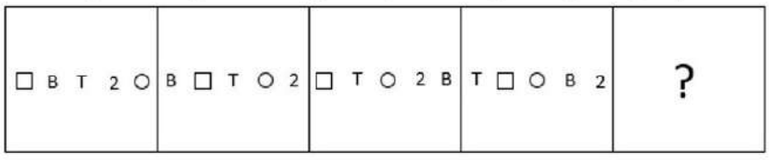
Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Exam Date	26/07/2023
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2023

Section : **General Intelligence and Reasoning**

Q.1 Select the figure from the options that can replace the question mark (?) and complete the given pattern.



Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **26433085789**
Status : **Answered**
Chosen Option : **4**

Q.2 **Which of the following numbers will replace the question mark (?) in the given series?**
8, 14, ? , 44, 68, 98, 134

Ans
✗ 1. 20
✗ 2. 28
✗ 3. 36
✓ 4. 26

Question ID : **26433090938**
Status : **Answered**
Chosen Option : **4**

Q.3 **Which two signs should be interchanged to make the given equation correct?**
13 × 6 + 24 ÷ 6 – 17 = 91

Ans
✗ 1. ÷ and +
✗ 2. + and ×
✗ 3. ÷ and ×
✓ 4. + and –

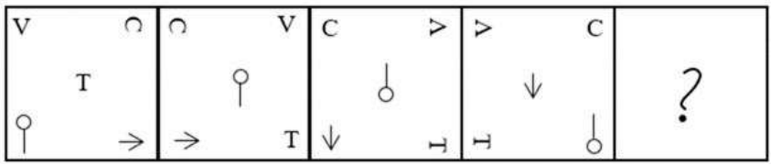
Question ID : **264330129776**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.**
5 : 127 :: 9 : ? :: 7 : 247

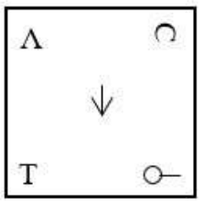
Ans
✗ 1. 470
✗ 2. 417
✓ 3. 407
✗ 4. 471

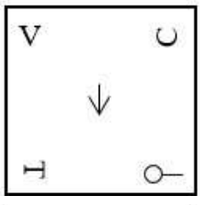
Question ID : **26433078947**
Status : **Not Answered**
Chosen Option : **--**

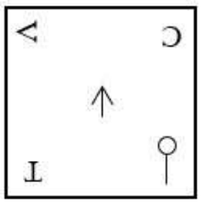
Q.5 Select the figure that will replace the question mark (?) in the following figure series.

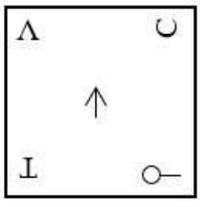


Ans

1. 

2. 

3. 

4. 

Question ID : **264330143832**
Status : **Answered**
Chosen Option : **4**

Q.6 **Which two numbers and two signs should be interchanged in the following equation to make it correct?**

4 + 2 ÷ 7 + 8 × 9 = 25

Ans

1. 4 and 9, + and ×
2. 4 and 7, ÷ and ×
3. 4 and 9, ÷ and ×
4. 4 and 7, + and ×

Question ID : **26433097216**
Status : **Answered**
Chosen Option : **3**

Q.7 **Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?**
ZXV, TRP, NLJ, HFD, ?

Ans
✔ 1. BZX
✘ 2. XZB
✘ 3. ZXB
✘ 4. BXZ

Question ID : **26433069533**
Status : **Answered**
Chosen Option : **1**

Q.8 **In a certain code language, 'BIND' is coded as '9214' and 'DRIB' is coded as '4109'. What is the code for 'N' in the given code language?**

Ans
✘ 1. 4
✔ 2. 2
✘ 3. 1
✘ 4. 9

Question ID : **264330126005**
Status : **Answered**
Chosen Option : **2**

Q.9 **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.)
X-Ray : Radiologist :: Skin : ?

Ans
✔ 1. Dermatologist
✘ 2. Radiologist
✘ 3. Physiotherapist
✘ 4. Ophthalmologist

Question ID : **26433087265**
Status : **Answered**
Chosen Option : **1**

Q.10 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/Subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(50, 60, 2000)
(20, 30, 200)

Ans
✘ 1. (31, 10, 48)
✔ 2. (21, 11, 11)
✘ 3. (80, 90, 6500)
✘ 4. (20, 10, 200)

Question ID : **26433089579**
Status : **Answered**
Chosen Option : **4**

Q.11 **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.**
3125 : 25 :: 1600 : 20 :: 675 : ?

Ans

✗ 1. 18

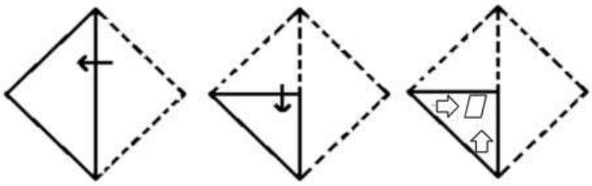
✗ 2. 10

✓ 3. 15

✗ 4. 20

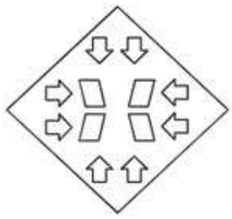
Question ID : **26433085816**
Status : **Answered**
Chosen Option : **1**

Q.12 A paper is folded and cut as shown below. How will it appear when unfolded?

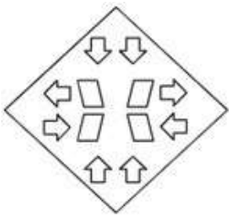


Ans

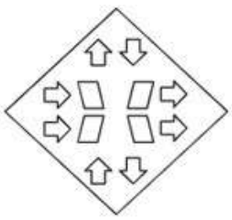
✓ 1.



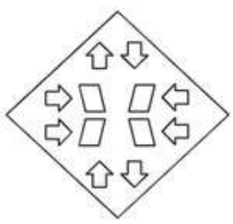
✗ 2.



✗ 3.



✗ 4.



Question ID : **26433080554**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.**
BUP_ESH_UPL_SHB_PLES_BU_LE_H

Ans
1. LBEHUSP
2. LBEUHPS
3. LBEUPSH
4. LBEPUSH

Question ID : **264330131036**
Status : **Answered**
Chosen Option : **2**

Q.14 **Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words.**
(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)
Horse : Foal

Ans
1. Dog : Mouse
2. Hen : Rooster
3. Cat : Kitten
4. Sheep : Pup

Question ID : **264330103774**
Status : **Answered**
Chosen Option : **2**

Q.15 **In a certain code language, 'TELEVISION' is written as 'UDMDWKQKMP' and 'PUNISHMENT' is written as 'QTOHTJKGLV'. How will 'HELICOPTER' be written in that language?**

Ans
1. IDMHDQCVNT
2. IDMHQDVNCT
3. IDMHDQNVCT
4. IDMHDQVCNT

Question ID : **26433070271**
Status : **Answered**
Chosen Option : **3**

Q.16 **Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.**
DGJM
NQTW
TWZC
HIJK

Ans
1. TWZC
2. NQTW
3. HIJK
4. DGJM

Question ID : **26433092606**
Status : **Answered**
Chosen Option : **3**

Q.17 **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 seeds are fruits.
Some fruits are jams.
All jams are desserts.

Conclusions:
I. Some jams are seeds.
II. Some desserts are jams.
III. Some fruits are desserts.

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

Question ID : **26433090919**
Status : **Answered**
Chosen Option : **2**

Q.18 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1. Circulate
2. Circuit
3. Citrus
4. Cinnamon
5. Circular
6. Citizen

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

Question ID : **264330132158**
Status : **Answered**
Chosen Option : **4**

Q.19 **The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.**

Ans
✗ 1. (7, 252)
✓ 2. (6, 216)
✗ 3. (8, 392)
✗ 4. (5, 80)

Question ID : **264330143683**
Status : **Answered**
Chosen Option : **3**

Q.20 **Mishka says she is looking for the only child of her brother's maternal grandmother. Who is she looking for?**

Ans
✗ 1. Paternal grandmother
✓ 2. Mother
✗ 3. Son
✗ 4. Mishka herself

Question ID : **264330118663**
Status : **Answered**
Chosen Option : **2**

Q.21 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three different positions of the same dice are shown below. Find the number on the face opposite to the one showing '4'.

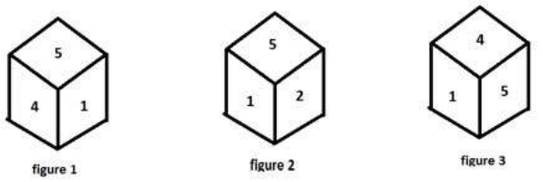
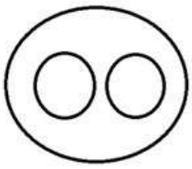


figure 1 figure 2 figure 3

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

Question ID : **264330100897**
Status : **Answered**
Chosen Option : **2**

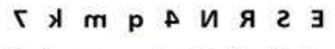
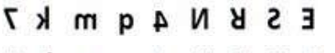
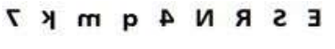
Q.22 Select the set of classes the relationship among which is best illustrated by the Venn diagram given below.



Ans
- ✗ 1. Shoes, Watches, Goggles
- ✗ 2. Spectacles, Pens, Diaries
- ✓ 3. Reptiles, Snakes, Lizards
- ✗ 4. Daughter, Son, Brother

Question ID : **26433090915**
Status : **Answered**
Chosen Option : **3**

Q.23 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

Ans
- ✓ 1. 
- ✗ 2. 
- ✗ 3.
- ✗ 4. 

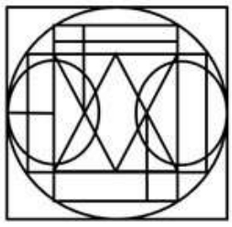
Question ID : **26433096030**
Status : **Answered**
Chosen Option : **1**

Q.24 **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.)
(3, 10, 26)
(4, 17, 42)

Ans
✗ 1. (7, 50, 141)
✗ 2. (8, 64, 154)
✓ 3. (6, 37, 86)
✗ 4. (5, 26, 64)

Question ID : **26433079018**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Select the option figure which is embedded in the given figure (Rotation is NOT allowed).**



Ans
✗ 1.
✓ 2.
✗ 3.
✗ 4.

Question ID : **26433097444**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 **Part 3 of the Indian Constitution enlists how many groups of Fundamental Rights?**

Ans
✗ 1. 4
✓ 2. 6
✗ 3. 7
✗ 4. 5

Question ID : **26433071525**
Status : **Answered**
Chosen Option : **4**

Q.2 **What was the prime target of the first five-year plan of India?**

Ans
✔ 1. Development of agriculture
✘ 2. Development of industries
✘ 3. Development of ports
✘ 4. Development of infrastructure

Question ID : **264330110167**
Status : **Answered**
Chosen Option : **1**

Q.3 **Which of the following is the largest lake in India?**

Ans
✘ 1. Shivaji Sagar Lake
✘ 2. Indira Sagar lake
✘ 3. Chilika Lake
✔ 4. Vembanad Lake

Question ID : **264330109951**
Status : **Answered**
Chosen Option : **3**

Q.4 **Indian Olympic Association (IOA) was formed in the year _____.**

Ans
✘ 1. 1926
✘ 2. 1930
✔ 3. 1927
✘ 4. 1929

Question ID : **264330110349**
Status : **Answered**
Chosen Option : **1**

Q.5 **Which of the following statements is FALSE?**

Ans
✘ 1. Histidine is an essential alpha amino acid and works towards growth and tissue repair.
✘ 2. Histidine plays an important role in growth, repair of damaged tissues and making of blood cells.
✔ 3. Valine is a non-essential amino acid, and it is synthesised in the human body.
✘ 4. Lysine plays an important role in normal growth and muscle turnover.

Question ID : **264330109923**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **The first Paralympic games were held in:**

Ans
✘ 1. Sydney
✔ 2. Rome
✘ 3. Tokyo
✘ 4. Beijing

Question ID : **264330109682**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Which of the following is NOT one of the scheduled public sector banks in India?**

Ans
- ✗ 1. Canara Bank
- ✗ 2. UCO Bank
- ✗ 3. Indian Overseas Bank
- ✓ 4. Bandhan Bank

Question ID : **264330109369**
Status : **Answered**
Chosen Option : **4**

Q.8 **When was a comprehensive despatch on education called Wood's despatch on education sent?**

Ans
- ✗ 1. 1833
- ✓ 2. 1854
- ✗ 3. 1858
- ✗ 4. 1813

Question ID : **264330112155**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **In September 2021,the Pension Fund Regulatory and Development Authority (PFRDA) increased the entry age for the National Pension System (NPS) from_____ to _____.**

Ans
- ✗ 1. 60 years; 65 years
- ✓ 2. 65 years; 70 years
- ✗ 3. 62 years; 65 years
- ✗ 4. 62 years; 70 years

Question ID : **26433081878**
Status : **Answered**
Chosen Option : **1**

Q.10 **Which was the first petrochemical company in India?**

Ans
- ✓ 1. Indian Petrochemicals Corporation Limited
- ✗ 2. Gas Authority of India Limited
- ✗ 3. Haldia Petrochemicals Limited
- ✗ 4. National Organic Chemical Industry Limited

Question ID : **264330110644**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **In January 2023, Union Minister of Education and Skill Development and Entrepreneurship Dharmendra Pradhan along with Minister for Railways, Communications, Electronics & Information Technology, Ashwini Vaishnaw successfully tested 'BharOS', a made-in-India mobile operating system developed by _____.**

Ans
- ✗ 1. IIT Kanpur
- ✓ 2. IIT Madras
- ✗ 3. IIT Mumbai
- ✗ 4. IIT Kharagpur

Question ID : **264330132591**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Padma Bhushan awardee, Alarmel Velli, who is renowned for Bharatanatyam, is also an exponent of which of the following dance forms?**

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

Question ID : **26433055432**
Status : **Not Answered**
Chosen Option : **--**

Q.13 **In 1808, whose work provided a physical picture of how compounds are formed by the combination of two or more different types of atoms?**

Ans
- ✘ 1. George Zweig
- ✘ 2. Joseph J Thomson
- ✘ 3. Niels Bohr
- ✔ 4. John Dalton

Question ID : **264330110051**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **Which of the following can make provisions for Ancillary powers of the Supreme Court?**

Ans
- ✘ 1. President of India
- ✘ 2. Law Commission of India
- ✘ 3. Minister of Law & Justice
- ✔ 4. Parliament of India

Question ID : **264330133078**
Status : **Answered**
Chosen Option : **4**

Q.15 **Aruna Sairam, T M Krishna and Gayathri Girish are associated with which form of music?**

Ans
- ✔ 1. Carnatic Music
- ✘ 2. Jazz Music
- ✘ 3. Pop Music
- ✘ 4. Hindustani Classical Music

Question ID : **264330130508**
Status : **Answered**
Chosen Option : **1**

Q.16 **Which edition of India International Trade Fair (IITF) took place in the year 2021?**

Ans
- ✔ 1. 40th
- ✘ 2. 39th
- ✘ 3. 38th
- ✘ 4. 41st

Question ID : **264330114472**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **Kathak is found in three distinct forms, called 'gharanas', named after the cities where the Kathak dance tradition evolved. Name those three cities.**

Ans

✔ 1. Jaipur, Benaras, Lucknow

✘ 2. Prayagraj, Thiruvananthpuram, Surat

✘ 3. Ayodhya, Prayagraj, Jaipur

✘ 4. Banaras, Ayodhya, Lucknow

Question ID : **264330109266**
Status : **Answered**
Chosen Option : **1**

Q.18 **In 2021,which financial institution entered into a collaboration with Google India Pvt Ltd (GIPL) for piloting a social impact lending programme with financial assistance up to ₹1 crore at subsidised interest rates?**

Ans

✘ 1. IFCI

✘ 2. NABARD

✘ 3. IIFCL

✔ 4. SIDBI

Question ID : **26433081872**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **In a particular trophi level, how is the standing crop measured?**

Ans

✔ 1. As biomass

✘ 2. As gross productivity

✘ 3. As net productivity

✘ 4. As pyramid of energy

Question ID : **26433087876**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **In the early nineteenth century, who demonstrated that there are fourteen space lattices, or regularly repeating arrangements of points in space, that differ in symmetry and geometry?**

Ans

✔ 1. Auguste Bravais

✘ 2. William Bragg

✘ 3. Jerome Karle

✘ 4. Charles Frank

Question ID : **264330141690**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Aner, Panzara and Waghur are the tributaries of which river?**

Ans

✘ 1. Kaveri

✘ 2. Mahanadi

✔ 3. Tapi

✘ 4. Godavari

Question ID : **264330111334**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **Karsondas Mulji and Dadoba Pandurang were associated with _____, which worked against evils like caste system and encouraged widow remarriage.**

Ans
- ✔ 1. Paramahansa Mandali
- ✘ 2. Arya samaj
- ✘ 3. Brahmo Samaj
- ✘ 4. Ramkrishna Mission

Question ID : **264330141529**
Status : **Answered**
Chosen Option : **1**

Q.23 **The main (chief) social unit of the Aryans was _____.**

Ans
- ✘ 1. Rajan
- ✘ 2. Parishad
- ✘ 3. Gana
- ✔ 4. Jana

Question ID : **264330114805**
Status : **Answered**
Chosen Option : **1**

Q.24 **Who among the following was the founder of the Bahmani Sultanate, who took the title of Bahman Shah after his accession to the throne?**

Ans
- ✘ 1. Muhammad Shah
- ✘ 2. Ghiyas ud din Tahmatan Shah
- ✘ 3. Daud Shah
- ✔ 4. Alauddin Hasan

Question ID : **264330113571**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Match the columns (As per Census 2011).

States	Demographic characteristics
1. Kerala	a. Highest sex ratio
2. Haryana	b. Lowest sex ratio
3. Goa	c. Highest percentage share of urban population

Ans
- ✔ 1. 1-a, 2-b, 3-c
- ✘ 2. 1-b, 2-a, 3-c
- ✘ 3. 1-a, 2-c, 3-b
- ✘ 4. 1-c, 2-b, 3-a

Question ID : **264330132738**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 **A vessel is filled with liquid, 5 parts of which are water and 11 parts syrup. What part of the mixture must be drawn off and replaced with water so that the mixture may be syrup and water in the ratio 3 : 2?**

Ans

✗ 1. $\frac{14}{45}$

✗ 2. $\frac{27}{35}$

✗ 3. $\frac{36}{65}$

✓ 4. $\frac{7}{55}$

Question ID : **264330103693**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **There are two circles that touch each other externally. Radius of the first circle with centre O is 12 cm. Radius of the second circle with centre A is 8 cm. Find the length of their common tangent BC.**

Ans

✗ 1. $6\sqrt{6}$ cm

✗ 2. $8\sqrt{3}$ cm

✗ 3. $8\sqrt{2}$ cm

✓ 4. $8\sqrt{6}$ cm

Question ID : **264330143580**
Status : **Answered**
Chosen Option : **4**

Q.3 In ΔABC, DE $\parallel$ BC and $\frac{AD}{DB} = \frac{4}{5}$. If DE= 12 cm, find the length of BC.

Ans

✗ 1. 48 cm

✗ 2. 12 cm

✗ 3. 30 cm

✓ 4. 27 cm

Question ID : **26433061750**
Status : **Answered**
Chosen Option : **4**

Q.4 If $x^2 - 8x - 1 = 0$, what is the value of $x^2 + \frac{1}{x^2}$?

Ans

✗ 1. 68

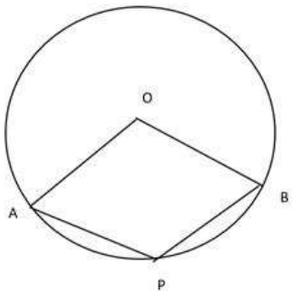
✗ 2. 62

✗ 3. 64

✓ 4. 66

Question ID : **264330114543**
Status : **Answered**
Chosen Option : **4**

Q.5 In the given figure, O is the centre of the circle and $\angle AOB = 130°$. Find $\angle APB$.



Ans
✗ 1. 110°
✓ 2. 115°
✗ 3. 100°
✗ 4. 95°

Question ID : **264330122104**
Status : **Answered**
Chosen Option : **2**

Q.6 **A four-digits number abba is divisible by 4 and a<b. How many such numbers are there?**

Ans
✗ 1. 10
✓ 2. 8
✗ 3. 12
✗ 4. 6

Question ID : **264330130163**
Status : **Not Answered**
Chosen Option : **--**

Q.7 If $(x^2 + \frac{1}{x^2}) = 6$, and $0 < x < 1$, what is the value of $x^4 - \frac{1}{x^4}$?

Ans
✗ 1. $24\sqrt{2}$
✓ 2. $-24\sqrt{2}$
✗ 3. $-12\sqrt{10}$
✗ 4. $12\sqrt{10}$

Question ID : **264330101374**
Status : **Answered**
Chosen Option : **1**

Q.8 **A boat goes 20 km upstream and 44 km downstream in 8 hours. In 5 hours, it goes 15 km upstream and 22 km downstream. Determine the speed of the boat in still water.**

Ans
✗ 1. 6 km/h
✗ 2. 10 km/h
✓ 3. 8 km/h
✗ 4. 7 km/h

Question ID : **264330130118**
Status : **Answered**
Chosen Option : **3**

Q.9 **4 men's work is equal to 6 women's work, and 4 women's work is equal to 6 boys' work. A boy can finish the work in 60 days. In how many days can the work be finished by a man and a woman together?**

Ans
- ✔ 1. 16
- ✘ 2. 24
- ✘ 3. 20
- ✘ 4. 12

Question ID : **264330117933**
Status : **Answered**
Chosen Option : **1**

Q.10 **A policeman saw a thief at a distance of 400 m. The thief started running at a speed of 10 km/h and the policeman chased him at a speed of 12 km/h in the same direction. At what distance from the starting point will the policeman catch the thief?**

Ans
- ✔ 1. 2.4 km
- ✘ 2. 3 km
- ✘ 3. 2 km
- ✘ 4. 2.8 km

Question ID : **26433091565**
Status : **Answered**
Chosen Option : **1**

Q.11 **A group of men decided to do a job in 11 days but 16 men left the work after each day. The work, as a result, got completed in 15 days. How many men were there initially in the group?**

Ans
- ✘ 1. 400
- ✘ 2. 480
- ✔ 3. 420
- ✘ 4. 450

Question ID : **264330114304**
Status : **Not Answered**
Chosen Option : **--**

Q.12 If $\cos A + cos^2 A = 1$, then the value of $sin^4 A + sin^6 A$ is:

Ans
- ✘ 1. 2
- ✔ 2. cos A
- ✘ 3. 1
- ✘ 4. sin A

Question ID : **264330143586**
Status : **Answered**
Chosen Option : **2**

Q.13 **Which of the following sets of lengths (in cm) will give three sides of an obtuse-angled triangle?**

Ans
- ✔ 1. 15, 62, 64
- ✘ 2. 17, 64, 66
- ✘ 3. 16, 63, 65
- ✘ 4. 18, 65, 67

Question ID : **264330143537**
Status : **Not Answered**
Chosen Option : **--**

Q.14 If the slant height of a cone is 60 cm and the radius of its base is 21 cm, then find its curved surface area.

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

Ans

✗ 1. 3880 cm^2

✗ 2. 3820 cm^2

✓ 3. 3960 cm^2

✗ 4. 4020 cm^2

Question ID : **26433082787**
Status : **Answered**
Chosen Option : **3**

Q.15 **Find the value of the given expression.**
1755 ÷ 39 × (8 − 28 ÷ 4) − 2

Ans

✗ 1. −315

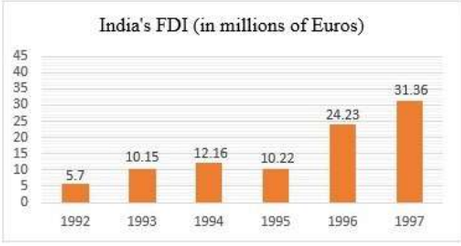
✗ 2. −45

✗ 3. 270

✓ 4. 43

Question ID : **264330143506**
Status : **Answered**
Chosen Option : **4**

Q.16 The following bar chart shows the trends of foreign direct investment (FDI) into India from all over the world.



What was the average of India's FDI over the years 1992-1995 (rounded off to the nearest integer)?

Ans

✗ 1. 7

✗ 2. 8

✓ 3. 10

✗ 4. 9

Question ID : **264330122574**
Status : **Answered**
Chosen Option : **3**

Q.17 **The value of cosec 30° − cos 60° is:**

Ans

✗ 1. 1

✗ 2. $\frac{1}{2}$

✓ 3. $\frac{3}{2}$

✗ 4. $\frac{2\sqrt{2}-1}{\sqrt{2}}$

Question ID : **264330130045**
Status : **Answered**
Chosen Option : **3**

Q.18 **A thief steals an item and escapes, running at 20 km/h. A policeman arrives at the spot of the crime after 6 minutes and immediately starts chasing the thief. 24 minutes after the policeman started to chase the thief, there is still a gap of 400 m between the two. At what distance from the spot of crime would the policeman catch up with the thief, and what is the speed at which the policeman ran?**

Ans

✗ 1. 15 km; 25 km/h

✗ 2. 14.4 km; 24 km/h

✗ 3. 10 km; 25 km/h

✓ 4. 12 km; 24 km/h

Question ID : **264330143457**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.19 **A shopkeeper sells his goods by allowing 18% discount and still earns 30% profit. If he sells his goods by allowing 12% discount on the marked price, then what will be his profit percentage (correct to 2 decimal places)?**

Ans

✗ 1. 42.62%

✗ 2. 35.45%

✗ 3. 40.35%

✓ 4. 39.51%

Question ID : **264330103536**
Status : **Answered**
Chosen Option : **4**

Q.20 **Which of the following is the least?**
12% of 625
15% of 555
10% of 720
9% of 845

Ans

✗ 1. 9% of 845

✗ 2. 12% of 625

✓ 3. 10% of 720

✗ 4. 15% of 555

Question ID : **264330103724**
Status : **Answered**
Chosen Option : **3**

Q.21 **Ravi initially used to save 20% of his monthly income. Recently his monthly income was raised by 25%. His nominal savings also went up by 5%. What percentage of his present nominal income does Ravi currently save?**

Ans

✗ 1. 25%

✗ 2. 20%

✗ 3. 15%

✓ 4. 16.8%

Question ID : **264330103254**
Status : **Answered**
Chosen Option : **2**

Q.22 **The following table shows the percentage of population of five states below poverty line and the proportion of males and females below and above poverty line.**

State	Percentage of Population Below Poverty Line	Proportion of Males and Females	
		Below Poverty Line	Above Poverty Line
		Males : Females	Males : Females
A	25%	7 : 3	1 : 5
B	13%	8 : 5	1 : 7
C	26%	9 : 4	2 : 11
D	11%	4 : 3	13 : 4
E	17%	5 : 9	3 : 2

If the population of State B and State C is 6,000 each, then what is the total number of females below poverty line in these two states?

Ans

✗ 1. 720

✓ 2. 780

✗ 3. 740

✗ 4. 750

Question ID : **264330131534**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **R's weighing machine shows 400 gm when the actual weight is 350 gm. The cost price of almonds is ₹880 per kg and packets of 200 gm are made using the faulty machine. What should be the selling price (in ₹) of each packet to get a profit of 25%?**

Ans

✗ 1. 197.50

✗ 2. 175.50

✗ 3. 182.50

✓ 4. 192.50

Question ID : **26433085446**
Status : **Not Answered**
Chosen Option : **--**

Q.24 If $x = \frac{1}{x-3}, (x > 0)$, then the value of $x + \frac{1}{x}$ is:

Ans
✗ 1. $\sqrt{11}$
✗ 2. $\sqrt{17}$
✗ 3. $\sqrt{15}$
✓ 4. $\sqrt{13}$

Question ID : **264330126229**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **At what rate percent per annum simple interest, a sum of money triples itself in 16 years?**

Ans
✗ 1. 11.5%
✗ 2. 11%
✗ 3. 12%
✓ 4. 12.5%

Question ID : **264330104193**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 **Select the option that contains a grammatical error in the underlined portion.**

When Mrs. Sinha came to see Varanasi in 2019, Nupur has already been teaching there for five years.

Ans
✗ 1. When Mrs. Sinha came to see Varanasi in 2019, Nupur has already been teaching there for five years.
✗ 2. When Mrs. Sinha came to see Varanasi in 2019, Nupur has already been teaching there for five years.
✗ 3. When Mrs. Sinha came to see Varanasi in 2019, Nupur has already been teaching there for five years.
✓ 4. When Mrs. Sinha came to see Varanasi in 2019, Nupur has already been teaching there for five years.

Question ID : **26433088601**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate idiomatic expression to fill in the blank.**

Anita keeps on repeating that she is innocent, but there is _____.

Ans
✓ 1. no smoke without fire
✗ 2. no pulling up of the socks
✗ 3. no rubbing of the shoulders
✗ 4. no love lost between

Question ID : **26433092081**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the option that expresses the given sentence in active voice.**
Those four pages were torn by Jack.

Ans
1. Jack tears those four pages.
2. Jack tore those four pages.
3. Jack tear these four pages.
4. Jack tore these four pages.

Question ID : **264330141135**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the most appropriate ANTONYM of the underlined word.**
We lived a very frugal life during our childhood.

Ans
1. Reckless
2. Weary
3. Severe
4. Extravagant

Question ID : **26433073364**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the option that can be used as a one-word substitute for the given group of words.**
Which cannot be read.

Ans
1. Illiterate
2. Inaudible
3. Invisible
4. Illegible

Question ID : **26433086368**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the INCORRECTLY spelt word.**

Ans
1. Prefferance
2. Preservation
3. Preponderance
4. Perseverance

Question ID : **26433099123**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the most appropriate ANTONYM of the underlined word to fill in the blank.**
While most friends persuaded him to choose the career, there were a few who _____ him from doing so.

Ans
1. evaded
2. bombarded
3. dissuaded
4. situated

Question ID : **26433097022**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the most appropriate option to fill in the blank.**

Shakuntala Devi was born on 4th November 1929. In her childhood she _____to school.

Ans
✗ 1. never gone
✗ 2. went never
✓ 3. had never been
✗ 4. ever been

Question ID : **26433072717**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the sentence that contains no spelling errors.**

Ans
✗ 1. The childrens playing in the kindergarden allmost broke the window of the principal's car.
✓ 2. The children playing in the kindergarten almost broke the window of the principal's car.
✗ 3. The childrens playing in the kindergarten almost broke the window of the principal's car.
✗ 4. The children playing in the kindergarden allmost broke the window of the principle's car.

Question ID : **26433089821**
Status : **Answered**
Chosen Option : **2**

Q.10 **Parts of the following sentence have been given as options. Select the option that contains an error.**

She is in an hurry to meet her brother.

Ans
✗ 1. to meet
✗ 2. She is in
✗ 3. her brother
✓ 4. an hurry

Question ID : **26433072529**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the most appropriate option to fill in the blanks.**
Soon after the doctor gave her the next _____ of the medicine, the patient began to _____.

Ans
✗ 1. dose, dozed
✗ 2. dosed, doze
✓ 3. dose, doze
✗ 4. doze, dose

Question ID : **264330101449**
Status : **Answered**
Chosen Option : **3**

Q.12 **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. In Catholic, Eastern Orthodox, Anglican, Oriental Orthodox and Lutheran teaching, all of their faithful departed in heaven are considered saints, although some are deemed deserving of more praise or emulation.
B. In religious belief, a saint is a person who is viewed as possessing an uncommon degree of holiness, similarity, or proximity to God.
C. The term saint, however, is used differently depending on the setting and denomination.
D. Some saints receive official ecclesiastical recognition and, as a result, a public cult of veneration through the process of canonisation in the Catholic Church or glorification in the Eastern Orthodox Church.

Ans
✔ 1. BCAD
✘ 2. BCDA
✘ 3. CBDA
✘ 4. BDAC

Question ID : **26433093054**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the most appropriate synonym of the highlighted word in the given sentence.**

A strong man is a mediator between divine and mortal fate.

Ans
✘ 1. Delightful
✘ 2. Sincere
✘ 3. Overjoyed
✔ 4. Lethal

Question ID : **264330108889**
Status : **Answered**
Chosen Option : **4**

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

One may accomplish many things by a little effort.

Ans
✘ 1. Qualify
✘ 2. Retain
✘ 3. Execute
✔ 4. Miss

Question ID : **26433073871**
Status : **Answered**
Chosen Option : **4**

Q.15 **Select the option that expresses the given sentence in passive voice.**
The farmers are harvesting the crops.

Ans
✘ 1. The crops are harvested by farmers.
✘ 2. The crops have been harvested by the farmers.
✘ 3. The crops are been harvested by the farmers.
✔ 4. The crops are being harvested by the farmers.

Question ID : **264330120994**
Status : **Answered**
Chosen Option : **4**

Q.16 **Select the most appropriate option to substitute the underlined segment in the given sentence.**
There is a charm <u>on the midnight air</u> which all cannot experience.

Ans
✗ 1. over the midnight air
✗ 2. around the midnight air
✓ 3. in the midnight air
✗ 4. under the midnight air

Question ID : **26433085584**
Status : **Answered**
Chosen Option : **3**

Q.17 **Select the most appropriate ANTONYM of the underlined word.**
The professor's lectures are very conventional and so <u>tedious</u>.

Ans
✓ 1. Interesting
✗ 2. Informative
✗ 3. Idle
✗ 4. Boring

Question ID : **264330135963**
Status : **Answered**
Chosen Option : **3**

Q.18 **Select the option that can substitute the underlined segment with the correct idiom.**
After finishing this assignment, the employees <u>make it a day</u>.

Ans
✓ 1. call it a day
✗ 2. consider it a day
✗ 3. stop it a day
✗ 4. ring it a day

Question ID : **264330135967**
Status : **Answered**
Chosen Option : **1**

Q.19 **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. Android began in 2003 as a project of the American technology company Android Inc., to develop an operating system for digital cameras.
B. In 2004, the project changed to become an operating system for smartphones.
C. Android is an operating system for cellular telephones and tablet computers.
D. In 2005, Android Inc. was bought by the American search engine company Google Inc. that transformed the OS into what it is today.

Ans
✓ 1. CABD
✗ 2. ABDC
✗ 3. DCAB
✗ 4. BADC

Question ID : **26433098956**
Status : **Answered**
Chosen Option : **1**

Q.20 **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. India has an upbeat vision of a liberal, nonviolent, relatively pluralistic democracy with non-threatening global leadership.
B. Epics from mythologies like the Mahabharata and Ramayana are likened to classic Greek works like the Odyssey and Iliad and between 1 and 1000 AD, India was lauded as the 'Golden Bird' for its GDP, which was higher than China at the time.
C. Luminaries like Mahatma Gandhi and Rabindranath Tagore, as well as the arts of literature, music, dance, the software industry, Ayurveda, etc., generate a staggering array of soft power assets that highlight India's appeal to the world's population.
D. With Ashoka, Buddha, and Gandhi serving as the primary leaders, Indians are known for their core values of respect, harmony, and fraternity.

Ans
✔ 1. ACDB
✘ 2. CBAD
✘ 3. ABDC
✘ 4. BCDA

Question ID : **264330117139**
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.
We know infinitely (1)_____ about the wealthy people of Egypt than we do about the ordinary people, as most monuments were made for the rich. Houses in which ordinary Egyptian lived have not been preserved, and when most people died they were (2)_____ in simple graves. Most of our traditional sources of information (3)_____ the Old Kingdom are monuments of the rich (4)_____ pyramids and tombs. Even papyri come mainly from pyramid temples. (5) _____ this does not mean that death was the Egyptians' only preoccupation.

SubQuestion No : 21

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

Ans
✔ 1. more
✘ 2. most
✘ 3. much
✘ 4. many

Question ID : **264330139366**
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.
We know infinitely (1)_____ about the wealthy people of Egypt than we do about the ordinary people, as most monuments were made for the rich. Houses in which ordinary Egyptian lived have not been preserved, and when most people died they were (2)_____ in simple graves. Most of our traditional sources of information (3)_____ the Old Kingdom are monuments of the rich (4)_____ pyramids and tombs. Even papyri come mainly from pyramid temples. (5) _____ this does not mean that death was the Egyptians' only preoccupation.

SubQuestion No : 22

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

Ans
✘ 1. buries
✔ 2. buried
✘ 3. burying
✘ 4. bury

Question ID : **264330139367**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
We know infinitely (1)_____ about the wealthy people of Egypt than we do about the ordinary people, as most monuments were made for the rich. Houses in which ordinary Egyptian lived have not been preserved, and when most people died they were (2)_____ in simple graves. Most of our traditional sources of information (3)_____ the Old Kingdom are monuments of the rich (4)_____ pyramids and tombs. Even papyri come mainly from pyramid temples. (5) _____ this does not mean that death was the Egyptians' only preoccupation.

SubQuestion No : 23

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

Ans
✗ 1. on
✗ 2. off
✓ 3. about
✗ 4. at

Question ID : **264330139368**
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.
We know infinitely (1)_____ about the wealthy people of Egypt than we do about the ordinary people, as most monuments were made for the rich. Houses in which ordinary Egyptian lived have not been preserved, and when most people died they were (2)_____ in simple graves. Most of our traditional sources of information (3)_____ the Old Kingdom are monuments of the rich (4)_____ pyramids and tombs. Even papyri come mainly from pyramid temples. (5) _____ this does not mean that death was the Egyptians' only preoccupation.

SubQuestion No : 24

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

Ans
✓ 1. like
✗ 2. thus
✗ 3. such
✗ 4. as

Question ID : **264330139369**
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.
We know infinitely (1)_____ about the wealthy people of Egypt than we do about the ordinary people, as most monuments were made for the rich. Houses in which ordinary Egyptian lived have not been preserved, and when most people died they were (2)_____ in simple graves. Most of our traditional sources of information (3)_____ the Old Kingdom are monuments of the rich (4)_____ pyramids and tombs. Even papyri come mainly from pyramid temples. (5) _____ this does not mean that death was the Egyptians' only preoccupation.

SubQuestion No : 25

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

Ans
✗ 1. Moreover
✗ 2. Then
✓ 3. But
✗ 4. Yet

Question ID : **264330139370**
Status : **Answered**
Chosen Option : **3**