%

✓ 2. 25.44%

✗ 3. 24%

✗ 4. 26.32%

Question ID : **26433065274**
Status : **Answered**
Chosen Option : **2**

Q.11 Study the given table (income in dollars) and answer the question that follows.

Source of Income	Adam	Brad	Christy	David
Salary	350	200	460	500
Bonus	90	40	115	130
Overtime	160	65	170	185
Arrears	200	125	145	235
Total	800	430	890	1050

The income from bonus is how much per cent of the income from arrears in the case of Adam?

Ans

✗ 1. 80%

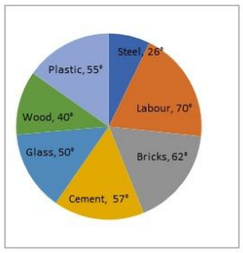
✗ 2. 40%

✗ 3. 90%

✓ 4. 45%

Question ID : **26433085488**
Status : **Answered**
Chosen Option : **4**

Q.12 The following pie chart represents the total expenditure of ₹12,00,000 on several items in construction of a house in a village.



The percentage of the total expenditures spent on Cement, Wood and Plastic (correct to 2 decimal places) is:

Ans

✗ 1. 18.65%

✗ 2. 25.25%

✗ 3. 30.25%

✓ 4. 42.22%

Question ID : **26433082603**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the correct algebraic expression.

Ans

✔ 1. ab – a – b + 1 = (a – 1) (b – 1)

✘ 2. ab + a – b + 1 = (1 – a) (1 – b) (1 – a) (1 + b)

✘ 3. ab – a – b + 1 = (1 – a) (b – 1)

✘ 4. ab – a – b + 1 = (a – 1) (1 – b)

Question ID : **26433085784**
Status : **Answered**
Chosen Option : **1**

Q.14 What is the value of

$$100^2 - 99^2 + 98^2 - 97^2 + 96^2 - 95^2 + 94^2 - 93^2 + \ldots\ldots 12^2 - 11^2$$

?

Ans

✘ 1. 5050

✘ 2. 4985

✔ 3. 4995

✘ 4. 4950

Question ID : **264330105927**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Mr. X has a monthly income of $26,500 and his monthly expenditure is $20,500. The next year, his salary is increased by 12% and expenditure is increased by 6%. His savings increase by how much percent?

Ans

✔ 1. 32.5%

✘ 2. 27.3%

✘ 3. 32.0%

✘ 4. 34.7%

Question ID : **26433075436**
Status : **Answered**
Chosen Option : **1**

Q.16 The given table shows the number of new employees who joined in different categories of employees in an organisation and also the number of employees from these categories who left the organisation every year since the foundation of the organisation in 2015. Study the table and answer the questions that follow.

	Business Analysts		Accountants		Sales Representatives		Peons	
Year	Joined	Left	Joined	Left	Joined	Left	Joined	Left
2015	80	0	35	0	50	0	73	0
2016	63	21	26	16	46	20	34	23
2017	78	28	15	5	38	15	48	29
2018	42	39	20	38	34	0	14	12
2019	67	44	14	24	22	30	21	30

What was the total number of accountants working in the organisation in the year 2019?

Ans

✔ 1. 27

✘ 2. 193

✘ 3. 110

✘ 4. 83

Question ID : **26433085491**
Status : **Not Answered**
Chosen Option : **--**

Q.17 The perimeter of a triangle with sides of integer values is equal to 13. How many such triangles are possible?

Ans
- ✔ 1. 5
- ✘ 2. 8
- ✘ 3. 7
- ✘ 4. 6

Question ID : **26433075256**
Status : **Not Answered**
Chosen Option : **--**

Q.18 A sum of money invested at simple interest becomes 17/10 of itself in 2 years and 6 months. What is the rate of interest per annum?

Ans
- ✘ 1. 22 percent
- ✘ 2. 16 percent
- ✔ 3. 28 percent
- ✘ 4. 34 percent

Question ID : **264330105674**
Status : **Answered**
Chosen Option : **3**

Q.19 A hollow sphere has an outer radius of 4 cm and inner radius of 1 cm. What is the volume of this hollow sphere?

Ans
- ✔ 1. 84p cm^3
- ✘ 2. 68p cm^3
- ✘ 3. 48p cm^3
- ✘ 4. 92p cm^3

Question ID : **264330105876**
Status : **Answered**
Chosen Option : **1**

Q.20 A person travels from P to Q at a speed of 50 km/h and returns by increasing his speed by 60%. What is his average speed for both the trips?

Ans
- ✘ 1. 35.61 km/h
- ✔ 2. 61.53 km/h
- ✘ 3. 31.56 km/h
- ✘ 4. 16.53 km/h

Question ID : **26433072997**
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following is NOT a correct statement?

Ans
- ✘ 1. The speed of 20 m/s is less than the speed of 85 km/h.
- ✘ 2. Time may be calculated by dividing the distance by the speed.
- ✘ 3. Covering the same distance in lesser time implies a higher speed.
- ✔ 4. The speed of 99 km/h is less than the speed of 24 m/s.

Question ID : **26433091624**
Status : **Answered**
Chosen Option : **4**

Q.22 In a △ABC, the internal bisectors of the angle B and the angle C intersect at an angle of 105°. What is the value of the angle A?

Ans
✗ 1. 52.5°
✗ 2. 75°
✗ 3. 15°
✓ 4. 30°

Question ID : **26433073118**
Status : **Answered**
Chosen Option : **4**

Q.23 $\cot^2 A - \cos^2 A$ is equal to:

Ans
✗ 1. $\cos^2 A . \sin^2 A$
✓ 2. $\cos^2 A . \cot^2 A$
✗ 3. 1
✗ 4. 0

Question ID : **26433058989**
Status : **Answered**
Chosen Option : **2**

Q.24 The volume of the hemisphere is 19,404 cm^3. The radius of the hemisphere is _____.

Ans
✗ 1. 14 cm
✗ 2. 19 cm
✓ 3. 21 cm
✗ 4. 17 cm

Question ID : **26433063973**
Status : **Answered**
Chosen Option : **3**

Q.25 40 men can complete a work in 15 days. Three days after they started working, 20 more men joined them. In how many days the total work will be completed?

Ans
✗ 1. 12
✗ 2. 13
✓ 3. 11
✗ 4. 10

Question ID : **26433076309**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 Select the sentence with the appropriate use of preposition.

Ans
✓ 1. They rise with the morning lark and labour till almost dark.
✗ 2. They rise with the morning lark and labour utmost almost dark.
✗ 3. They rise with the morning lark and labour by almost dark.
✗ 4. They rise with the morning lark and labour still almost dark.

Question ID : **26433073896**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the most appropriate idiom that can substitute the italicised words in the given sentence.**

He was sacked from his job because of *a grave error* on his part.

Ans
✗ 1. raining cats and dogs
✗ 2. minding one's p's and q's
✗ 3. picking holes in one's cot
✓ 4. Himalayan blunder

Question ID : **26433060513**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the most appropriate collocation to substitute the underlined word in the given sentence.**

The banker warned me not to be careless from my ATM card.

Ans
✗ 1. careless beside
✓ 2. careless with
✗ 3. careless across
✗ 4. careless on

Question ID : **26433074006**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the most appropriate ANTONYM of the underlined word.**

Beowulf was praised for his valour displayed in the battlefield.

Ans
✗ 1. Forbearance
✗ 2. Erudition
✓ 3. Cowardice
✗ 4. Idiosyncrasy

Question ID : **26433070523**
Status : **Answered**
Chosen Option : **3**

Q.5 **Select the most appropriate idiom that can substitute the italicised words in the given sentence.**

I have been a vegetarian for *a very long time*.

Ans
✓ 1. donkey's years
✗ 2. duck in the thunderstorm
✗ 3. die in harness
✗ 4. Damocles' sword

Question ID : **26433071998**
Status : **Answered**
Chosen Option : **1**

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

A very expensive and elaborately built tomb

Ans
✔ 1. Mausoleum
✘ 2. Cemetery
✘ 3. Mosque
✘ 4. Masterpiece

Question ID : **26433061039**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Every nook and corner <u>of the house were unclean.</u>

Ans
✘ 1. of a house was unclean
✘ 2. by the house were unclean
✘ 3. to the house were unclean
✔ 4. of the house was unclean

Question ID : **26433084635**
Status : **Answered**
Chosen Option : **4**

Q.8 **Select the correct direct form of the given sentence.**
John said that he was there to resolve that fight for them.

Ans
✘ 1. John says, "I am here to resolve this fight for you."
✘ 2. John said to me, "You are here to resolve this fight for you."
✔ 3. John said, "I am here to resolve this fight for you."
✘ 4. John said, "I was here to resolve this fight for you."

Question ID : **264330104631**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the most appropriate synonym of the given word.**

Tyranny

Ans
✔ 1. Autocracy
✘ 2. Compassion
✘ 3. Social
✘ 4. Discordance

Question ID : **26433072201**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10 **Select the most appropriate option to substitute the underlined segment in the given sentence.**

Rearing of silk worms is called <u>horticulture</u>.

Ans
✗ 1. pisciculture
✗ 2. agriculture
✓ 3. sericulture
✗ 4. apiculture

Question ID : **26433088485**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the correct active form of the given sentence.**
The memorial event is expected to be attended by thousands of people.

Ans
✗ 1. Thousands of people was expected to attend the memorial event.
✗ 2. Thousands of people are expected to attending the memorial event.
✗ 3. Thousands of people had expected to attending the memorial event.
✓ 4. Thousands of people are expected to attend the memorial event.

Question ID : **264330104583**
Status : **Answered**
Chosen Option : **4**

Q.12 **Select the INCORRECTLY spelt word in the following sentence.**
Tyrany must be dead to attain harmony, tranquillity, and serenity.

Ans
✗ 1. tranquillity
✓ 2. tyrany
✗ 3. serenity
✗ 4. harmony

Question ID : **26433060814**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Movement
✓ 2. Kecthup
✗ 3. Precise
✗ 4. Flashy

Question ID : **26433063167**
Status : **Answered**
Chosen Option : **2**

Q.14 **Select the most appropriate phrasal verb to fill in the blank.**

The company's profits were low and they were forced to _____ staff.

Ans
✗ 1. lisp off
✓ 2. lay off
✗ 3. lay on
✗ 4. lie on

Question ID : **26433091843**
Status : **Answered**
Chosen Option : **2**

Q.15 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**

After seeing that Shreya / was in trouble, / Rahul quietly stepped up to help.

Ans
✗ 1. Rahul quietly stepped up to help
✗ 2. After seeing that Shreya
✗ 3. was in trouble
✓ 4. No error

Question ID : **26433084858**
Status : **Answered**
Chosen Option : **1**

Q.16 **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'.**

Santa Claus stays at the North Pole when he isn't <u>out deliver</u> gifts for Christmas.

Ans
✗ 1. out to delivering
✓ 2. out delivering
✗ 3. No substitution
✗ 4. out of deliver

Question ID : **26433084577**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the most appropriate ANTONYM of the given word.**

Guilty

Ans
✗ 1. Remnant
✓ 2. Innocent
✗ 3. Nonchalant
✗ 4. Omnipotent

Question ID : **26433060689**
Status : **Answered**
Chosen Option : **2**

Q.18 **Select the option that is similar in meaning to the underlined word.**

The president's concern for the homeless people was <u>superficial</u> and ended as soon as the media left the event.

Ans
✓ 1. Shallow
✗ 2. Derogatory
✗ 3. Regardless
✗ 4. Insubstantial

Question ID : **26433060591**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the option that can be used as a one-word substitute for the given group of words.**

A place where coins and medals are made.

Ans
✗ 1. Office
✓ 2. Mint
✗ 3. Mine
✗ 4. Barn

Question ID : **26433060106**
Status : **Answered**
Chosen Option : **2**

Q.20 **Select the correct passive voice form for the given sentence.**

My brother likes football.

Ans
✗ 1. Football was liked by my brother.
✗ 2. Football is like by my brother.
✗ 3. Football was like by my brother.
✓ 4. Football is liked by my brother.

Question ID : **26433088626**
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.

The monastery in Tawang has recently undergone (1)_____ and bright paintings (2)_____ it walls. Dances and ceremonial celebrations are held in the (3)_____ , the most important of which is held on the night of Buddha Purnima, the full moon on which the Buddha was born, (4)_____ enlightenment and died. To reach Tawang, you drive for 12 hours from Assam's Tezpur town, a major Indian Forces base. The best seasons the visitor can choose for coming to Tawang is (5)_____ September to November.

SubQuestion No : 21

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

Ans
✗ 1. innovation
✗ 2. depreciation
✗ 3. termination
✓ 4. renovation

Question ID : **26433073424**
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.

The monastery in Tawang has recently undergone (1)_____ and bright paintings (2)_____ it walls. Dances and ceremonial celebrations are held in the (3)_____ , the most important of which is held on the night of Buddha Purnima, the full moon on which the Buddha was born, (4)_____ enlightenment and died. To reach Tawang, you drive for 12 hours from Assam's Tezpur town, a major Indian Forces base. The best seasons the visitor can choose for coming to Tawang is (5)_____ September to November.

SubQuestion No : 22

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

Ans

✗ 1. expose

✗ 2. rectify

✗ 3. adore

✓ 4. adorn

Question ID : **26433073425**
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.

The monastery in Tawang has recently undergone (1)_____ and bright paintings (2)_____ it walls. Dances and ceremonial celebrations are held in the (3)_____ , the most important of which is held on the night of Buddha Purnima, the full moon on which the Buddha was born, (4)_____ enlightenment and died. To reach Tawang, you drive for 12 hours from Assam's Tezpur town, a major Indian Forces base. The best seasons the visitor can choose for coming to Tawang is (5)_____ September to November.

SubQuestion No : 23

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

Ans

✓ 1. courtyard

✗ 2. churchyard

✗ 3. shipyard

✗ 4. junkyard

Question ID : **26433073426**
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.

The monastery in Tawang has recently undergone (1)_____ and bright paintings (2)_____ it walls. Dances and ceremonial celebrations are held in the (3)_____ , the most important of which is held on the night of Buddha Purnima, the full moon on which the Buddha was born, (4)_____ enlightenment and died. To reach Tawang, you drive for 12 hours from Assam's Tezpur town, a major Indian Forces base. The best seasons the visitor can choose for coming to Tawang is (5)_____ September to November.

SubQuestion No : 24

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

Ans

✓ 1. attained

✗ 2. displayed

✗ 3. transferred

✗ 4. received

Question ID : **26433073427**
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.

The monastery in Tawang has recently undergone (1)_____ and bright paintings (2)_____ it walls. Dances and ceremonial celebrations are held in the (3)_____ , the most important of which is held on the night of Buddha Purnima, the full moon on which the Buddha was born, (4)_____ enlightenment and died. To reach Tawang, you drive for 12 hours from Assam's Tezpur town, a major Indian Forces base. The best seasons the visitor can choose for coming to Tawang is (5)_____ September to November.

SubQuestion No : 25

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

Ans

✗ 1. about

✗ 2. beside

✓ 3. between

✗ 4. among

Question ID : **26433073428**
Status : **Answered**
Chosen Option : **1**