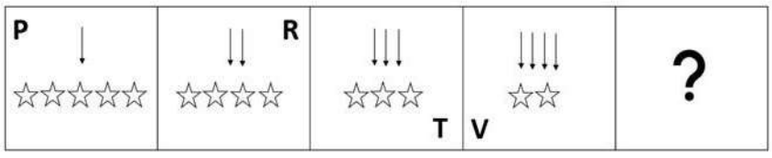
Combined Graduate level Examination 2023 Tier I

Roll Number	
Candidate Name	
Exam Date	27/07/2023
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2023

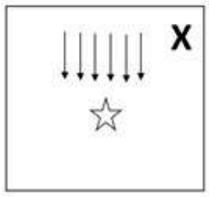
Section : **General Intelligence and Reasoning**

Q.1 **Select the figure that will come in place of the question mark (?) in the following figure series.**

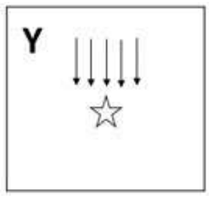


Ans

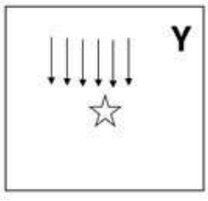
✗ 1.



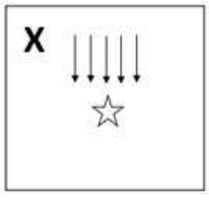
✗ 2.



✗ 3.



✓ 4.



Question ID : **26433076559**
Status : **Answered**
Chosen Option : **4**

Q.2 **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.)

(3, 6, 54)
(4, 2, 24)

Ans
✗ 1. (9, 6, 60)
✗ 2. (5, 3, 30)
✓ 3. (3, 4, 36)
✗ 4. (2, 6, 48)

Question ID : **264330131289**
Status : **Answered**
Chosen Option : **3**

Q.3 **Pointing to a man, Rocky (a man) said, "He is the father of the daughter of my daughter-in-law." How Rocky is related to that man?**

Ans
✗ 1. Uncle
✗ 2. Son
✓ 3. Father
✗ 4. Brother-in-law

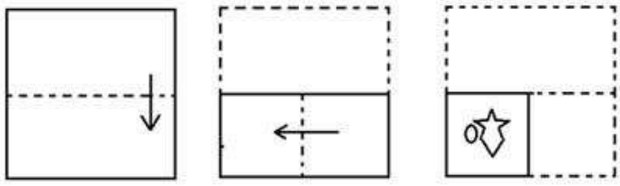
Question ID : **26433091675**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.**
_ T M _ P T _ R _ _ M R P _ _ R

Ans
✗ 1. M P T R M T T
✓ 2. P R M P T T M
✗ 3. P M T R R M T
✗ 4. M T P R T M R

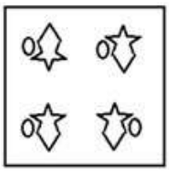
Question ID : **264330143730**
Status : **Answered**
Chosen Option : **2**

Q.5 **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.**

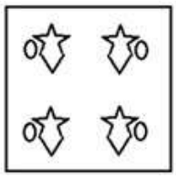


Ans

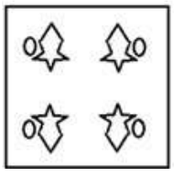
✗ 1.



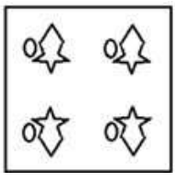
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433067455**
Status : **Answered**
Chosen Option : **3**

Q.6 **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 teachers are scientists.
All scientists are doctors.
All doctors are engineers.

Conclusions:
I. Some doctors are teachers.
II. Some engineers are teachers.
III. Some doctors are scientists.

Ans

✗ 1. Only conclusions I and II follow

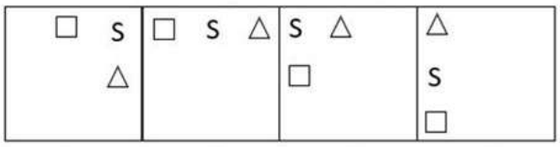
✓ 2. All conclusions follow

✗ 3. Only conclusions I and III follow

✗ 4. Only conclusions II and III follow

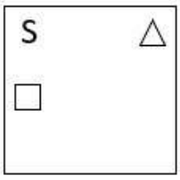
Question ID : **264330145432**
Status : **Answered**
Chosen Option : **2**

Q.7 Which of the given figures when placed in the 5th position would continue the series that is established by the first four figures?

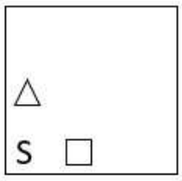


Ans

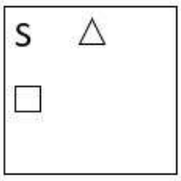
✗ 1.



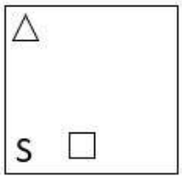
✓ 2.



✗ 3.



✗ 4.



Question ID : **26433087311**
Status : **Answered**
Chosen Option : **2**

Q.8 **Which of the following numbers will replace the question mark (?) in the given series?**
232, 221, 199, ? , 122, 67

Ans

✗ 1. 155

✗ 2. 165

✗ 3. 177

✓ 4. 166

Question ID : **26433090936**
Status : **Answered**
Chosen Option : **4**

Q.9 **If '<' means '−', '!' means '×', '>' means '+' and '$' means '÷', then what is the value of the following expression?**
205 > 210 $ 15 ! 2 < 19

Ans
✗ 1. 242
✗ 2. 238
✓ 3. 214
✗ 4. 226

Question ID : **264330133152**
Status : **Answered**
Chosen Option : **3**

Q.10 **In a certain code language, 'PLIERS' is coded as MMAFJO and 'SHOVEL' is coded as FZRLFR. How will 'WRENCH' be coded in the same language?**

Ans
✗ 1. CXJBQU
✓ 2. BXJBPV
✗ 3. BXJBQU
✗ 4. CXIBPV

Question ID : **264330132217**
Status : **Answered**
Chosen Option : **2**

Q.11 **In a certain code language, 'SPIT' is coded as 'USKW' and 'COPY' is coded as 'ERRB'. How will 'MOCK' be coded in that language?**

Ans
✗ 1. OQEN
✗ 2. PREN
✗ 3. PQEN
✓ 4. OREN

Question ID : **264330129679**
Status : **Answered**
Chosen Option : **4**

Q.12 **Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.**

Ans
✓ 1. ADZV
✗ 2. MPNK
✗ 3. FIUR
✗ 4. TWGD

Question ID : **264330122176**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the set in which the numbers are related in the same way as are the numbers of the given 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.)
(12, 8, 20)
(7, 3, 15)

Ans
✔ 1. (9, 4, 19)
✘ 2. (10, 5, 45)
✘ 3. (8, 5, 12)
✘ 4. (11, 7, 17)

Question ID : **26433057095**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **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. (8, 320)
✘ 2. (11, 968)
✔ 3. (5, 100)
✘ 4. (6, 108)

Question ID : **264330143687**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **Which two signs should be interchanged to make the given equation correct?**
312 – 13 × 14 + 207 ÷ 4 = 539

Ans
✔ 1. ÷ and –
✘ 2. – and +
✘ 3. ÷ and +
✘ 4. + and ×

Question ID : **264330132502**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1. Appear
2. Approach
3. Approximate
4. Apparition
5. Apparel

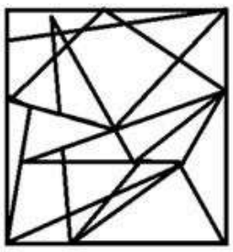
Ans
✘ 1. 4,5,1,2,3
✘ 2. 4,1,5,2,3
✔ 3. 5,4,1,2,3
✘ 4. 5,1,4,2,3

Question ID : **264330130703**
Status : **Answered**
Chosen Option : **3**

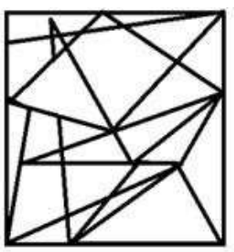
Q.17 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

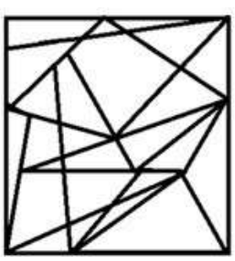
✗ 1.



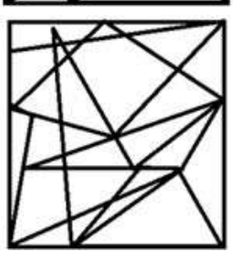
✗ 2.



✗ 3.



✓ 4.



Question ID : **26433067429**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.**
M_ _ KS _ ON _ SMO _ K _ _ _ NKS

Ans

✗ 1. ONMNKOMS

✓ 2. ONMKNSMO

✗ 3. ONMMMMMO

✗ 4. NMOKNSMO

Question ID : **26433090005**
Status : **Answered**
Chosen Option : **2**

Q.19 **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)**
Vacant : Empty : : Enormous : ?

Ans
✗ 1. Sufficient
✗ 2. Ample
✓ 3. Huge
✗ 4. Small

Question ID : **264330145444**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.**
32 * 14 * 18 * 9 * 12 * 22

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

Question ID : **26433068670**
Status : **Answered**
Chosen Option : **2**

Q.21 **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**
(3, 9, 2)
(8, 6, 8)
(5, 3, ?)
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

Ans
✗ 1. 22
✗ 2. 13
✓ 3. 10
✗ 4. 5

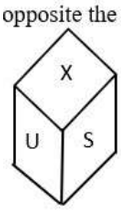
Question ID : **26433082470**
Status : **Not Answered**
Chosen Option : **--**

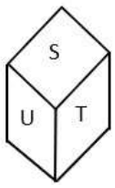
Q.22 **Azad points towards a picture and says it's the picture of his mother's father's only granddaughter's only brother. How is Azad related to the person in the picture?**

Ans
✗ 1. Sister
✗ 2. Son
✗ 3. Father
✓ 4. Azad himself

Question ID : **264330118661**
Status : **Answered**
Chosen Option : **4**

Q.23 Two different positions of the same dice are shown. Identify the letter on the face opposite the face showing 'X'.





Ans

✗ 1. W

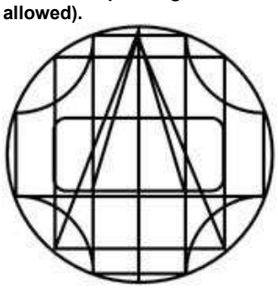
✗ 2. S

✗ 3. V

✓ 4. T

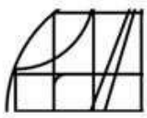
Question ID : **26433097480**
Status : **Answered**
Chosen Option : **4**

Q.24 **Select the option figure which is embedded in the given figure (Rotation is NOT allowed).**

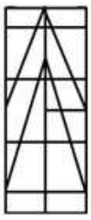


Ans

✗ 1.

✗ 2. 

✓ 3.

✗ 4. 

Question ID : **26433097443**
Status : **Answered**
Chosen Option : **3**

Q.25 **Which of the following terms will replace the question mark (?) in the given series?**
CM, EP, GO, IS, KQ, MV, OS, ?

Ans
✗ 1. PY
✓ 2. QY
✗ 3. QZ
✗ 4. QX

Question ID : **26433086947**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 **Which committee recommended the formation of a new category of NBFC i.e., Non-Banking Financial Company-Micro Finance Institution?**

Ans
✗ 1. Shah Committee
✓ 2. Malegam Committee
✗ 3. Kamath Committee
✗ 4. Hussain Committee

Question ID : **264330109361**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Harrod Domar growth model is known for highlighting the role of savings and investments. Which Five-Year Plan in India was based on this model?**

Ans
✓ 1. First
✗ 2. Second
✗ 3. Fourth
✗ 4. Third

Question ID : **264330109382**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Fundamental duties are _____ and not enforceable by law but are taken into account by the courts while adjudicating any matter.**

Ans
✗ 1. regulatory
✗ 2. non-statutory
✓ 3. statutory
✗ 4. common

Question ID : **26433086785**
Status : **Answered**
Chosen Option : **2**

Q.4 **When did Dmitri Mendeleev invent the periodic table, ordering the symbols of the chemical elements according to their atomic weights?**

Ans
✗ 1. 1794
✓ 2. 1869
✗ 3. 1890
✗ 4. 1779

Question ID : **264330141692**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **The FIFA World Cup 2026 will be hosted by _____.**

Ans

✔ 1. Canada, USA and Mexico

✘ 2. Canada, USA and Brazil

✘ 3. Argentina, Brazil and USA

✘ 4. USA, Brazil and Chili

Question ID : **264330110325**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **Ethanoic acid is a synonym for which acidic liquid is used in kitchens around the world as a basic seasoning in the preparation and cooking of certain foods?**

Ans

✘ 1. Apple Juice

✘ 2. Vanillin

✘ 3. Caustic Soda

✔ 4. Vinegar

Question ID : **264330113489**
Status : **Answered**
Chosen Option : **4**

Q.7 **Who among the following devised a policy that came to be known as the Doctrine of Lapse?**

Ans

✘ 1. The Lord Ellenborough

✘ 2. Lord William Bentinck

✔ 3. Lord Dalhousie

✘ 4. Lord Canning

Question ID : **26433099163**
Status : **Answered**
Chosen Option : **3**

Q.8 **Sonal Mansingh, Padma Bhushan and Padma Vibhushan awardee, is an accomplished dancer of which of the following dances in addition to the Bharatanatyam?**

Ans

✘ 1. Kathakali

✘ 2. Kathak

✘ 3. Sattriya

✔ 4. Odissi

Question ID : **26433055415**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **In which of the following cities is the Quwwat al-Islam mosque situated?**

Ans

✘ 1. Panipat

✘ 2. Lahore

✘ 3. Ajmer

✔ 4. Delhi

Question ID : **264330111379**
Status : **Not Answered**
Chosen Option : **--**

Q.10 'Mati-Akhora' is associated with which of the following classical dances of India?

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

Question ID : **26433094867**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which of the following schemes is available to people in the age group of 18 to 50 years and provides risk coverage of ₹2 lakh in case of death of the insured, due to any reason, at an annual premium of ₹436?

Ans
✓ 1. Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJY)
✗ 2. Pradhan Mantri Suraksha Bima Yojana (PMSBY)
✗ 3. Pradhan Mantri Shram Yogi Maan-Dhan Yojana (PM-SYM)
✗ 4. Pradhan Mantri Vaya Vandana Yojana (PMVVY)

Question ID : **264330133002**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Chittaranjan Das along with _____ set up the Swaraj Party in 1923 to contest the elections.

Ans
✗ 1. Vallabhbhai Patel
✗ 2. Rajendra Prasad
✓ 3. Motilal Nehru
✗ 4. Jawahar Lal Nehru

Question ID : **264330141516**
Status : **Answered**
Chosen Option : **3**

Q.13 Who among the following became the first Indian to be invited to perform at the prestigious Lincoln Centre Hall in the United States of America?

Ans
✗ 1. M.S.Subbalakshmi
✗ 2. Zakir Hussain
✗ 3. Ravi Shankar
✓ 4. Bismillah Khan

Question ID : **26433064786**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Identify the sealed glass vacuum tube containing an electron beam that is focused on a phosphor-coated glass screen when light is emitted.

Ans
✓ 1. Cathode ray tube
✗ 2. Flat array tube
✗ 3. Light Emitting Diode tube
✗ 4. Liquid Crystal Display tube

Question ID : **264330110038**
Status : **Answered**
Chosen Option : **1**

Q.15 Which is the oldest aluminium refinery plant in India?

Ans
- ✗ 1. The Damanjodi Plant
- ✓ 2. The Muri Alumina Plant
- ✗ 3. The Mettur Plant
- ✗ 4. The Belgaum Plant

Question ID : **264330110643**
Status : **Not Answered**
Chosen Option : **--**

Q.16 The Rajgir Zoo is located in which of the following states?

Ans
- ✗ 1. Tamil Nadu
- ✗ 2. Madhya Pradesh
- ✗ 3. Gujarat
- ✓ 4. Bihar

Question ID : **264330113290**
Status : **Not Answered**
Chosen Option : **--**

Q.17 The word 'direct free kick' is related to which of the following sports?

Ans
- ✗ 1. Basketball
- ✗ 2. Baseball
- ✗ 3. Volleyball
- ✓ 4. Football

Question ID : **264330109728**
Status : **Answered**
Chosen Option : **4**

Q.18 'Padhe Bharat' reading campaign, launched by the Department of School Education and Literacy to support and encourage children to read for a joyful learning experience started on January 1, 2022, for a period of _____ days.

Ans
- ✓ 1. 100
- ✗ 2. 200
- ✗ 3. 50
- ✗ 4. 150

Question ID : **26433082823**
Status : **Not Answered**
Chosen Option : **--**

Q.19 'Swachh Bharat Mission' is associated with which public figure?

Ans
- ✓ 1. Mahatma Gandhi
- ✗ 2. Jawaharlal Nehru
- ✗ 3. Vallabhbhai Patel
- ✗ 4. Lal Bahadur Shastri

Question ID : **264330111147**
Status : **Answered**
Chosen Option : **4**

Q.20 **In December 2021, the _____ approved a $500 million loan to the Government of India to help improve the quality of the country's school education and mitigate the impact of the Covid-19 pandemic on the students' learning.**

Ans
- ✗ 1. Central Bank of Bahrain
- ✗ 2. European Central Bank
- ✓ 3. Asian Development Bank
- ✗ 4. National Development Bank

Question ID : **26433081863**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Till which year did the High Court of Delhi continue to exercise jurisdiction over Himachal Pradesh?**

Ans
- ✗ 1. 1969
- ✗ 2. 1967
- ✓ 3. 1971
- ✗ 4. 1968

Question ID : **264330113431**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **Which ecologist is famous for studying plant life in the Indiana Dunes in 1896?**

Ans
- ✗ 1. Robert MacArthur
- ✗ 2. G Evelyn Hutchinson
- ✓ 3. Henry Chandler Cowles
- ✗ 4. Aldo Leopold

Question ID : **264330110089**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **The layer of earth that separates the crust from the core is:**

Ans
- ✗ 1. Stratosphere
- ✓ 2. Mantle
- ✗ 3. magma layer
- ✗ 4. country

Question ID : **26433064461**
Status : **Answered**
Chosen Option : **2**

Q.24 **Iron age is so named because during this time iron mostly replaced _____ in implements and weapons, beginning in the Middle East and South-eastern Europe.**

Ans
- ✗ 1. wood
- ✗ 2. brass
- ✓ 3. bronze
- ✗ 4. stone

Question ID : **264330118944**
Status : **Answered**
Chosen Option : **4**

Q.25 **Which country celebrates one of the famous festivals known as Paro Tschechu?**

Ans
✗ 1. Japan
✓ 2. Bhutan
✗ 3. Thailand
✗ 4. Burma

Question ID : **264330144072**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 **The simple interest on an amount for 6 years at 4% p.a. is ₹7,500 less than the simple interest on the same amount for 11 years. Find the amount.**

Ans
✗ 1. ₹38,000
✓ 2. ₹37,500
✗ 3. ₹37,000
✗ 4. ₹38,500

Question ID : **264330109536**
Status : **Answered**
Chosen Option : **2**

Q.2 **A laptop is sold for ₹54,000 after giving a discount of 20%. What is the list price (in ₹) of the laptop?**

Ans
✗ 1. 69500
✓ 2. 67500
✗ 3. 70000
✗ 4. 64800

Question ID : **264330103959**
Status : **Answered**
Chosen Option : **2**

Q.3

If $x^2 - \frac{1}{x^2} = 4\sqrt{2}$, what is the value of $x^4 - \frac{1}{x^4}$?

Ans
✗ 1. $16\sqrt{2}$
✗ 2. $8\sqrt{2}$
✓ 3. $24\sqrt{2}$
✗ 4. $32\sqrt{2}$

Question ID : **264330114542**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **P, Q and R can complete a piece of work in 9, 12 and 18 days, respectively. Working together, how much work can they complete in one day?**

Ans

✗ 1. $\frac{2}{3}$

✗ 2. $\frac{1}{2}$

✗ 3. $\frac{1}{3}$

✓ 4. $\frac{1}{4}$

Question ID : **264330130964**
Status : **Answered**
Chosen Option : **4**

Q.5 **Ram and Ramesh can do a work in 12 days, Ramesh and Somesh in 15 days and Somesh and Ram in 10 days. If Ram, Ramesh and Somesh work together, in how many days will they complete the work?**

Ans

✗ 1. 10

✓ 2. 8

✗ 3. 12

✗ 4. 6

Question ID : **264330130119**
Status : **Answered**
Chosen Option : **2**

Q.6 **A certain distance is covered by a person at a certain speed. If another person covers 25% of the distance in triple the time, the ratio of the speed of the first person to that of the second person is:**

Ans

✗ 1. 1 : 6

✗ 2. 1 : 12

✗ 3. 6 : 1

✓ 4. 12 : 1

Question ID : **264330129444**
Status : **Answered**
Chosen Option : **4**

Q.7 **A dishonest dealer sells articles at 15% loss on cost price but uses the weight of 20 g instead of 25 g. What is his profit or loss percentage?**

Ans

✓ 1. 6.25% Profit

✗ 2. 6.50% Profit

✗ 3. 7.55% Loss

✗ 4. 5.25% Loss

Question ID : **26433082713**
Status : **Answered**
Chosen Option : **1**

Q.8 **If in acute angled triangle ABC, AL, BM, and CN are the three altitudes of triangle ABC, then which of the following statements will be true?**

Ans

✗ 1. AL + BM + CN = AB + BC + CA

✗ 2. AL + BM = AB + BC

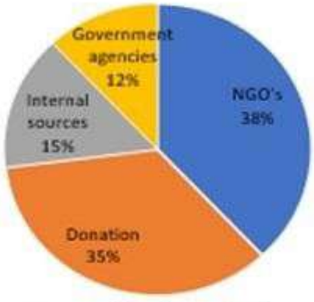
✗ 3. AL + BM + CN > AB + BC + CA

✓ 4. AL + BM + CN < AB + BC + CA

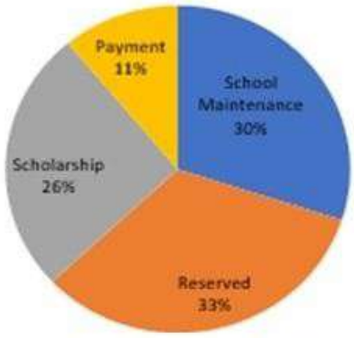
Question ID : **264330143603**
Status : **Answered**
Chosen Option : **4**

Q.9 **Study the given pie-chart carefully and answer the following question.**
What amount (in Rs.) of the fund is acquired by the school from internal sources?

The entire fund that school gets from different sources is equal to Rs.10 lakh



Source of funds in school



Uses of Funds by school

Ans

✗ 1. 1,45,000

✓ 2. 1,50,000

✗ 3. 1,32,000

✗ 4. 1,60,000

Question ID : **264330131542**
Status : **Answered**
Chosen Option : **2**

Q.10 If $3x = \sec A$ and $\frac{3}{x} = \tan A$ then $9\left(x^2 - \frac{1}{x^2}\right)$ is _____.

Ans

✗ 1. 3

✗ 2. 9

✓ 3. 1

✗ 4. $\frac{1}{9}$

Question ID : **264330143569**
Status : **Answered**
Chosen Option : **3**

Q.11 **Angle subtended by the largest chord of the circle to a point on the same circle measures:**

Ans
✗ 1. $< 90°$
✗ 2. $180°$
✗ 3. $> 90°$
✓ 4. $90°$

Question ID : **26433074487**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Simplify the given expression.

$$\frac{[120 \times 120 \times 120 - 100 \times 100 \times 100]}{[120 \times 120 + 120 \times 100 + 100 \times 100]}$$

Ans
✓ 1. 20
✗ 2. 25
✗ 3. 10
✗ 4. 15

Question ID : **264330129976**
Status : **Answered**
Chosen Option : **1**

Q.13 **A, B and C can do a piece of work in 20, 30 and 60 days, respectively. In how many days can A do the work if he is assisted by both B and C on every third day?**

Ans
✗ 1. 10
✓ 2. 15
✗ 3. 12
✗ 4. 18

Question ID : **264330119434**
Status : **Answered**
Chosen Option : **2**

Q.14 **Soham's initial expenditure and savings were in the ratio of 5 : 3. His income increases by 25%. If his initial savings were ₹4,500, find his income (in ₹) after the increment.**

Ans
✗ 1. 16000
✓ 2. 15000
✗ 3. 9375
✗ 4. 12000

Question ID : **264330103255**
Status : **Answered**
Chosen Option : **2**

Q.15 If $(a + b + c) = 14$, and $(a^3 + b^3 + c^3 - 3abc) = 98$, find the value of $(a^2 + b^2 + c^2)$.

Ans
✓ 1. 70
✗ 2. 64
✗ 3. 68
✗ 4. 72

Question ID : **264330101359**
Status : **Answered**
Chosen Option : **1**

Q.16 ABC is a triangle and D is a point on the side BC. If BC = 16 cm, BD = 11 cm and ∠ADC = ∠BAC, then the length of AC is equal to:

Ans
✔ 1. $4\sqrt{5}$ cm
✘ 2. 4 cm
✘ 3. $3\sqrt{5}$ cm
✘ 4. 5 cm

Question ID : **264330131489**
Status : **Not Answered**
Chosen Option : **--**

Q.17 A 6-digit number has digits as consecutive natural numbers. The number is always divisible by _____.

Ans
✘ 1. 4
✘ 2. 5
✘ 3. 2
✔ 4. 3

Question ID : **264330130162**
Status : **Answered**
Chosen Option : **4**

Q.18 Benny can do a piece of work in 24 days. Chethan and David can do the same work individually in 36 and 48 days, respectively. All of them begin the work together. However, Benny leaves the work 4 days before the completion of work and Chethan leaves the work 10 days before the completion of the work. David worked till the end and completed the work. Find the number of days in which the work was completed.

Ans
✔ 1. 16
✘ 2. 20
✘ 3. 18
✘ 4. 15

Question ID : **264330143459**
Status : **Answered**
Chosen Option : **1**

Q.19 A thief robs precious metals from a store which is 1150 m away from the police. The thief starts running at 6 km/h and the police starts chasing at 11 km/h at the same time. How much distance (in m) will the thief run before being caught?

Ans
✘ 1. 1485
✔ 2. 1380
✘ 3. 1125
✘ 4. 1280

Question ID : **264330103338**
Status : **Not Answered**
Chosen Option : **--**

Q.20 The value of $1\frac{3}{4}+1\frac{5}{7}\div 2\frac{3}{7}\times 2\frac{3}{7}=?$

Ans

✗ 1. $1\frac{11}{28}$

✗ 2. $2\frac{13}{28}$

✓ 3. $3\frac{13}{28}$

✗ 4. $4\frac{23}{28}$

Question ID : **264330122985**
Status : **Answered**
Chosen Option : **3**

Q.21 **If the third proportional of $3x^2$ and 4xy is 48, then find the positive value of y.**

Ans

✓ 1. 3

✗ 2. 5

✗ 3. 2

✗ 4. 4

Question ID : **264330103726**
Status : **Answered**
Chosen Option : **1**

Q.22 **The distance between the centres of two circles having radii 22 cm and 18 cm, is 32 cm. The length (in cm) of the direct common tangent of the two circles is :**

Ans

✓ 1. $2\sqrt{252}$ cm

✗ 2. $2\sqrt{152}$ cm

✗ 3. $3\sqrt{242}$ cm

✗ 4. $3\sqrt{252}$ cm

Question ID : **26433061097**
Status : **Not Answered**
Chosen Option : **--**

Q.23 The following table shows the number of delivery partners (in thousands) who joined five different companies during six different years.

Year	Companies				
	Emazon	Clipkart	Twiggy	Tomato	Pyntra
2016	2.4	4.5	1.2	0.9	4.2
2017	1.8	5.4	1.5	1.2	5.6
2018	3.2	7.2	2.4	2.1	6.3
2019	3.9	5.6	2.8	2.7	6.5
2020	4.2	6.4	3.2	3.3	7.0
2021	5.0	7.2	3.6	3.6	7.2

Find the ratio of the number of delivery partners who joined Clipkart (in 2019 and 2020) to the number of delivery partners who joined Tomato (in 2019 and 2020).

Ans

✗ 1. 4 : 3

✗ 2. 3 : 2

✗ 3. 1 : 2

✓ 4. 2 : 1

Question ID : **26433076413**
Status : **Answered**
Chosen Option : **4**

Q.24 **The length of a hall is 21 m and the width is 14 m. The sum of the areas of the floor and the flat roof is equal to the sum of the areas of the four walls. Find the height of the hall.**

Ans

✓ 1. 8.4 m

✗ 2. 8.2 m

✗ 3. 8.6 m

✗ 4. 8.8 m

Question ID : **264330103647**
Status : **Answered**
Chosen Option : **1**

Q.25 **If secA + tanA = 5,then sinA is equal to:**

Ans

✗ 1. $\frac{5}{13}$

✗ 2. $\frac{5}{12}$

✗ 3. $\frac{13}{12}$

✓ 4. $\frac{12}{13}$

Question ID : **26433075834**
Status : **Answered**
Chosen Option : **4**

Section : **English Comprehension**

Q.1 **Select the most appropriate option that can substitute the underlined words in the given sentence.**
He did not stop until it was remarked that he was <u>speaking at length about trivial things</u>.

Ans
✗ 1. twittering
✗ 2. writing
✓ 3. rambling
✗ 4. littering

Question ID : **26433086505**
Status : **Answered**
Chosen Option : **3**

Q.2 **Select the nearest homonym of the given word.**

Accept

Ans
✗ 1. Accent
✗ 2. Expect
✓ 3. Except
✗ 4. Expert

Question ID : **26433099124**
Status : **Answered**
Chosen Option : **3**

Q.3 **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.**

They usually allege that there is / a delay in procuring stationery / due to the faulty purchase orders.

Ans
✗ 1. due to the faulty purchase orders
✗ 2. a delay in procuring stationery
✗ 3. They usually allege that there is
✓ 4. No error

Question ID : **26433073768**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the correct sentence in active voice from the following options.**

Ans
✓ 1. The neighbours have called the police.
✗ 2. The police are being called by the neighbours.
✗ 3. The Police said to me, "I will call the neighbours."
✗ 4. The police have been called by the neighbours.

Question ID : **264330121831**
Status : **Answered**
Chosen Option : **1**

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

Ans
✗ 1. Comment
✗ 2. Criticise
✗ 3. Care
✓ 4. Convey

Question ID : **26433063585**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the most appropriate homonym to fill in the blank.**
The children enjoyed the _____ very much.

Ans
✗ 1. feer
✗ 2. fear
✗ 3. fere
✓ 4. fair

Question ID : **264330123794**
Status : **Answered**
Chosen Option : **4**

Q.7 **Select the most appropriate idiom or phrase to fill in the blank in the given sentence.**

He is rich and famous and expects everyone to _____ on him.

Ans
✗ 1. tap dance like mad
✗ 2. dead duck
✗ 3. give a song and dance
✓ 4. dance attendance

Question ID : **26433092312**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the word that is INCORRECTLY spelt in the given sentence.**

Traditional people are used to using a calender for their routine activities in rural households.

Ans
✗ 1. Traditional
✗ 2. Households
✓ 3. Calender
✗ 4. Activities

Question ID : **26433089819**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the option that can be used as a one-word substitute for the given group of words.**
Outer protective layer of a tree.

Ans
✓ 1. Bark
✗ 2. Shrub
✗ 3. Rind
✗ 4. Peel

Question ID : **26433084676**
Status : **Answered**
Chosen Option : **3**

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

The question <u>was raised for discussion</u> before the members during the assembly session.

Ans
- ✔ 1. came up
- ✘ 2. came off
- ✘ 3. came round
- ✘ 4. came out

Question ID : **26433073848**
Status : **Answered**
Chosen Option : **1**

Q.11 **The following sentence has been divided into three segments, A, B, C. One of them may contain a grammatical error. Select the segment that contains the error, from the given options. If you don't find any error, mark 'No error' as your answer.**

He is not rich (A) / so he cannot afford (B) / to buy a expensive car (C).

Ans
- ✔ 1. C
- ✘ 2. A
- ✘ 3. No error
- ✘ 4. B

Question ID : **26433074028**
Status : **Answered**
Chosen Option : **1**

Q.12 **Select the most appropriate meaning of the given idiom.**
Treading on thin ice

Ans
- ✘ 1. Playing with a sharp icicle
- ✔ 2. To be in a dangerous risky position
- ✘ 3. Skating on ice fallen in a hailstorm
- ✘ 4. Making a thin ice sculpture

Question ID : **26433088820**
Status : **Answered**
Chosen Option : **2**

Q.13 **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 other half had been sued at least twice, and Levinson found that just on the basis of those conversations, she could find clear differences between the two groups.
B. Recently the medical researcher Wendy Levinson recorded hundreds of conversations between a group of physicians and their patients.
C. The surgeons who had never been sued spent more than three minutes longer with each patient than those who had been sued did.
D. Roughly half of the doctors had never been sued.

Ans
- ✔ 1. BDAC
- ✘ 2. CABD
- ✘ 3. ABCD
- ✘ 4. BCAD

Question ID : **264330143859**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the most appropriate synonym of the underlined word.**
A wide-ranging effort is being made to safeguard lives and livelihoods by addressing the devastating near-term socio-economic, humanitarian, and human rights aspects of the crisis with attention to those hit the hardest.

Ans
✗ 1. flourishing
✓ 2. destructive
✗ 3. emerging
✗ 4. fortunate

Question ID : **26433092951**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the correct spelling for the INCORRECTLY spelt word in the given sentence.**
Education plays a crucal role in breaking the cycle of poverty and child labour.

Ans
✗ 1. proverty
✓ 2. crucial
✗ 3. braking
✗ 4. edukation

Question ID : **26433092138**
Status : **Answered**
Chosen Option : **2**

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. In a study sponsored by World Health Organisation and carried out by Harvard School of Public Health, the global burden and injury indicated that stress diseases and accidents are going to be the killers in 2020.
B. Road traffic accidents are going to be the third largest killers.
C. These accidents are also an indicator of psycho-social stress in a fast-moving society.
D. The heart disease and depression - both stress diseases - are going to rank first and second in 2020.

Ans
✗ 1. BCDA
✗ 2. CBAD
✗ 3. DACB
✓ 4. ADBC

Question ID : **26433096959**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the synonym of the word 'reproduce' from the sentence.**
Many scientific researches have proved that DNA replicates itself in the human body and is an enzyme based catalyst reaction.

Ans
✓ 1. Replicates
✗ 2. Reaction
✗ 3. Proved
✗ 4. Researches

Question ID : **264330137246**
Status : **Answered**
Chosen Option : **1**

Q.18 **Select the most appropriate option to fill in the blank.**

A _____ is a female horse.

Ans

✗ 1. vixen

✗ 2. doe

✓ 3. mare

✗ 4. rooster

Question ID : **26433073404**
Status : **Answered**
Chosen Option : **3**

Q.19 **Select the option that expresses the given sentence in passive voice.**
We compelled the teacher to finish the class sooner.

Ans

✓ 1. The teacher was compelled to finish the class sooner.

✗ 2. The teacher finished the class compelled by us.

✗ 3. Finishing the class sooner was what the teacher was compelled to do.

✗ 4. The teacher compelled us to finish the class sooner.

Question ID : **264330134136**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the most appropriate ANTONYM of the underlined word.**
I don't like to work with people who are not <u>flexible.</u>

Ans

✗ 1. Capable

✗ 2. Malleable

✗ 3. Open-ended

✓ 4. Rigid

Question ID : **264330121878**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

The challenge in Madras high court to the Emergency-era shifting of education from state list to concurrent list (1) _____ a futile exercise in turning back the clock. Forty-six years have passed (2) _____ the 42 Constitution Amendment Act. In this period, the education sector has seen far too many changes, and most can't be (3) _____ . For instance, a common national medical test now allows students the ease of appearing for just one examination instead of multiple ones conducted by each state. States still enjoy (4) _____ to operate their own universities, schools and education syllabus. Private sector is also flourishing in education. And the policy tinkering at all levels goes on. UGC is restructuring UG, PG and doctoral programmes. States are trying out clustering of schools, closing down smaller schools. Instruction in English seems to have lost favour at the Centre, even though society is (5) _____ headed in the opposite direction. But the moot point is no one entity can claim complete control. It is a diverse ecosystem. Far more important issues than locating education in the Constitution are at stake.

SubQuestion No : 21

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

Ans

✗ 1. have

✗ 2. were

✗ 3. had

✓ 4. is

Question ID : **264330139168**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

The challenge in Madras high court to the Emergency-era shifting of education from state list to concurrent list (1) _____ a futile exercise in turning back the clock. Forty-six years have passed (2) _____ the 42 Constitution Amendment Act. In this period, the education sector has seen far too many changes, and most can't be (3) _____ . For instance, a common national medical test now allows students the ease of appearing for just one examination instead of multiple ones conducted by each state. States still enjoy (4) _____ to operate their own universities, schools and education syllabus. Private sector is also flourishing in education. And the policy tinkering at all levels goes on. UGC is restructuring UG, PG and doctoral programmes. States are trying out clustering of schools, closing down smaller schools. Instruction in English seems to have lost favour at the Centre, even though society is (5) _____ headed in the opposite direction. But the moot point is no one entity can claim complete control. It is a diverse ecosystem. Far more important issues than locating education in the Constitution are at stake.

SubQuestion No : 22

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

Ans

✗ 1. from

✗ 2. for

✗ 3. as

✓ 4. since

Question ID : **264330139169**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

The challenge in Madras high court to the Emergency-era shifting of education from state list to concurrent list (1) _____ a futile exercise in turning back the clock. Forty-six years have passed (2) _____ the 42 Constitution Amendment Act. In this period, the education sector has seen far too many changes, and most can't be (3) _____ . For instance, a common national medical test now allows students the ease of appearing for just one examination instead of multiple ones conducted by each state. States still enjoy (4) _____ to operate their own universities, schools and education syllabus. Private sector is also flourishing in education. And the policy tinkering at all levels goes on. UGC is restructuring UG, PG and doctoral programmes. States are trying out clustering of schools, closing down smaller schools. Instruction in English seems to have lost favour at the Centre, even though society is (5) _____ headed in the opposite direction. But the moot point is no one entity can claim complete control. It is a diverse ecosystem. Far more important issues than locating education in the Constitution are at stake.

SubQuestion No : 23

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

Ans

✗ 1. turned

✗ 2. backed

✗ 3. returned

✓ 4. reversed

Question ID : **264330139170**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

The challenge in Madras high court to the Emergency-era shifting of education from state list to concurrent list (1) _____ a futile exercise in turning back the clock. Forty-six years have passed (2) _____ the 42 Constitution Amendment Act. In this period, the education sector has seen far too many changes, and most can't be (3) _____ . For instance, a common national medical test now allows students the ease of appearing for just one examination instead of multiple ones conducted by each state. States still enjoy (4) _____ to operate their own universities, schools and education syllabus. Private sector is also flourishing in education. And the policy tinkering at all levels goes on. UGC is restructuring UG, PG and doctoral programmes. States are trying out clustering of schools, closing down smaller schools. Instruction in English seems to have lost favour at the Centre, even though society is (5) _____ headed in the opposite direction. But the moot point is no one entity can claim complete control. It is a diverse ecosystem. Far more important issues than locating education in the Constitution are at stake.

SubQuestion No : 24

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

Ans

✗ 1. flexible

✓ 2. flexibility

✗ 3. suitable

✗ 4. suitability

Question ID : **264330139171**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

The challenge in Madras high court to the Emergency-era shifting of education from state list to concurrent list (1) _____ a futile exercise in turning back the clock. Forty-six years have passed (2) _____ the 42 Constitution Amendment Act. In this period, the education sector has seen far too many changes, and most can't be (3) _____ . For instance, a common national medical test now allows students the ease of appearing for just one examination instead of multiple ones conducted by each state. States still enjoy (4) _____ to operate their own universities, schools and education syllabus. Private sector is also flourishing in education. And the policy tinkering at all levels goes on. UGC is restructuring UG, PG and doctoral programmes. States are trying out clustering of schools, closing down smaller schools. Instruction in English seems to have lost favour at the Centre, even though society is (5) _____ headed in the opposite direction. But the moot point is no one entity can claim complete control. It is a diverse ecosystem. Far more important issues than locating education in the Constitution are at stake.

SubQuestion No : 25

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

Ans

✓ 1. irrevocably

✗ 2. irrevocable

✗ 3. irrelevant

✗ 4. suddenly

Question ID : **264330139172**
Status : **Answered**
Chosen Option : **1**