Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Exam Date	26/07/2023
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2023

Section : **General Intelligence and Reasoning**

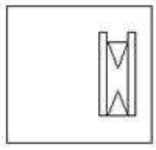
Q.1 **Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.**
Energy : Joule

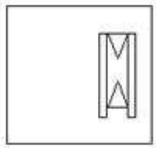
Ans
✗ 1. Temperature : Hot
✗ 2. Force : Watt
✗ 3. Power : Horse
✓ 4. Current : Ampere

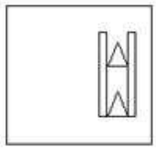
Question ID : **264330103169**
Status : **Answered**
Chosen Option : **4**

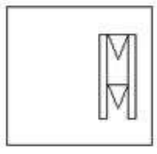
Q.2 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

Ans

✗ 1.


✗ 2.


✓ 3.


✗ 4.


Question ID : **26433068192**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the set in which the numbers are related in the same way as are the numbers of the following set.**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/substracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(7, 15, 11)
(9, 19, 14)

Ans
✗ 1. (8, 16, 13)
✗ 2. (6, 13, 9)
✗ 3. (13, 25, 21)
✓ 4. (11, 23, 17)

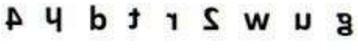
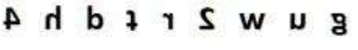
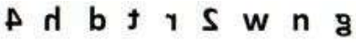
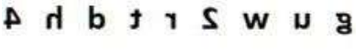
Question ID : **26433079016**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1. Strategy
2. Strength
3. Stranger
4. Stretch
5. Struggle
6. Strange

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

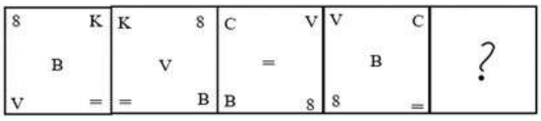
Question ID : **264330132169**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

Ans
✗ 1. 
✗ 2. 
✗ 3. 
✓ 4. 

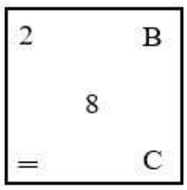
Question ID : **26433096032**
Status : **Answered**
Chosen Option : **4**

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

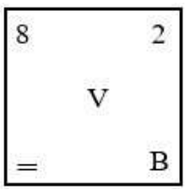


Ans

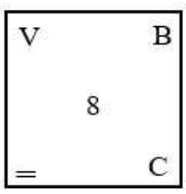
✔ 1.



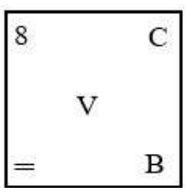
✘ 2.



✘ 3.



✘ 4.



Question ID : **264330143841**
Status : **Answered**
Chosen Option : **4**

Q.7 **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.**
BET : UXM :: SYP : LRI :: HOX : ?

Ans

✘ 1. NVE

✔ 2. AHQ

✘ 3. BHQ

✘ 4. MVE

Question ID : **264330104103**
Status : **Answered**
Chosen Option : **2**

Q.8 **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.**
MAGNET : AMNGTE :: FAMILY : AFIMYL :: BLOCKS : ?

Ans
✗ 1. LCBOSK
✗ 2. OLBSKC
✓ 3. LBCOSK
✗ 4. LBOCSK

Question ID : **26433090884**
Status : **Answered**
Chosen Option : **3**

Q.9 **Which letter-cluster will replace the question mark (?) to complete the given series?**
GTCL, KWEM, OZGN, SCIO, ?

Ans
✗ 1. VGLQ
✗ 2. WKFD
✗ 3. VJEF
✓ 4. WFKP

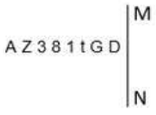
Question ID : **26433076671**
Status : **Answered**
Chosen Option : **4**

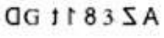
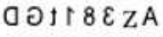
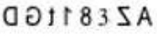
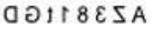
Q.10 **Looking at a photograph, Reema says, "This boy's father is the father of my daughter". How is the boy related to Reema's daughter?**

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

Question ID : **26433091613**
Status : **Answered**
Chosen Option : **3**

Q.11 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 : **264330103141**
Status : **Answered**
Chosen Option : **4**

Q.12 **Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.**

Ans

✗ 1. EILN

✗ 2. AEHJ

✓ 3. MOQX

✗ 4. RVYA

Question ID : **264330143766**
Status : **Answered**
Chosen Option : **3**

Q.13 **Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.**
76 * 4 * 26 * 13 * 9 * 62

Ans

✗ 1. −, +, ÷, ×, =

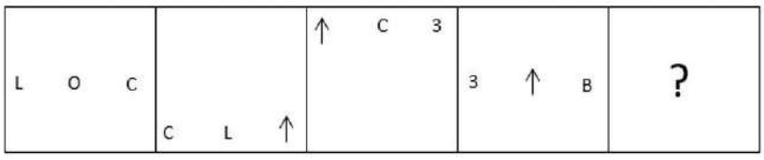
✗ 2. +, ÷, ×, −, =

✓ 3. +, −, ÷, ×, =

✗ 4. ÷, −, +, ×, =

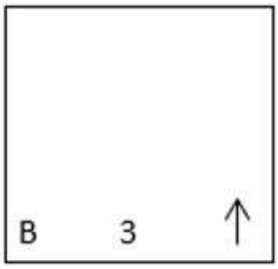
Question ID : **26433068676**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the figure from the options that can replace the question mark (?) and complete the given pattern.

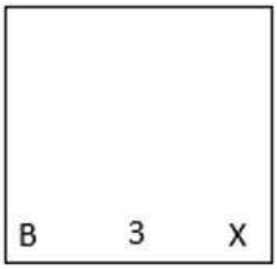


Ans

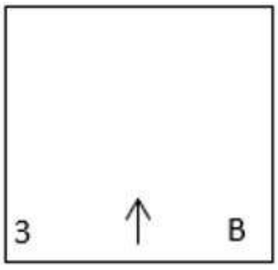
✗ 1.



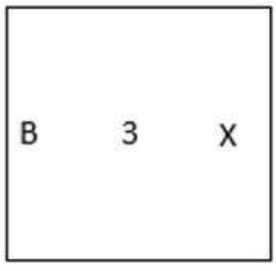
✓ 2.



✗ 3.



✗ 4.



Question ID : **26433085800**
Status : **Answered**
Chosen Option : **2**

Q.15 Which of the following interchanges of signs would make the given equation correct?
1000 – 448 + 14 ÷ 15 × 2 = 998

Ans

✓ 1. + and ÷

✗ 2. × and ÷

✗ 3. – and +

✗ 4. ÷ and –

Question ID : **264330114242**
Status : **Answered**
Chosen Option : **1**

Q.16 **Which two signs and two numbers should be interchanged in the following equation to make it correct?**
15 ÷ 80 – 34 + 10 × 8 = 102

Ans
✗ 1. 10, 80, ÷, –
✗ 2. 15, 34, –, ×
✓ 3. 34, 15, +, ÷
✗ 4. 10, 34, ÷, ×

Question ID : **264330123260**
Status : **Answered**
Chosen Option : **3**

Q.17 **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.)
(4, 81, 5)
(3, 144, 9)

Ans
✓ 1. (2, 100, 8)
✗ 2. (2, 80, 8)
✗ 3. (2, 256, 8)
✗ 4. (2, 64, 8)

Question ID : **26433082878**
Status : **Answered**
Chosen Option : **1**

Q.18 **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. 24 : 169
✗ 2. 12 : 49
✗ 3. 48 : 625
✓ 4. 36 : 365

Question ID : **26433057979**
Status : **Answered**
Chosen Option : **4**

Q.19 **Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.**

Statements:
All tools are spanners.
Some spanners are utensils.
No spanner is an iron.

Conclusions:
(I) Some tools are irons.
(II) Some utensils are tools.
(III) Some utensils are not iron.

Ans
✓ 1. Only conclusion III follows
✗ 2. All conclusions I, II and III follow
✗ 3. Only conclusion I follows
✗ 4. Either conclusion I or conclusion III follows

Question ID : **26433090920**
Status : **Answered**
Chosen Option : **1**

Q.20 **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 cancers are diseases.
All tuberculosis are diseases.
All diseases are curable.

Conclusions:
I. All tuberculosis are curable.
II. Some cancers are tuberculosis.
III. All cancers are curable.

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

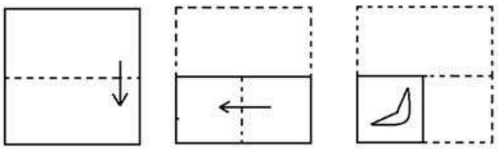
Question ID : **264330143717**
Status : **Answered**
Chosen Option : **2**

Q.21 **In a certain code language, "XPDJOA" is written as "DPXAOJ" and "THBRUC" is written as "BHTCUR". How will "GILDZM" be written in that language?**

Ans
✓ 1. LIGMZD
✗ 2. ZDMGIL
✗ 3. MZDLIG
✗ 4. LGIDZM

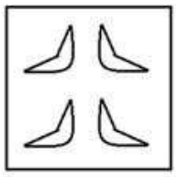
Question ID : **264330130333**
Status : **Answered**
Chosen Option : **1**

Q.22 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Select the figure which would most closely resemble the unfolded form of the paper.

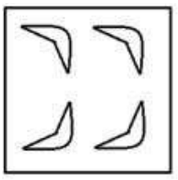


Ans

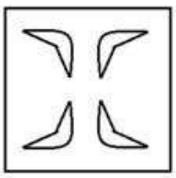
✗ 1.



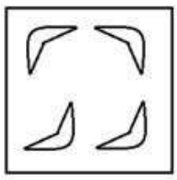
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433056686**
Status : **Answered**
Chosen Option : **3**

Q.23 **Which of the following numbers will replace the question mark (?) in the given series?**
214, 207, 193, ? , 144, 109

Ans

✓ 1. 172

✗ 2. 117

✗ 3. 175

✗ 4. 170

Question ID : **26433090941**
Status : **Answered**
Chosen Option : **1**

Q.24 **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.**
17 : 4624 :: ? : 180 :: 13 : 2028

Ans

✗ 1. 4

✗ 2. 7

✓ 3. 6

✗ 4. 11

Question ID : **26433079361**
Status : **Answered**
Chosen Option : **3**

Q.25 **In a certain code language, 'SLAP' is coded as '3160' and 'PAST' is coded as '6071'. What is the code for 'L' in the given code language?**

Ans
✔ 1. 3
✘ 2. 1
✘ 3. 6
✘ 4. 0

Question ID : **264330126004**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 **In January 2023, the legislative bill providing _____ reservation to women in state government jobs has been approved by Uttarakhand Governor, Lt Gen (Retd.) Gurmit Singh.**

Ans
✘ 1. 20%
✘ 2. 25%
✔ 3. 30%
✘ 4. 35%

Question ID : **264330139421**
Status : **Answered**
Chosen Option : **2**

Q.2 **Butan-2-ol is a:**

Ans
✘ 1. tertiary alcohol
✘ 2. ketone
✘ 3. primary alcohol
✔ 4. secondary alcohol

Question ID : **264330109895**
Status : **Answered**
Chosen Option : **4**

Q.3 **Indian musician Ravi Shankar won his first Grammy Award in 1968 for best chamber music performance for which of the following works done by him?**

Ans
✔ 1. West Meets East
✘ 2. The Concert for Bangladesh
✘ 3. The Sounds of India
✘ 4. Full Circle – Carnegie Hall

Question ID : **26433074815**
Status : **Answered**
Chosen Option : **3**

Q.4 **Which of the following rivers does NOT flow in Kerala State?**

Ans
✘ 1. Bharathapuzha
✘ 2. Periyar
✘ 3. Pamba
✔ 4. Penner

Question ID : **264330113289**
Status : **Answered**
Chosen Option : **1**

Q.5 **Celebrated every year, the Guru Kelucharan Mohapatra Award festival is named after the famous classical dancer of which of the following dance forms?**

Ans
- ✔ 1. Odissi
- ✘ 2. Mohiniyattam
- ✘ 3. Kathak
- ✘ 4. Kuchipudi

Question ID : **26433064795**
Status : **Answered**
Chosen Option : **1**

Q.6 **Under which Constitutional Amendment, the State shall provide free and compulsory education to all children from the age of six to fourteen years?.**

Ans
- ✘ 1. 42nd
- ✘ 2. 62nd
- ✘ 3. 73rd
- ✔ 4. 86th

Question ID : **264330110034**
Status : **Answered**
Chosen Option : **4**

Q.7 **The outermost cover of plant cells is/are known as _____.**

Ans
- ✘ 1. Cell membrane
- ✘ 2. Lysosomes
- ✔ 3. Cell wall
- ✘ 4. Golgi apparatus

Question ID : **26433066701**
Status : **Answered**
Chosen Option : **3**

Q.8 **Guruvayur Ekadashi is the cultural festival of which Indian state?**

Ans
- ✘ 1. Karnataka
- ✘ 2. Andhra Pradesh
- ✘ 3. Tamil Nadu
- ✔ 4. Kerala

Question ID : **264330109607**
Status : **Answered**
Chosen Option : **1**

Q.9 **The Western cyclonic disturbance originates over _____.**

Ans
- ✘ 1. Pacific Ocean
- ✘ 2. Bay of Bengal
- ✘ 3. Arabian Sea
- ✔ 4. The Mediterranean

Question ID : **26433066502**
Status : **Answered**
Chosen Option : **3**

Q.10 **Who along with Arthur Compton received the Nobel Prize in 1927 for the development of the cloud chamber for the detection of charged particles?**

Ans
✔ 1. Charles Wilson
✘ 2. Frederick Soddy
✘ 3. Ernest Lawrence
✘ 4. Harold Urey

Question ID : **264330144059**
Status : **Answered**
Chosen Option : **1**

Q.11 **Which Article of the Indian Constitution empowers the Parliament to establish additional courts for better administration of laws made by it?**

Ans
✘ 1. Article 246
✘ 2. Article 248
✘ 3. Article 253
✔ 4. Article 247

Question ID : **264330114501**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Census in India was first started under _____ in the year 1872.**

Ans
✘ 1. Lord Lawrence
✘ 2. Lord Canning
✘ 3. Lord Cornwallis
✔ 4. Lord Mayo

Question ID : **264330109500**
Status : **Answered**
Chosen Option : **4**

Q.13 **Who wrote 'Gift to Monotheists' in Persian to denounce the belief in many Gods?**

Ans
✘ 1. Swami Shraddhanand
✘ 2. Swami Dayanand
✔ 3. Raja Ram Mohan Roy
✘ 4. Swami Vivekanand

Question ID : **264330132688**
Status : **Answered**
Chosen Option : **4**

Q.14 **Identify an organism that exhibits metagenesis.**

Ans
✔ 1. Obelia
✘ 2. Spongilla
✘ 3. Sycon
✘ 4. Euspongia

Question ID : **264330134875**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Magadha Mahajanapada was surrounded by the rivers _____.

Ans
- ✗ 1. Ganga and Jhelum
- ✗ 2. Ganga and Yamuna
- ✓ 3. Ganga and Son
- ✗ 4. Ganga and Ghaghara

Question ID : **264330114806**
Status : **Answered**
Chosen Option : **2**

Q.16 Lai Haraoba is the earliest form of which of the following classical dances of India?

Ans
- ✓ 1. Manipuri
- ✗ 2. Mohiniyattam
- ✗ 3. Sattriya
- ✗ 4. Kathakali

Question ID : **26433064289**
Status : **Answered**
Chosen Option : **1**

Q.17 Who among the following became the first fast bowler to take up captaincy of the Australian men's Test side full-time in November 2021?

Ans
- ✗ 1. Steve Smith
- ✗ 2. Nathan Lyon
- ✓ 3. Pat Cummins
- ✗ 4. Tim Paine

Question ID : **26433082845**
Status : **Answered**
Chosen Option : **3**

Q.18 Small scale units are differentiated from large scale units on the basis of:

Ans
- ✗ 1. the size of unit area
- ✗ 2. the volume of sales
- ✗ 3. the volume of output
- ✓ 4. the amount of investment

Question ID : **264330110172**
Status : **Answered**
Chosen Option : **4**

Q.19 Where did IISCO (Indian Iron and Steel Company) set up its first factory?

Ans
- ✓ 1. Hirapur
- ✗ 2. Roorkie
- ✗ 3. Jamshedpur
- ✗ 4. Bhilai

Question ID : **264330109491**
Status : **Answered**
Chosen Option : **4**

Q.20 The number of flights in a 110 m hurdle race is _____.

Ans

✗ 1. 8

✗ 2. 9

✓ 3. 10

✗ 4. 11

Question ID : **264330110379**
Status : **Answered**
Chosen Option : **3**

Q.21 Which of the following countries won the highest number of golds in Paralympic-2020?

Ans

✓ 1. China

✗ 2. Australia

✗ 3. The US

✗ 4. Great Britain

Question ID : **264330109678**
Status : **Answered**
Chosen Option : **3**

Q.22 Primarily under whose persuasion did Mahatma Gandhi visit Champaran to understand the problems of peasants?

Ans

✗ 1. Jaiprakash Narayan

✗ 2. Maulana Mazharul Haque

✗ 3. Vallabhbhai Patel

✓ 4. Rajkumar Shukla

Question ID : **264330106584**
Status : **Answered**
Chosen Option : **1**

Q.23 Which State Assembly passed a resolution to create a Legislative Council in 2021?

Ans

✗ 1. Maharashtra

✗ 2. Uttar Pradesh

✗ 3. Andhra Pradesh

✓ 4. West Bengal

Question ID : **26433074173**
Status : **Answered**
Chosen Option : **3**

Q.24 Which of the following is an example of revenue receipt of the government?

Ans

✗ 1. Receipts from sale of shares of public sector companies

✗ 2. Recovery of loans

✓ 3. GST collected by the government

✗ 4. Borrowings from public

Question ID : **264330109075**
Status : **Answered**
Chosen Option : **3**

Q.25 **He was a Delhi Sultan who started the practice of Sijada and Paibos in the court. Who was he?**

Ans
✗ 1. Firoz Shah Tughlaq
✓ 2. Ghiyasuddin Balban
✗ 3. Iltutmish
✗ 4. Ibrahim Lodhi

Question ID : **264330114829**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 **If a 7-storey building has a 28 m long shadow, the number of storeys of the building whose shadow is 48 m long is:**

Ans
✗ 1. 14
✗ 2. 24
✗ 3. 16
✓ 4. 12

Question ID : **264330103548**
Status : **Answered**
Chosen Option : **4**

Q.2 **10 women take 16 days to complete a work which can be completed by 6 men in 8 days. 12 men started working and after 2 days 6 men left, and 5 women joined them. In how many days will the work be completed?**

Ans
✗ 1. $\frac{3}{2}$
✗ 2. $\frac{16}{5}$
✗ 3. $\frac{5}{2}$
✓ 4. $\frac{26}{5}$

Question ID : **264330109149**
Status : **Answered**
Chosen Option : **4**

Q.3 **What is the present worth of ₹1,100 due in 2 years at 5% simple interest per annum?**

Ans
✗ 1. ₹3,000
✗ 2. ₹2,000
✓ 3. ₹1,000
✗ 4. ₹1,500

Question ID : **264330106078**
Status : **Answered**
Chosen Option : **3**

Q.4 If $\cos x + \sec x = \frac{7}{2\sqrt{3}}$, then the value of $\cos^2 x + \sec^2 x$ will be _____.

Ans
1. $\frac{15}{12}$
2. $\frac{10}{12}$
3. $\frac{25}{10}$
4. $\frac{25}{12}$

Question ID : **264330143551**
Status : **Answered**
Chosen Option : **4**

Q.5 Find the value of $\frac{\cos^2 15° - \sin^2 15°}{\cos^2 145° + \sin^2 145°}$

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

Question ID : **26433076314**
Status : **Answered**
Chosen Option : **3**

Q.6 **Find the area of an equilateral triangle whose sides are 16 cm each.**

Ans
1. $60\sqrt{3}\ cm^2$
2. $62\sqrt{3}\ cm^2$
3. $64\sqrt{3}\ cm^2$
4. $66\sqrt{3}\ cm^2$

Question ID : **26433074349**
Status : **Answered**
Chosen Option : **3**

Q.7 **When a number is divided by 45, the remainder is 21. What will be the remainder when the number is divided by 15?**

Ans
1. 6
2. 5
3. 3
4. 0

Question ID : **264330130901**
Status : **Answered**
Chosen Option : **1**

Q.8 If $\tan A = \frac{3}{8}$, then the value of $\frac{3\sin A + 2\cos A}{3\sin A - 2\cos A}$ is:

Ans
1. $-\frac{13}{25}$
2. $-\frac{25}{7}$
3. $\frac{25}{8}$
4. $\frac{13}{21}$

Question ID : **26433061099**
Status : **Answered**
Chosen Option : **2**

Q.9 **Rajdhani Express train of length 108 m is running at the speed of 128 km/h. Another train of length 148 m is standing at the station. In what time will the Rajdhani Express cross the other train?**

Ans
1. 8 seconds
2. 7.5 seconds
3. 9 seconds
4. 7.2 seconds

Question ID : **264330130015**
Status : **Answered**
Chosen Option : **4**

Q.10 The value of $\frac{2}{3} - \frac{5}{6} \times \frac{4}{5} \div \frac{4}{3} + \frac{1}{2}$ is:

Ans
1. $\frac{2}{3}$
2. $\frac{2}{5}$
3. $-\frac{11}{60}$
4. 0

Question ID : **264330143498**
Status : **Answered**
Chosen Option : **1**

Q.11 **tan 4384° + cot 6814° = ?**

Ans
1. −1
2. 2
3. 0
4. 1

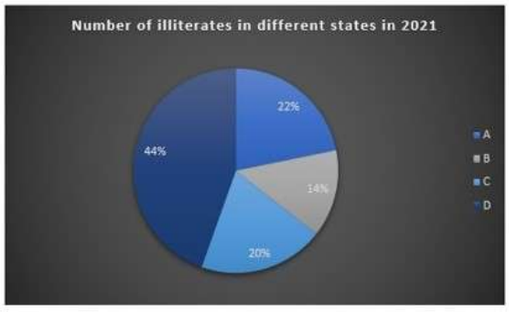
Question ID : **264330143539**
Status : **Answered**
Chosen Option : **3**

Q.12 The marked price of an article is 40% above its cost price. If its selling price is $73\frac{1}{2}\%$ of the marked price, then the percentage profit is:

Ans
✔ 1. 2.9%
✘ 2. 2.7%
✘ 3. 2.6%
✘ 4. 2.5%

Question ID : **264330103669**
Status : **Answered**
Chosen Option : **1**

Q.13 The following graph shows the number of illiterates in different states of a country in the year 2021.
Total illiterates in 4 states = 4,50,000



What is the percentage of the total number of illiterates in A, B and C to the illiterates in D in 2021?

Ans
✘ 1. 126.78%
✔ 2. 127.27%
✘ 3. 150.57%
✘ 4. 110.24%

Question ID : **264330130413**
Status : **Answered**
Chosen Option : **2**

Q.14 **In a triangle ABC, the three angles are x, y and y + 10. Also, 2x − 4y = 20°. Which type of triangle is ABC?**

Ans
✘ 1. Equilateral
✘ 2. Obtuse
✘ 3. Acute
✔ 4. Right-angled

Question ID : **264330130041**
Status : **Answered**
Chosen Option : **4**

Q.15 **X , Y and Z can complete a work in 5 days, 15 days and 30 days, respectively. In how days can the work be completed if X is assisted by Y and Z together, on every second day?**

Ans

✗ 1. 5 days

✓ 2. 4 days

✗ 3. 7 days

✗ 4. 6 days

Question ID : **264330106023**
Status : **Answered**
Chosen Option : **2**

Q.16 **Sita sold a whiteboard marker set at 10% profit. On selling it for Rs.20 more, she would have earned a profit of 15%. What is the cost price of the whiteboard marker set?**

Ans

✗ 1. Rs.300

✗ 2. Rs.350

✗ 3. Rs.450

✓ 4. Rs.400

Question ID : **26433082969**
Status : **Answered**
Chosen Option : **4**

Q.17 **Abraham can complete a work in 9 days, while Andrew can complete the same work in 6 days. In how many days can they complete the work if they work together?**

Ans

✗ 1. 2

✓ 2. $3\frac{3}{5}$

✗ 3. $2\frac{3}{5}$

✗ 4. 3

Question ID : **264330131473**
Status : **Answered**
Chosen Option : **2**

Q.18 **A cyclist rides 20 km in 120 minutes and rides another 25 km in 150 minutes. What is the average speed of the cyclist, in km/h?**

Ans

✗ 1. 15

✗ 2. 11

✓ 3. 10

✗ 4. 12.5

Question ID : **264330103306**
Status : **Answered**
Chosen Option : **3**

Q.19 If $(x+\frac{1}{x})=\sqrt{6}$, and $x>1$, what is the value of $(x^8-\frac{1}{x^8})$?

Ans

✗ 1. $120\sqrt{3}$

✗ 2. $128\sqrt{3}$

✓ 3. $112\sqrt{3}$

✗ 4. $108\sqrt{3}$

Question ID : **264330101366**
Status : **Answered**
Chosen Option : **3**

Q.20 **A father gives 8% of his monthly income to both his sons as pocket money. The elder son gets 85% of the total amount given to both the sons. He spend 90% of the amount and saves ₹17. What is the monthly income of father?**

Ans

✗ 1. ₹5,000

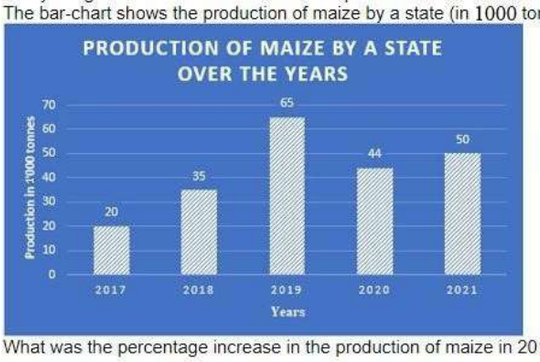
✗ 2. ₹4,500

✗ 3. ₹3,500

✓ 4. ₹2,500

Question ID : **264330126180**
Status : **Answered**
Chosen Option : **4**

Q.21 Study the given bar-chart and answer the question that follows.
The bar-chart shows the production of maize by a state (in 1000 tonnes) over the years.



What was the percentage increase in the production of maize in 2019 compared to that in 2017?

Ans

✗ 1. 220%

✓ 2. 225%

✗ 3. 230%

✗ 4. 200%

Question ID : **264330130423**
Status : **Answered**
Chosen Option : **2**

Q.22 **If the side of a cubical box is 12 cm, then find its total surface area.**

Ans

✗ 1. $952\ cm^2$

✓ 2. $864\ cm^2$

✗ 3. $664\ cm^2$

✗ 4. $792\ cm^2$

Question ID : **26433076125**
Status : **Answered**
Chosen Option : **2**

Q.23 If b = 5, determine the value of an expression $(\frac{5}{b} + 5b)(\frac{25}{b^2} - 25 + 25b^2)$ using an identity.

Ans

✗ 1. 25726

✓ 2. 15626

✗ 3. 15438

✗ 4. 25636

Question ID : **264330126618**
Status : **Answered**
Chosen Option : **2**

Q.24 If $(x - \frac{1}{x}) = 10$, what is the value of $(x^4 + \frac{1}{x^4})$?

Ans

✗ 1. 10404

✓ 2. 10402

✗ 3. 10406

✗ 4. 10400

Question ID : **264330114541**
Status : **Answered**
Chosen Option : **2**

Q.25 **A, B and C can finish a work in 15 days working alternately in the same order. The efficiency of A is the same as that of B, and the efficiency of C is equal to that of A. In how many days will the work be finished if they work alternately in the order C, A and B?**

Ans

✗ 1. 12

✗ 2. 14

✓ 3. 15

✗ 4. 16

Question ID : **264330120026**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 **Parts of the following sentence have been given as options. Select the option that contains an error.**

My mother is a honest and well known woman in the society.

Ans
✗ 1. in the society
✗ 2. My mother
✓ 3. is a honest
✗ 4. and well known woman

Question ID : **26433072530**
Status : **Answered**
Chosen Option : **3**

Q.2 **Sentences of a paragraph are given below. While the first and the last sentences (S1 and S6) are in the correct order, the sentences in between are jumbled up. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**

S1. A moment comes
A.long suppressed
B.and when the soul of a nation
C.which comes but rarely in history
D.when we step out from the old to the new, when an age ends
S6. finds utterance.

Ans
✗ 1. CBAD
✓ 2. CDBA
✗ 3. ABCD
✗ 4. DCBA

Question ID : **26433092122**
Status : **Answered**
Chosen Option : **2**

Q.3 **Identify the sentence that contains no spelling errors.**

Ans
✗ 1. Manisha got overwhelmed by the tremendus offer by a company to work in collaboration with internet personel.
✓ 2. Manisha got overwhelmed by the tremendous offer by a company to work in collaboration with internet personnel.
✗ 3. Manisha got overwellmed by the tremendous offer by a company to work in collaborasion with internet personnel.
✗ 4. Manisha got overwhelmed by the tremendous offer by a company to work in collaborasion with internet personnal.

Question ID : **26433088539**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the most appropriate meaning of the given idiom.**

In a soup

Ans
✗ 1. Extremely short of money
✗ 2. To exhibit cowardice
✗ 3. To get nothing
✓ 4. In trouble

Question ID : **26433087926**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the most appropriate ANTONYM of the underlined word.**
They <u>praised</u> her for her bravery.

Ans
✗ 1. Acclaimed
✓ 2. Rebuked
✗ 3. Defended
✗ 4. Assaulted

Question ID : **26433084670**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the most appropriate ANTONYM of the given word.**

Intentional

Ans
✗ 1. Cordial
✓ 2. Unplanned
✗ 3. Amiable
✗ 4. Inanimate

Question ID : **26433073990**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the most appropriate ANTONYM of the given word.**
Abandon

Ans
✗ 1. Quit
✗ 2. Surrender
✗ 3. Shorten
✓ 4. Continue

Question ID : **26433086326**
Status : **Answered**
Chosen Option : **4**

Q.8 **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 1995 World Summit for Social Development had also emphasised the pivotal role of women in eradicating poverty and mending the social fabric.
B.Women are rational in approach, careful in handling situations and want to do things as best as possible.
C.The Fourth World Conference of Women held in Beijing in September 1995 had emphasised that no enduring solution of society's most threatening social, economic and political problems could be found without the participation and empowerment of the women.
D.Today's woman is a highly self-directed person, alive to the sense of her dignity and the importance of her functions in the private domestic domain and the public domain of the world of work.

Ans
✗ 1. ABDC
✓ 2. DBCA
✗ 3. DBAC
✗ 4. BCAD

Question ID : **26433096956**
Status : **Answered**
Chosen Option : **2**

Q.9 **Select the most appropriate option that can substitute the underlined words in the given sentence.**
Being a practiced liar, it was totally normal for him to utter a complete and blatant lie.

Ans
✗ 1. blasphemy
✗ 2. whooper
✓ 3. falsehood
✗ 4. perjury

Question ID : **26433086506**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the option that contains a grammatical error in the underlined portion.**

He was always been a grumpy man so I never liked him and avoided his company.

Ans
✗ 1. He was always been a grumpy man, so I never liked him and avoided his company.
✓ 2. He was always been a grumpy man, so I never liked him and avoided his company.
✗ 3. He was always been a grumpy man, so I never liked him and avoided his company.
✗ 4. He was always been a grumpy man, so I never liked him and avoided his company.

Question ID : **26433088599**
Status : **Answered**
Chosen Option : **2**

Q.11 **Select the option that can be used as a one-word substitute for the given group of words.**

A person who does not drink alcohol.

Ans
✗ 1. Vegetarian
✗ 2. Celibate
✓ 3. Teetotaller
✗ 4. Abstain

Question ID : **26433087901**
Status : **Answered**
Chosen Option : **3**

Q.12 **Describe how you will tell your parents that Suraj is loved by Siva in active voice.**

Ans
✗ 1. Siva is been loving Suraj.
✗ 2. Suraj loved Siva.
✓ 3. Siva loves Suraj.
✗ 4. Siva were loving Suraj.

Question ID : **264330122776**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. Believe
✗ 2. Audible
✗ 3. Throat
✓ 4. Pronounciation

Question ID : **264330117198**
Status : **Answered**
Chosen Option : **4**

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

I <u>confronted</u> the journalist with the evidence.

Ans

✗ 1. Resisted

✓ 2. Avoided

✗ 3. Challenged

✗ 4. Encountered

Question ID : **26433087922**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the most appropriate idiom/phrase that can substitute the given group of words.**

The better you know someone the less you like him.

Ans

✗ 1. Save for a rainy day

✗ 2. Spill the beans

✗ 3. The elephant in the room

✓ 4. Familiarity breeds contempt

Question ID : **26433088780**
Status : **Answered**
Chosen Option : **4**

Q.16 **Select the most appropriate ANTONYM of the given word.**

Prohibition

Ans

✗ 1. Restriction

✗ 2. Inhibition

✗ 3. Direction

✓ 4. Permission

Question ID : **264330120607**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the option that expresses the given sentence in passive voice.**

The French had regarded the scholar as a usurper.

Ans

✗ 1. The scholar was being regarded as a usurper by the French.

✗ 2. The scholar has been regarded as a usurper by the French.

✗ 3. The scholar was regarded as a usurper by the French.

✓ 4. The scholar had been regarded as a usurper by the French.

Question ID : **264330141541**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate word segment for the underlined word in the given sentence.**
Pintu has been advised to <u>reduce</u> smoking by his family doctor.

Ans
✗ 1. lower down
✗ 2. up down
✗ 3. less down
✓ 4. cut down

Question ID : **26433093535**
Status : **Answered**
Chosen Option : **4**

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

Something belonging to or surviving from an earlier period

Ans
✗ 1. Vestige
✗ 2. Dinosaur
✗ 3. Ruin
✓ 4. Relic

Question ID : **26433084593**
Status : **Answered**
Chosen Option : **4**

Q.20 **Select the most appropriate synonym of the underlined word.**

The internationally agreed Declaration of the Small Island Developing States (SIDS) Accelerated Modalities of Action, the so-called S.A.M.O.A Pathway, recognises that SIDS remains a special case for <u>sustainable</u> development in view of their unique and particular vulnerabilities.

Ans
✗ 1. vast
✗ 2. unsuitable
✗ 3. rare
✓ 4. imperishable

Question ID : **26433090773**
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.

In the 19th century, there was an industrial revolution in Europe. As a result, millions of people left the (1) _____ and went to work in big factories in cities. Today, it is the reverse. In several major cities, people have started moving out. Why? They want a cleaner, (2) _____environment. There are fewer jobs in 'heavy' industries like steel and power generation. (3) _____, there are more jobs in service industries like banking, tourism and food delivery. Beside, modern transport and communications have made it easier for people to (4) _____to work or even work from home. The result of this revolution in the 21st century will be 'spread cities' – cities are growing fast, but (5) _____, away from city centres and people are choosing to live 40, 50 or 60 kilometres away.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

Ans

✗ 1. cities

✗ 2. colonies

✓ 3. villages

✗ 4. countries

Question ID : **264330137443**
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.

In the 19th century, there was an industrial revolution in Europe. As a result, millions of people left the (1) _____ and went to work in big factories in cities. Today, it is the reverse. In several major cities, people have started moving out. Why? They want a cleaner, (2) _____environment. There are fewer jobs in 'heavy' industries like steel and power generation. (3) _____, there are more jobs in service industries like banking, tourism and food delivery. Beside, modern transport and communications have made it easier for people to (4) _____to work or even work from home. The result of this revolution in the 21st century will be 'spread cities' – cities are growing fast, but (5) _____, away from city centres and people are choosing to live 40, 50 or 60 kilometres away.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

Ans

✓ 1. greener

✗ 2. worse

✗ 3. dark

✗ 4. higher

Question ID : **264330137444**
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.

In the 19th century, there was an industrial revolution in Europe. As a result, millions of people left the (1) _____ and went to work in big factories in cities. Today, it is the reverse. In several major cities, people have started moving out. Why? They want a cleaner, (2) _____environment. There are fewer jobs in 'heavy' industries like steel and power generation. (3) _____, there are more jobs in service industries like banking, tourism and food delivery. Beside, modern transport and communications have made it easier for people to (4) _____to work or even work from home. The result of this revolution in the 21st century will be 'spread cities' – cities are growing fast, but (5) _____, away from city centres and people are choosing to live 40, 50 or 60 kilometres away.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

Ans
- ✔ 1. Instead
- ✘ 2. Of course
- ✘ 3. Clearly
- ✘ 4. Nevertheless

Question ID : **264330137445**
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.

In the 19th century, there was an industrial revolution in Europe. As a result, millions of people left the (1) _____ and went to work in big factories in cities. Today, it is the reverse. In several major cities, people have started moving out. Why? They want a cleaner, (2) _____environment. There are fewer jobs in 'heavy' industries like steel and power generation. (3) _____, there are more jobs in service industries like banking, tourism and food delivery. Beside, modern transport and communications have made it easier for people to (4) _____to work or even work from home. The result of this revolution in the 21st century will be 'spread cities' – cities are growing fast, but (5) _____, away from city centres and people are choosing to live 40, 50 or 60 kilometres away.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

Ans
- ✔ 1. commute
- ✘ 2. compute
- ✘ 3. communicate
- ✘ 4. calculate

Question ID : **264330137446**
Status : **Answered**
Chosen Option : **1**

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SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

Ans

✗ 1. downward

✓ 2. outwards

✗ 3. upward

✗ 4. inward

Question ID : **264330137447**
Status : **Answered**
Chosen Option : **2**