Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/07/2023
Exam Time	5:15 PM - 6:15 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : **General Intelligence and Reasoning**

Q.1 **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.**
TABLE : FNEEY :: CROWN : OYRVH : : BEAUTY : ?

Ans
✗ 1. YTUEJH
✗ 2. YTUAEB
✓ 3. ZVXEJH
✗ 4. ZUVBFC

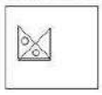
Question ID : **26433090019**
Status : **Answered**
Chosen Option : **3**

Q.2 **Which of the following numbers will replace the question mark (?) in the given series?**
11, ?, 20, 29, 41, 56

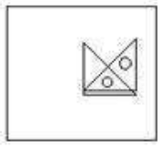
Ans
✗ 1. 16
✗ 2. 13
✗ 3. 15
✓ 4. 14

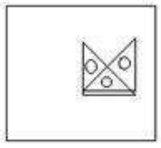
Question ID : **26433090932**
Status : **Answered**
Chosen Option : **4**

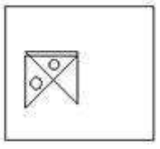
Q.3 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

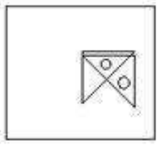


Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **26433068184**
Status : **Answered**
Chosen Option : **1**

Q.4 **The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs except one. Find that odd number-pair.**

Ans

✘ 1. 7 : 46

✘ 2. 13 : 166

✘ 3. 9 : 78

✔ 4. 48 : 144

Question ID : **264330143707**
Status : **Answered**
Chosen Option : **4**

Q.5 **Priya pointed towards a man and said that he is her brother's paternal grandmother's only child. How is the man related to Priya?**

Ans

✘ 1. Brother

✘ 2. Paternal grandfather

✔ 3. Father

✘ 4. Son

Question ID : **264330118658**
Status : **Answered**
Chosen Option : **1**

Q.6 **Which of the following letter-clusters can replace the question mark (?) in the given series to make it logically complete?**
MIT, JEQ, GAN, DWK, ?

Ans
✔ 1. ASH
✘ 2. YRG
✘ 3. ZRI
✘ 4. YSJ

Question ID : **26433082556**
Status : **Answered**
Chosen Option : **1**

Q.7 **In a certain code language, "LAMP" is written as "66" and "OATS" is written as "53". How will "YESS" be written in that language?**

Ans
✘ 1. 51
✘ 2. 55
✘ 3. 45
✔ 4. 40

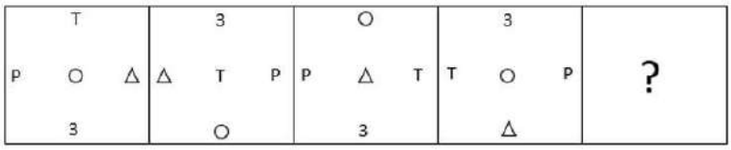
Question ID : **264330130330**
Status : **Answered**
Chosen Option : **4**

Q.8 **In a certain code language, 'THIN' is coded as '1723' and 'WITH' is coded as '2417'. What is the code for 'W' in the given code language?**

Ans
✔ 1. 4
✘ 2. 1
✘ 3. 7
✘ 4. 2

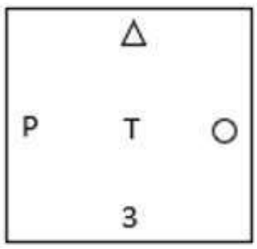
Question ID : **264330126009**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

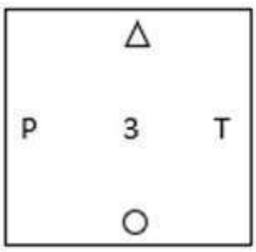


Ans

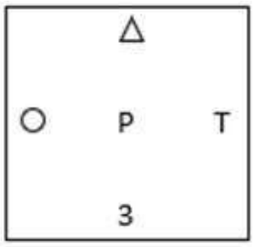
✔ 1.



✘ 2.



✘ 3.



✘ 4.

Question ID : **26433085788**
Status : **Marked For Review**
Chosen Option : **1**

Q.10 **Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.**
9 : 79 :: 11 : 119 :: 7 : ?

Ans
✗ 1. 41
✗ 2. 49
✓ 3. 47
✗ 4. 51

Question ID : **264330143715**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1. Banished
2. Bandage
3. Bannister
4. Bankrupt
5. Bandwagon
6. Banquet

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

Question ID : **264330134284**
Status : **Answered**
Chosen Option : **3**

Q.12 **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.**

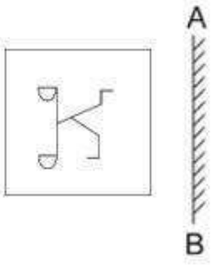
Statements:
All pencils are colours.
All colours are paints.
Some paints are drawings.

Conclusions:
I. Some pencils are drawings.
II. Some paints are colours.
III. Some colours are pencils.

Ans
✗ 1. Only conclusions I and III follow
✓ 2. Only conclusions II and III follow
✗ 3. Only conclusions I and II follow
✗ 4. All conclusions follow

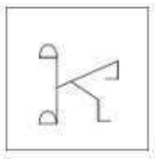
Question ID : **26433090922**
Status : **Answered**
Chosen Option : **2**

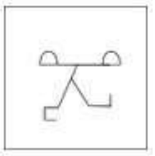
Q.13 **Select the correct mirror image of the given figure when the mirror is placed at AB.**

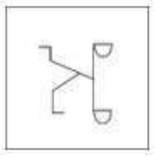


Ans

✗ 1.

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **264330106443**
Status : **Answered**
Chosen Option : **4**

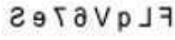
Q.14 **Select the option that represents the letters that, when placed from left to right in the following blanks, will complete the letter-series.**
Z X C _ B Z _ _ V B _ X E V _ Z _ _ V B

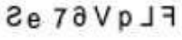
Ans
✗ 1. U Y E Z B X F
✗ 2. U X D Z B X F
✗ 3. V Y E Z B X G
✓ 4. V X D Z B X F

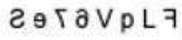
Question ID : **264330143747**
Status : **Answered**
Chosen Option : **4**

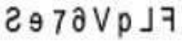
Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **264330103140**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the correct combination of mathematical signs to sequentially fill in the circles and to balance the given equation.

45 ◯ 9 ◯ 3 ◯ 25 ◯ 55 ◯ 15

Ans

✘ 1. ÷, ×, −, = , ×

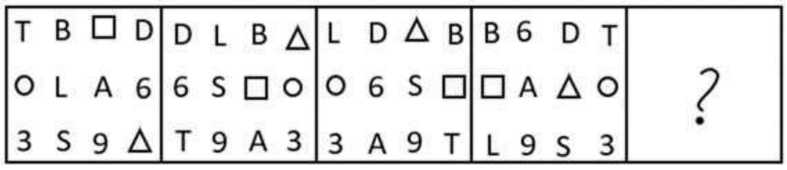
✘ 2. ÷, ×, =, +, +

✘ 3. +, =, ÷, ×, +

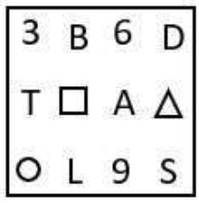
✔ 4. ÷, ×, +, = ,−

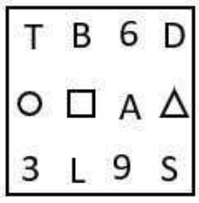
Question ID : **264330104007**
Status : **Answered**
Chosen Option : **4**

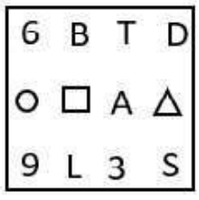
Q.17 Select the figure that will replace the question mark (?) in the following figure series.

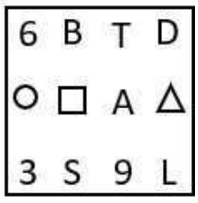


Ans

1. 

2. 

3. 

4. 

Question ID : **264330143833**
Status : **Answered**
Chosen Option : **2**

Q.18 **Which two numbers and two signs should be interchanged in the following equation to make it correct?**

18 − 6 + 11 × 5 + 18 = 113

Ans
1. 6 and 5, + and ×
2. 18 and 5, + and ×
3. 6 and 5, − and ×
4. 18 and 5, − and ×

Question ID : **26433097215**
Status : **Answered**
Chosen Option : **3**

Q.19 **Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.**
121 : 10 :: 256 : 15 :: 441 : ?

Ans
✗ 1. 17
✓ 2. 20
✗ 3. 21
✗ 4. 19

Question ID : **26433082873**
Status : **Answered**
Chosen Option : **2**

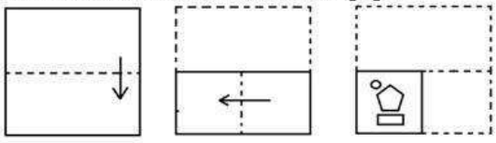
Q.20 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. For e.g. 13 – Operations on 13 such as adding/subtracting/multiplying 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, 35, 143)
(182, 65, 127)

Ans
✓ 1. (142, 83, 69)
✗ 2. (253, 99, 154)
✗ 3. (203, 89, 117)
✗ 4. (159, 62, 87)

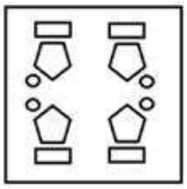
Question ID : **264330131292**
Status : **Answered**
Chosen Option : **1**

Q.21 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose the figure that would most closely resemble the unfolded form of the paper.

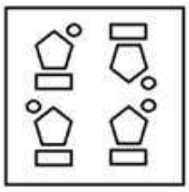


Ans

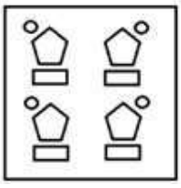
✔ 1.



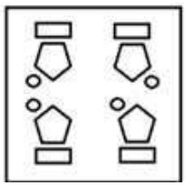
✘ 2.



✘ 3.



✘ 4.



Question ID : **26433067446**
Status : **Answered**
Chosen Option : **1**

Q.22 **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.**
BETTER : EBTTRE :: ANSWER : NAWSRE :: ACCEPT : ?

Ans

✘ 1. CAECPT

✔ 2. CAECTP

✘ 3. CACPET

✘ 4. CACETP

Question ID : **26433086975**
Status : **Answered**
Chosen Option : **2**

Q.23 **Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**

Statements:
Some sweets are chocolates.
All chocolates are cookies.
Some cookies are healthy.

Conclusions:
I. Some sweets are cookies.
II. Some cookies are chocolates.
III. Some chocolates are sweets .

Ans
✗ 1. Both conclusions II and III follow.
✓ 2. Both conclusions I and III follow.
✗ 3. Both conclusions I and II follow.
✗ 4. All conclusions follow.

Question ID : **26433083096**
Status : **Answered**
Chosen Option : **4**

Q.24 **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.**
PARROT : PTRKOM :: RECIPE : RXCBPX : RELISH : ?

Ans
✗ 1. HJUIOK
✗ 2. LACXIO
✓ 3. RXLBSA
✗ 4. TFSDBM

Question ID : **26433069027**
Status : **Answered**
Chosen Option : **3**

Q.25 **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.)
(9, 26, 53)
(8, 23, 47)

Ans
✓ 1. (5, 14, 29)
✗ 2. (6, 17, 36)
✗ 3. (11, 32, 56)
✗ 4. (7, 20, 42)

Question ID : **26433078959**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 In which state is the Chithirai festival celebrated?

Ans
1. Punjab
2. Tamil Nadu
3. Rajasthan
4. Meghalaya

Question ID : **264330113174**
Status : **Answered**
Chosen Option : **4**

Q.2 Kalbelia dance is generally performed in which of the following states of India?

Ans
1. Tamil Nadu
2. Punjab
3. Rajasthan
4. Assam

Question ID : **26433094868**
Status : **Answered**
Chosen Option : **3**

Q.3 The rule of the English East India company was ended in British India under the Government of India Act, _____.

Ans
1. 1858
2. 1857
3. 1859
4. 1856

Question ID : **264330111393**
Status : **Answered**
Chosen Option : **2**

Q.4 Which of the following is a highly electropositive element that readily gives up an electron in order to obtain a stable electronic configuration?

Ans
1. Cl
2. O
3. Na
4. N

Question ID : **264330109900**
Status : **Answered**
Chosen Option : **3**

Q.5 **The famous scientist, Albert Einstein, was inspired by whose idea of non-violence?**

Ans
✔ 1. Mahatma Gandhi
✘ 2. Vardhaman Mahavira
✘ 3. Gautam Buddha
✘ 4. BR Ambedkar

Question ID : **264330130565**
Status : **Answered**
Chosen Option : **1**

Q.6 **Which of the following is INCORRECTLY matched?**

Ans
✔ 1. Montane climate - Uttar Pradesh, Bihar and Jharkhand
✘ 2. Tropical monsoon climate - The Western Ghats, the Malabar Coast and southern Assam
✘ 3. Tropical semi-arid (steppe) climate - Karnataka, central Maharashtra, some parts of Tamil Nadu and Andhra Pradesh
✘ 4. Hot deserts, arid climate - Rajasthan and some parts of Gujarat

Question ID : **264330109942**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Diwan-i-Arz was essentially the department of _____ under Delhi Sultanate.**

Ans
✘ 1. financial services
✘ 2. court ceremonies
✔ 3. military services
✘ 4. royal karkhanas

Question ID : **264330114080**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **What is the full form of IADP?**

Ans
✔ 1. Intensive Agricultural District Programme
✘ 2. Indian Agricultural Development Programme
✘ 3. Integrated Agricultural District Plan
✘ 4. Intensive Agricultural Development Project

Question ID : **264330112482**
Status : **Answered**
Chosen Option : **2**

Q.9 **Who among the following has been appointed as the new Chairperson of the National Company Law Appellate Tribunal (NCLAT), for a period of four years or until he attains the age of 70 years, whichever is the earliest in November 2021?**

Ans
- ✗ 1. Justice Vikram Nath
- ✗ 2. Justice BV Nagarathna
- ✓ 3. Justice Ashok Bhushan
- ✗ 4. Justice Abhay Oka

Question ID : **26433081853**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Under which policy has the Union Ministry of Power launched a scheme for procurement of aggregate power of 4500 MW for five years?**

Ans
- ✗ 1. Urja Sanchay Policy
- ✓ 2. Shakti Policy
- ✗ 3. Nai Urja Policy
- ✗ 4. Gatishakti Policy

Question ID : **264330137270**
Status : **Answered**
Chosen Option : **3**

Q.11 **Which element was arbitrarily assigned a value of 4.0 in the 'Halogens' section in 1922 by Linus Pauling, an American scientist?**

Ans
- ✓ 1. Fluorine
- ✗ 2. Iodine
- ✗ 3. Astatine
- ✗ 4. Bromine

Question ID : **264330141695**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **The MITRA scheme was first announced in the Union Budget for 2021-22 to set up world-class infrastructure in which sector?**

Ans
- ✗ 1. Automobiles
- ✓ 2. Textile industry
- ✗ 3. Defence manufacturing
- ✗ 4. Pharmaceuticals

Question ID : **264330111309**
Status : **Answered**
Chosen Option : **2**

Q.13 Where in India are the Sundari trees that provide durable and hard timber found?

Ans
1. Tropical Deciduous Forests
2. Mangrove Forests
3. Montane Forests
4. Tropical Evergreen Forests

Question ID : **264330110654**
Status : **Answered**
Chosen Option : **2**

Q.14 Which of the following is NOT included in domestic income?

Ans
1. Income earned by the residents of the country
2. Income earned by the non-residents outside the country
3. Income earned by all the employees of the country
4. Profit of all the industries of the country

Question ID : **26433064859**
Status : **Answered**
Chosen Option : **2**

Q.15 As per National Family Health Survey (NFHS 5) 2019-21, what percentage of women have a bank or savings account that they themselves use?

Ans
1. 68.3%
2. 78.6%
3. 87.7%
4. 58.5%

Question ID : **264330137283**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Tansen, who was included in the Navaratnas of Akbar, was an expert in playing which of the following musical instruments?

Ans
1. Nagada
2. Veena
3. Sarangi
4. Rabab

Question ID : **26433074121**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Match the following countries with respect to their ranking on the Global Hunger Index 2022 out of 121 countries.

Country	Rank
1. India	a. 99
2. Pakistan	b. 107
3. Nepal	c. 81

Ans
✗ 1. 1-c, 2-a, 3-b
✗ 2. 1-b, 2-c, 3-a
✗ 3. 1-a, 2-b, 3-c
✓ 4. 1-b, 2-a, 3-c

Question ID : **264330132764**
Status : **Answered**
Chosen Option : **2**

Q.18 **Mitochondria is NOT found in _____.**

Ans
✗ 1. yeast
✓ 2. bacteria
✗ 3. algae
✗ 4. fungi

Question ID : **26433066491**
Status : **Answered**
Chosen Option : **2**

Q.19 **Which of the following pairs is/are correctly matched regarding the terminology used in the Parliament?**

A.Appropriation Bill — A Money Bill passed for providing for the withdrawal or appropriation from and out of the Consolidated Fund of India
B.Demand for Grants — Earmarking of budgetary allocation for meeting only planned expenditure of a Ministry/Department
C.Short Duration Discussion — For raising a discussion on a matter of urgent public importance for which a notice has to be given by a Member and supported by 50 Members

Ans
✗ 1. A, B and C
✗ 2. B and C only
✓ 3. A only
✗ 4. A and C only

Question ID : **264330119704**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Sangeet Natak Akademi Award (Akademi Puraskar) for the year 2020 was awarded to Meenakshi Chitharanjan for her contribution to which of the following?**

Ans
✔ 1. Bharatanatyam
✘ 2. Odissi
✘ 3. Manipuri
✘ 4. Kuchipudi

Question ID : **264330130895**
Status : **Answered**
Chosen Option : **1**

Q.21 **Select the INCORRECT statement about Phylum Arthropoda.**

Ans
✘ 1. Class Insecta is the largest class of Phylum Arthropoda.
✔ 2. Lignin is the main component of the exoskeletons of arthropods.
✘ 3. Over 85% of all the known animal species are arthropods.
✘ 4. Phylum Arthropoda comprises a wide diversity of animals with hard exoskeletons and jointed appendages.

Question ID : **264330112812**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **_____ countries participated in the Tokyo Paralympic 2020.**

Ans
✘ 1. 163
✘ 2. 161
✘ 3. 164
✔ 4. 162

Question ID : **264330109680**
Status : **Answered**
Chosen Option : **1**

Q.23 **Who sent the Greek ambassador Megasthenes to the court of Chandragupta Maurya?**

Ans
✔ 1. Seleucus
✘ 2. Tolmi
✘ 3. Dionysus
✘ 4. Sikandar

Question ID : **264330114018**
Status : **Answered**
Chosen Option : **1**

Q.24 **Which of the following amendment acts included Fundamental Duties in the Constitution of India?**

Ans
✗ 1. 40nd Amendment Act
✓ 2. 42nd Amendment Act
✗ 3. 41stAmendment Act
✗ 4. 39th Amendment Act

Question ID : **264330110563**
Status : **Answered**
Chosen Option : **2**

Q.25 **Which of the following states recognise the Dahi Handi as a sports event?**

Ans
✓ 1. Maharashtra
✗ 2. Bihar
✗ 3. Madhya Pradesh
✗ 4. Uttar Pradesh

Question ID : **264330109718**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 Simplify the following expression.

$$[\sqrt{25}+12\div3-\{20+(16 \text{ of } 8\div16)-(54\div18 \text{ of } \tfrac{1}{2})\}]$$

Ans
✓ 1. −13
✗ 2. 12
✗ 3. 22
✗ 4. 0

Question ID : **26433063186**
Status : **Answered**
Chosen Option : **1**

Q.2 **If a + b + c = 6 and $a^2 + b^2 + c^2 = 14$, then what is the value of $(a - b)^2 + (b - c)^2 + (c - a)^2$?**

Ans
✗ 1. −8
✗ 2. 8
✗ 3. 10
✓ 4. 6

Question ID : **264330131362**
Status : **Answered**
Chosen Option : **4**

Q.3 **An amount becomes double in 8 years on simple interest. In how many years would Rs.25,000 become Rs.1,00,000 with the same rate of interest?**

Ans
✗ 1. 32
✗ 2. 28
✗ 3. 16
✓ 4. 24

Question ID : **264330106094**
Status : **Answered**
Chosen Option : **4**

Q.4 **The marked price on a book is ₹1,000. In a book fair, it is available for sale with a discount scheme offering two successive discounts of 12% and 8%. What is the final selling price (in ₹) of the book for a customer (rounded off to the nearest integer)?**

Ans
✓ 1. 810
✗ 2. 790
✗ 3. 825
✗ 4. 800

Question ID : **264330103964**
Status : **Answered**
Chosen Option : **1**

Q.5 **A and B invested money in a business in the ratio of 7 : 5. If 15% of the total profit goes for charity, and A's share in the profit is Rs.5,950, then what is the total profit?**

Ans
✗ 1. Rs.12,500
✓ 2. Rs.12,000
✗ 3. Rs.10,500
✗ 4. Rs.11,750

Question ID : **26433082369**
Status : **Answered**
Chosen Option : **2**

Q.6 **A shopkeeper purchases six small cold drink bottles for ₹100. For how much should he sell one such bottle to get a profit of 20%?**

Ans
✗ 1. ₹22
✓ 2. ₹20
✗ 3. ₹21
✗ 4. ₹23

Question ID : **26433091538**
Status : **Answered**
Chosen Option : **2**

Q.7 Find the value of the given expression.

$\frac{4}{3}\tan^2 45° + 3\cos^2 30° - 2\sec^2 30° - \frac{3}{4}\cot^2 60°$

Ans

✔ 1. $\frac{2}{3}$

✘ 2. $\frac{3}{2}$

✘ 3. $\frac{\sqrt{2}}{3}$

✘ 4. $\frac{3}{\sqrt{2}}$

Question ID : **264330126615**
Status : **Answered**
Chosen Option : **1**

Q.8 **Meenu is 38 years old. Her daughter is 8 years old. In how many years will Meenu be double her daughter's age?**

Ans

✔ 1. 22

✘ 2. 25

✘ 3. 20

✘ 4. 24

Question ID : **264330145546**
Status : **Answered**
Chosen Option : **1**

Q.9 **Shatabdi Express train covers 700 km in 5 hours and another 1012 km in 11 hours. What is the average speed of the train (in metres/second)?**

Ans

✘ 1. 107

✘ 2. $385\frac{1}{5}$

✔ 3. $29\frac{13}{18}$

✘ 4. 27

Question ID : **264330123986**
Status : **Answered**
Chosen Option : **3**

Q.10 **In a company, a piece of work can be completed in 4, 6 and 18 days alone by R, S and T, respectively. In how many days will the work be completed if they work together? (Rounded off to 2 decimal places)**

Ans
1. 3.32
2. 2.12
3. 2.42
4. 3.21

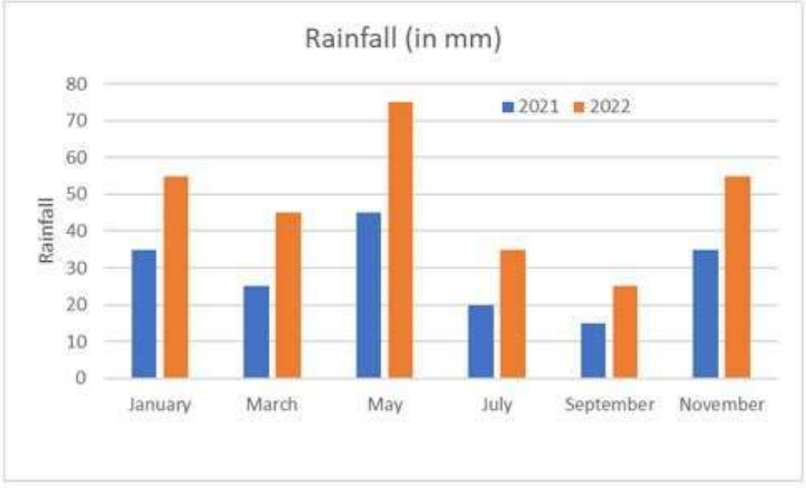
Question ID : **264330112233**
Status : **Answered**
Chosen Option : **2**

Q.11 **In a $\triangle ABC$, if $\angle A = 90°$, AC = 5 cm, BC = 9 cm and in $\triangle PQR$, $\angle P = 90°$,PR = 3 cm, QR = 8 cm, then:**

Ans
1. $\triangle ABC \cong \triangle PQR$
2. $\triangle ABC \ncong \triangle PQR$
3. $\triangle ABC \neq \triangle PQR$
4. $\triangle ABC = \triangle PQR$

Question ID : **264330126216**
Status : **Answered**
Chosen Option : **2**

Q.12 **The following diagram shows the rainfall over two years. Which of the following months shows the highest percentage change in rainfall?**



Ans
1. January
2. September
3. May
4. March

Question ID : **264330130030**
Status : **Answered**
Chosen Option : **3**

Q.13 If $p = \frac{\sqrt{2}+1}{\sqrt{2}-1}$ and $q = \frac{\sqrt{2}-1}{\sqrt{2}+1}$ then find the value of $\frac{p^2}{q} + \frac{q^2}{p}$.

Ans
✗ 1. 200
✗ 2. 196
✓ 3. 198
✗ 4. 188

Question ID : **26433080389**
Status : **Answered**
Chosen Option : **3**

Q.14 **Find the exact value of cos 120°.**

Ans
✓ 1. –0.5
✗ 2. 0
✗ 3. 0.5
✗ 4. 1

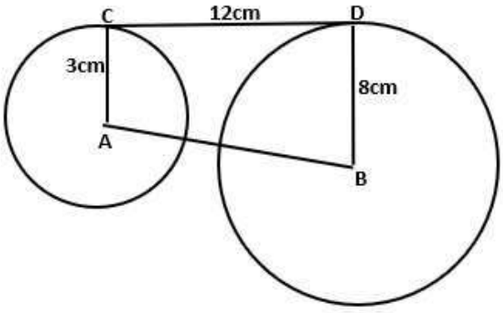
Question ID : **264330143579**
Status : **Answered**
Chosen Option : **1**

Q.15 **A cone and a cylinder with equal radii have equal volumes. The ratio of their heights is :**

Ans
✗ 1. 2 : 3
✗ 2. 3 : 4
✗ 3. 1 : 2
✓ 4. 3 : 1

Question ID : **26433081747**
Status : **Answered**
Chosen Option : **4**

Q.16 Observe the given figure. The distance between the two centers AB is



Ans
✗ 1. 10 cm
✗ 2. 11 cm
✓ 3. 13 cm
✗ 4. 12 cm

Question ID : **264330106650**
Status : **Answered**
Chosen Option : **3**

Q.17 Quantity of various food items used by a restaurant during 4 months of a year (in kg).

Month / Food Item	March	April	May	June
A	220	180	270	320
B	255	320	390	420
C	280	295	280	315
D	350	310	250	280
E	308	340	350	365

What is the average quantity of food item C used during all the 4 months together?

Ans
✗ 1. 303.7 kg
✓ 2. 292.5 kg
✗ 3. 211.8 kg
✗ 4. 253.6 kg

Question ID : **26433099056**
Status : **Answered**
Chosen Option : **2**

Q.18 **Find the fourth proportional of 144, 192 and 216.**

Ans
✗ 1. 361
✓ 2. 288
✗ 3. 324
✗ 4. 289

Question ID : **264330103412**
Status : **Answered**
Chosen Option : **2**

Q.19 Simplify the following expression.

$$\frac{7}{10} \div \frac{3}{7} \text{ of } (2\frac{3}{10} + 2\frac{3}{5}) + \frac{1}{5} \div 1\frac{2}{5} - \frac{2}{7}$$

Ans
✗ 1. $-\frac{4}{21}$

✗ 2. $\frac{5}{21}$

✓ 3. $\frac{4}{21}$

✗ 4. $-\frac{5}{21}$

Question ID : **264330143486**
Status : **Answered**
Chosen Option : **3**

Q.20 Using $\tan(A - B) = \frac{\tan A - \tan B}{1 + \tan A \tan B}$, find the value of $\tan 15°$.

Ans
✗ 1. √3 + 1

✗ 2. √3 – 1

✓ 3. 2 – √3

✗ 4. 2 + √3

Question ID : **264330143531**
Status : **Answered**
Chosen Option : **3**

Q.21 **Suresh and Anil are working on a special project. Suresh takes 5 hours to type 40 pages and Anil needs 6 hours to type 32 pages on a computer. How much time will it take them to type a 110-page assignment if they work on two different computers?**

Ans
✓ 1. 8 hours 15 minutes

✗ 2. 8 hours

✗ 3. 7 hours 35 minutes

✗ 4. 8 hours 40 minutes

Question ID : **264330143468**
Status : **Answered**
Chosen Option : **1**

Q.22 **A thief is spotted by a policeman from a distance of 210 m. When the policeman starts the chase, the thief also starts running. If the speed of the thief is 25 km/h and that of the policeman is 32 km/h, then how far would the thief have run (in m) before he is overtaken?**

Ans
✗ 1. 920
✗ 2. 480
✗ 3. 1200
✓ 4. 750

Question ID : **264330102370**
Status : **Answered**
Chosen Option : **4**

Q.23 **Sudhin cycled at 8.5 km/h for 4 hours, then took an auto and travelled at 20 km/h for 1.5 hours, and then walked at 4 km/h for y hours. If Sudhin's overall average speed for the entire journey was 10 km/h, what is the value of y?**

Ans
✗ 1. 2
✗ 2. 1.25
✓ 3. 1.5
✗ 4. 1.75

Question ID : **264330103241**
Status : **Answered**
Chosen Option : **3**

Q.24 **Area of a sector is 1848 m^2 and the central angle of the sector is 270°. Find the radius of the circle. (Take π=22/7)**

Ans
✗ 1. 784 m
✗ 2. 22 m
✗ 3. 27 m
✓ 4. 28 m

Question ID : **264330143591**
Status : **Answered**
Chosen Option : **4**

Q.25 **A man and a woman can finish a work together in half the time taken by a woman and a boy together. A boy can finish the work alone in 20 days and 2 women together can finish it in 30 days. In how many days will the work be finished by 4 men?**

Ans
✗ 1. 2
✓ 2. 2.14
✗ 3. 2.5
✗ 4. 3

Question ID : **264330117932**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 **Select the most appropriate meaning of the underlined idiom.**

Has he lost his mind? He is <u>falling foul of</u> everybody.

Ans

✗ 1. Quite puzzled with

✗ 2. Maintaining a sort of coldness

✗ 3. Having an amicable talk with

✓ 4. Quarrelling with

Question ID : **26433089102**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate synonym of the underlined word.**

In the 2030 Agenda for Sustainable Development, Member States express their commitment to protect the planet from <u>degradation</u> and take urgent action on climate change.

Ans

✗ 1. pollution

✗ 2. hazard

✓ 3. degeneration

✗ 4. approval

Question ID : **26433090778**
Status : **Answered**
Chosen Option : **1**

Q.3 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
My mother said / that Ben will done / the assignment / today.

Ans

✗ 1. today

✗ 2. My mother said

✓ 3. that Ben will done

✗ 4. the assignment

Question ID : **26433086448**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Irene went to office <u>every single day by walk</u>.

Ans

✗ 1. every day single by walk

✗ 2. every single day walk

✓ 3. every single day on foot

✗ 4. every single day on walk

Question ID : **26433088746**
Status : **Answered**
Chosen Option : **3**

Q.5 **Select the most appropriate one-word substitution of the given group of words.**

Something that is absolutely necessary, that you cannot do without.

Ans
1. Insular
2. Indispensable
3. Isolated
4. Intolerant

Question ID : **26433090859**
Status : **Answered**
Chosen Option : **2**

Q.6 **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.**
Mr. Ram Kumar, the cashier are / on temporary withdrawal / from service.

Ans
1. on temporary withdrawal
2. Mr. Ram Kumar, the cashier are
3. from service
4. No error

Question ID : **26433060152**
Status : **Answered**
Chosen Option : **2**

Q.7 **The given sentence has some words with incorrect spellings. Select the most appropriate option that corrects the spellings.**

The agreement was termineted by mutal consent.

Ans
1. The agreement was terminated by mutual consent.
2. The agreement was tarminated by mutual consent.
3. The agriment was terminated by mutual consent.
4. The agreement was terminated by mutual concent.

Question ID : **26433092087**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the option that can be used as a one-word substitute for the given group of words.**
Animal living both on land and water.

Ans
1. Marine
2. Amphibian
3. Arboreal
4. Terrestrial

Question ID : **26433084673**
Status : **Answered**
Chosen Option : **2**

Q.9 **Select the INCORRECTLY spelt word.**

Ans
✔ 1. Avarise
✘ 2. Adverse
✘ 3. Beige
✘ 4. Admonish

Question ID : **264330120768**
Status : **Answered**
Chosen Option : **1**

Q.10 **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'.**
The company decided to sell their stake in their subsidiary because it was under massive debts.

Ans
✘ 1. sell their stake in its subsidiary
✘ 2. No substitution
✘ 3. sell its stake in their subsidiary
✔ 4. sell its stake in its subsidiary

Question ID : **26433093086**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
In times of difficulty, she preys for an oracle to guide her.

Ans
✘ 1. pray
✘ 2. praise
✘ 3. price
✔ 4. prays

Question ID : **264330117207**
Status : **Answered**
Chosen Option : **4**

Q.12 **Select the option that expresses the given sentence in passive voice.**
Rahul knows Shahbaz since childhood.

Ans
✘ 1. Shahbaz was known to Rahul since childhood.
✔ 2. Shahbaz is known to Rahul since childhood.
✘ 3. Shahbaz known by Rahul since childhood.
✘ 4. Shahbaz has known Rahul since childhood.

Question ID : **264330100323**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the most appropriate ANTONYM of the underlined word.**

The love between them is <u>blooming</u>.

Ans
1. Flourishing
2. Sprouting
3. Growing
4. Fading

Question ID : **26433090864**
Status : **Answered**
Chosen Option : **4**

Q.14 **Select the most appropriate ANTONYM of the underlined word.**
The truck was carrying a <u>heavy</u> load .

Ans
1. Big
2. Massive
3. Light
4. Large

Question ID : **264330121042**
Status : **Answered**
Chosen Option : **3**

Q.15 **Select the most appropriate meaning of the given idiom.**

To be in two minds

Ans
1. To be dominated by someone else
2. To work on somebody else's advice
3. To be in a critical state
4. To be uncertain

Question ID : **26433088139**
Status : **Answered**
Chosen Option : **4**

Q.16 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**

A.The shopman was very interested in selling this creamy box to her as he would gain a big margin.
B.The man on the counter showed her 'an exquisite little enamel box' with a very fine glaze as if baked in cream.
C.As the box was too expensive, priced twenty-eight guineas, she asked the shopkeeper to keep it for her.
D.She went inside a little antique shop in Curzon Street. This was the usual shop where the shopkeeper was ridiculously fond of serving her.

Ans
1. DCBA
2. ADBC
3. BDAC
4. DBAC

Question ID : **26433096941**
Status : **Answered**
Chosen Option : **4**

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

I understand your <u>plight</u>.

Ans
✗ 1. Predicament
✗ 2. Dilemma
✗ 3. Quandary
✓ 4. Advantage

Question ID : **26433090862**
Status : **Answered**
Chosen Option : **4**

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

Certain

Ans
✗ 1. Approval
✓ 2. Definite
✗ 3. Doubtful
✗ 4. Caution

Question ID : **26433093487**
Status : **Answered**
Chosen Option : **2**

Q.19 **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'.**

The Karaoke programme <u>was planned by the club</u> was a grand success.

Ans
✗ 1. were planned by the club
✗ 2. No substitution
✗ 3. has been planned by the club
✓ 4. planned by the club

Question ID : **26433073943**
Status : **Answered**
Chosen Option : **4**

Q.20 **Select the option that expresses the given sentence in passive voice.**
They will not water the plants.

Ans
✓ 1. The plants will not be watered by them.
✗ 2. The plants will not be watered by us.
✗ 3. The plants are not be watered by them.
✗ 4. They shall not water the plants.

Question ID : **264330121857**
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.

War is mostly glorified and (1) _____ by society. The real picture of warfare is as horrific and (2) _____as one can imagine. Often, soldiers who witness death-like experiences suffer from psychological disorders and are (3) _____for the rest of their lives. Many war poems contrast all the sentimental myths about warfare by (4) _____the harsh realities that soldiers face. The real trauma is seen in people who are left to (5) _____for their loved ones after they are gone.

SubQuestion No : 21

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

Ans

✗ 1. sharpened

✗ 2. cemented

✗ 3. sacrificed

✓ 4. eulogised

Question ID : **264330139103**
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.

War is mostly glorified and (1) _____ by society. The real picture of warfare is as horrific and (2) _____as one can imagine. Often, soldiers who witness death-like experiences suffer from psychological disorders and are (3) _____for the rest of their lives. Many war poems contrast all the sentimental myths about warfare by (4) _____the harsh realities that soldiers face. The real trauma is seen in people who are left to (5) _____for their loved ones after they are gone.

SubQuestion No : 22

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

Ans

✗ 1. lengthening

✗ 2. inspiring

✓ 3. devastating

✗ 4. harkening

Question ID : **264330139104**
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.

War is mostly glorified and (1) _____ by society. The real picture of warfare is as horrific and (2) _____as one can imagine. Often, soldiers who witness death-like experiences suffer from psychological disorders and are (3) _____for the rest of their lives. Many war poems contrast all the sentimental myths about warfare by (4) _____the harsh realities that soldiers face. The real trauma is seen in people who are left to (5) _____for their loved ones after they are gone.

SubQuestion No : 23

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

Ans

✗ 1. creeped

✗ 2. shelled

✓ 3. numbed

✗ 4. hardened

Question ID : **264330139105**
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.

War is mostly glorified and (1) _____ by society. The real picture of warfare is as horrific and (2) _____as one can imagine. Often, soldiers who witness death-like experiences suffer from psychological disorders and are (3) _____for the rest of their lives. Many war poems contrast all the sentimental myths about warfare by (4) _____the harsh realities that soldiers face. The real trauma is seen in people who are left to (5) _____for their loved ones after they are gone.

SubQuestion No : 24

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

Ans

✓ 1. exposing

✗ 2. hardening

✗ 3. giving

✗ 4. being

Question ID : **264330139106**
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.

War is mostly glorified and (1) _____ by society. The real picture of warfare is as horrific and (2) _____as one can imagine. Often, soldiers who witness death-like experiences suffer from psychological disorders and are (3) _____for the rest of their lives. Many war poems contrast all the sentimental myths about warfare by (4) _____the harsh realities that soldiers face. The real trauma is seen in people who are left to (5) _____for their loved ones after they are gone.

SubQuestion No : 25

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

Ans

✗ 1. think

✗ 2. memorise

✓ 3. mourn

✗ 4. resist

Question ID : **264330139107**
Status : **Answered**
Chosen Option : **3**