



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



Roll Number	
Candidate Name	
Test Center Name	Eastern Academy of Science & Technology
Test Date	30/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

\* Note

Correct Answer will carry 1 mark per Question.  
Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 The position of how many letters will remain unchanged if each of the letters in the word PROUDLY is arranged in alphabetical order?

- Ans  1. Two  
 2. Three  
 3. One  
 4. Four

Question ID : 75189715159  
Option 1 ID : 75189760634  
Option 2 ID : 75189760633  
Option 3 ID : 75189760636  
Option 4 ID : 75189760635

Status : Answered  
Chosen Option : 1

Q.2 What is the name of the programme launched by the Ministry of Electronics and Information Technology in 2021 to assist startups in their early stages?

- Ans  1. Startup India Seed Fund  
 2. ASPIRE  
 3. Multiplier Grants Scheme  
 4. SAMRIDH

Question ID : 75189714031  
Option 1 ID : 75189756123  
Option 2 ID : 75189756121  
Option 3 ID : 75189756122  
Option 4 ID : 75189756124

Status : Answered  
Chosen Option : 2

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Q.3 The selling price of 10 books is equal to the cost price of 15 books. Find the loss or gain percentage.

- Ans
- 1.  $\frac{100}{3}$  % Gain
  - 2.  $\frac{100}{3}$  % Loss
  - 3. 50% Loss
  - 4. 50% Gain

Question ID : 75189713311

Option 1 ID : 75189753241

Option 2 ID : 75189753243

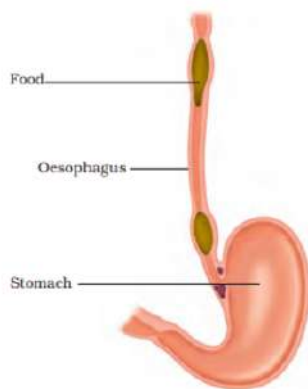
Option 3 ID : 75189753242

Option 4 ID : 75189753244

Status : Answered

Chosen Option : 4

Q.4 The diagram below shows a part of the human alimentary canal. Which process is taking place and how?



- Ans
- 1. Digestion, due to rhythmic contraction and relaxation of muscular walls
  - 2. Peristalsis, due to rhythmic contraction and relaxation of muscular walls
  - 3. Digestion, due to enzymes present
  - 4. Peristalsis, due to enzymes present

Question ID : 7518974577

Option 1 ID : 75189718308

Option 2 ID : 75189718305

Option 3 ID : 75189718306

Option 4 ID : 75189718307

Status : Answered

Chosen Option : 2

**Q.5** In a room, a magnetic field is applied vertically upwards. Electron and proton beams are released horizontally from south towards the north direction into this field. The directions of deflections of these beams will be \_\_\_\_\_ and \_\_\_\_\_, respectively.

- Ans**
- 1. west, east
  - 2. vertically up, vertically down
  - 3. east, west
  - 4. vertically down, vertically up

Question ID : 75189715108  
Option 1 ID : 75189760430  
Option 2 ID : 75189760431  
Option 3 ID : 75189760429  
Option 4 ID : 75189760432  
Status : Answered  
Chosen Option : 3

**Q.6** Where is the Lokrang Utsav celebrated?

- Ans**
- 1. Nagaland
  - 2. Madhya Pradesh
  - 3. Sikkim
  - 4. Rajasthan

Question ID : 75189714039  
Option 1 ID : 75189756156  
Option 2 ID : 75189756155  
Option 3 ID : 75189756153  
Option 4 ID : 75189756154  
Status : Not Answered  
Chosen Option : --

**Q.7** Which of the following numbers will replace the question mark (?) in the given series?

3    30    300    3000 ?

- Ans**
- 1. 30000
  - 2. 300000
  - 3. 3000
  - 4. 3000000

Question ID : 75189712686  
Option 1 ID : 75189750743  
Option 2 ID : 75189750742  
Option 3 ID : 75189750741  
Option 4 ID : 75189750744  
Status : Answered  
Chosen Option : 1

Q.8 Which of the following is an indirect tax?

- Ans
- 1. Gift tax
  - 2. Wealth tax
  - 3. Income tax
  - 4. Goods and Services Tax

Question ID : 7518976805  
Option 1 ID : 75189727219  
Option 2 ID : 75189727217  
Option 3 ID : 75189727218  
Option 4 ID : 75189727220  
Status : Answered  
Chosen Option : 4

Q.9 A toy is made of a solid cube and a solid cuboid. Each side of the cube is 5 cm long, and the cuboid has dimensions given as  $5\text{ cm} \times 2\text{ cm} \times 8\text{ cm}$ . What is the volume of the toy?

- Ans
- 1.  $215\text{ cm}^3$
  - 2.  $250\text{ cm}^3$
  - 3.  $205\text{ cm}^3$
  - 4.  $225\text{ cm}^3$

Question ID : 75189713405  
Option 1 ID : 75189753619  
Option 2 ID : 75189753618  
Option 3 ID : 75189753617  
Option 4 ID : 75189753620  
Status : Answered  
Chosen Option : 3

Q.10 Which of the following two numbers should be interchanged to make the given equation correct?

$$3 \times 5 + 20 \div 8 - 17 = 11$$

- Ans
- 1. 5 and 8
  - 2. 17 and 3
  - 3. 8 and 17
  - 4. 5 and 17

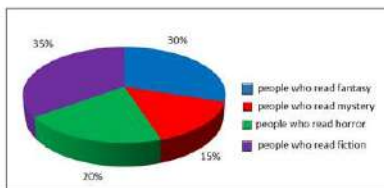
Question ID : 75189713663  
Option 1 ID : 75189754652  
Option 2 ID : 75189754649  
Option 3 ID : 75189754651  
Option 4 ID : 75189754650  
Status : Answered  
Chosen Option : 1

**Q.11** In a certain code language, 'FAR' is written as 'SARF' and 'PICK' is written as 'SICKP'. How will 'BLACK' be written in the same code language?

- Ans**
- 1. SLBACK
  - 2. SKBLAC
  - 3. SBLACK
  - 4. SLACKB

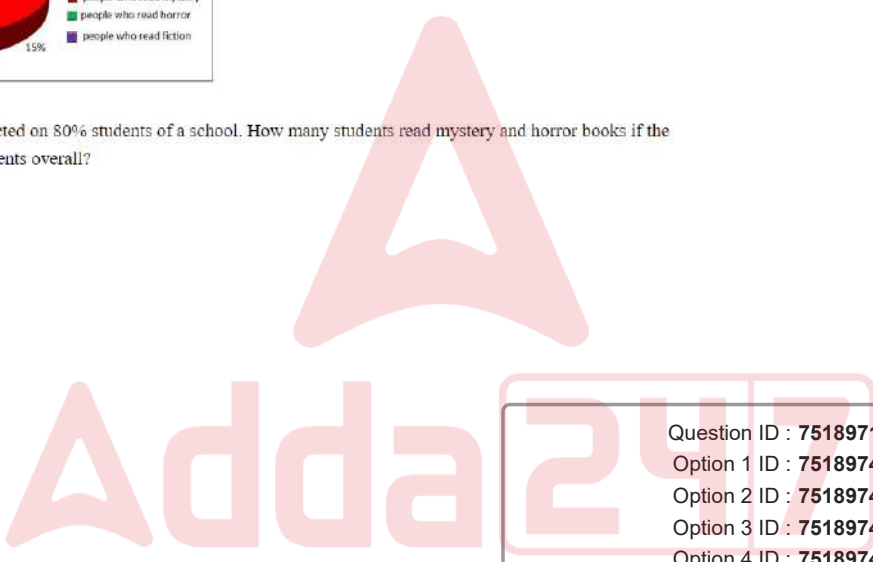
Question ID : 75189714640  
 Option 1 ID : 75189758559  
 Option 2 ID : 75189758558  
 Option 3 ID : 75189758557  
 Option 4 ID : 75189758560  
 Status : Answered  
 Chosen Option : 4

**Q.12** According to a survey, the percentage of people who read different genres books is shown in the following pie-chart. Blue represents people who read fantasy, red represents people who read mystery, green represents people who read horror, and purple represents people who read fiction. Study the pie-chart and answer the question.



The survey was conducted on 80% students of a school. How many students read mystery and horror books if the school has 47,500 students overall?

- Ans**
- 1. 5,700
  - 2. 13,300
  - 3. 12,400
  - 4. 7,600



Question ID : 75189711254  
 Option 1 ID : 75189745013  
 Option 2 ID : 75189745016  
 Option 3 ID : 75189745014  
 Option 4 ID : 75189745015  
 Status : Answered  
 Chosen Option : 2

**Q.13** 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)

(5, 315, 21)  
(9, 486, 18)

- Ans**
- 1. (8, 368, 23)
  - 2. (12, 560, 11)
  - 3. (10, 480, 16)
  - 4. (7, 294, 21)

Question ID : 75189715194  
Option 1 ID : 75189760776  
Option 2 ID : 75189760773  
Option 3 ID : 75189760774  
Option 4 ID : 75189760775  
Status : Answered  
Chosen Option : 3

**Q.14** Four friends R, S, T and U are sitting at the exact centre of the sides of a rectangular table facing the centre (but not necessarily in the same order). R is sitting to the immediate right of S. T is sitting to the immediate left of U.

Which of the following pairs of friends is sitting opposite to each other?

- Ans**
- 1. T - R
  - 2. S - U
  - 3. R - S
  - 4. R - U

Question ID : 75189711428  
Option 1 ID : 75189745712  
Option 2 ID : 75189745709  
Option 3 ID : 75189745711  
Option 4 ID : 75189745710  
Status : Answered  
Chosen Option : 4

**Q.15** Which was the principal source and sector of occupation of the Indian economy on the eve of Independence?

- Ans**
- 1. Education
  - 2. Industry
  - 3. Agriculture
  - 4. Services

Question ID : 75189714069  
Option 1 ID : 75189756273  
Option 2 ID : 75189756274  
Option 3 ID : 75189756276  
Option 4 ID : 75189756275  
Status : Not Answered  
Chosen Option : --

Q.16 The inlet of the Bay of Bengal between south-eastern India and northern Sri Lanka is called:

- Ans
- 1. Palk Strait
  - 2. Palk Passage
  - 3. Palk Channel
  - 4. Palk Canal

Question ID : 75189712509  
Option 1 ID : 75189750033  
Option 2 ID : 75189750036  
Option 3 ID : 75189750034  
Option 4 ID : 75189750035  
Status : Answered  
Chosen Option : 1

Q.17 The photographs taken from a satellite show the sky as dark. This is because:

- Ans
- 1. no dispersion occurs
  - 2. no refraction occurs
  - 3. no scattering occurs
  - 4. no reflection occurs

Question ID : 75189711304  
Option 1 ID : 75189745216  
Option 2 ID : 75189745213  
Option 3 ID : 75189745215  
Option 4 ID : 75189745214  
Status : Answered  
Chosen Option : 3

Q.18 Simplify the following.

$$\frac{1}{12} + \frac{1}{16} - \frac{1}{8}$$

- Ans
- 1.  $\frac{1}{48}$
  - 2.  $\frac{3}{24}$
  - 3.  $\frac{13}{48}$
  - 4.  $\frac{1}{24}$

Question ID : 75189713261  
Option 1 ID : 75189753042  
Option 2 ID : 75189753044  
Option 3 ID : 75189753041  
Option 4 ID : 75189753043  
Status : Answered  
Chosen Option : 3



**Q.19** What is the full form of TEDP, which is a structured training programme of the Department of Science and Technology (DST), Government of India?

- Ans**
- 1. Technological Enterprises and Development Programme
  - 2. Technology and Entrepreneurship Development Programme
  - 3. Technical and Entrepreneurship Development Programme
  - 4. Technology Based Entrepreneurship Development Programme

Question ID : 75189712442  
Option 1 ID : 75189749767  
Option 2 ID : 75189749766  
Option 3 ID : 75189749768  
Option 4 ID : 75189749765  
Status : Not Answered  
Chosen Option : --

**Q.20** 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)

(8, 5, 12)  
(2, 6, 22)

- Ans**
- 1. (5, 9, 19)
  - 2. (1, 6, 23)
  - 3. (17, 8, 11)
  - 4. (9, 12, 23)

Question ID : 75189711419  
Option 1 ID : 75189745673  
Option 2 ID : 75189745676  
Option 3 ID : 75189745675  
Option 4 ID : 75189745674  
Status : Answered  
Chosen Option : 2

**Q.21** Sudesh starts from point A and drives 9 km towards North. He takes a left turn and drives for 4 km, he then turns right and drives for 2 km. He then turns right and drives for 9 km. He takes a final right turn and drives for 11 km to reach point M. What is the distance between points A and M (all turns are 90 degree turns only)?

- Ans**
- 1. 5 km
  - 2. 2 km
  - 3. 4 km
  - 4. 6 km

Question ID : 75189715279  
Option 1 ID : 75189761115  
Option 2 ID : 75189761116  
Option 3 ID : 75189761113  
Option 4 ID : 75189761114  
Status : Answered  
Chosen Option : 1

Q.22 Which of the following statements is correct about litmus solution?

Ans  1.

Litmus solution is a purple dye, which is extracted from lichen.

2.

Litmus solution is an orange dye, which is extracted from moss.

3.

Litmus solution is an orange dye, which is extracted from lichen.

4.

Litmus solution is a purple dye, which is extracted from moss.

Question ID : 75189712792

Option 1 ID : 75189751167

Option 2 ID : 75189751166

Option 3 ID : 75189751165

Option 4 ID : 75189751168

Status : Answered

Chosen Option : 1

Q.23 What time is required for a 150 m long train to cross a 100 m long tunnel, if the train travels at a speed of 25 km/h?

Ans  1. 32 seconds

2. 36 seconds

3. 30 seconds

4. 25 seconds

Question ID : 75189713323

Option 1 ID : 75189753292

Option 2 ID : 75189753291

Option 3 ID : 75189753289

Option 4 ID : 75189753290

Status : Answered

Chosen Option : 2

Q.24 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. D lives on an odd numbered floor but not on floor number 3. Only two people live between D and A. C lives immediately above A. Only two people live between C and B. F lives on one of the floors below B but not on the lowermost floor. Who lives on floor number 4?

Ans  1. E

2. C

3. A

4. F

Question ID : 75189715228

Option 1 ID : 75189760912

Option 2 ID : 75189760911

Option 3 ID : 75189760910

Option 4 ID : 75189760909

Status : Answered

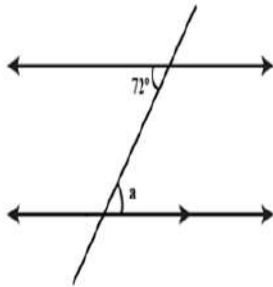
Chosen Option : 1

Q.25 Simplify  $(3^{-1} \times 6^{-1})^{-1} + 3^{-1}$

- Ans
- 1. 65
  - 2. 56
  - 3. 45
  - 4. 54

Question ID : 75189712896  
Option 1 ID : 75189751583  
Option 2 ID : 75189751584  
Option 3 ID : 75189751581  
Option 4 ID : 75189751582  
Status : Answered  
Chosen Option : 4

Q.26 In the given figure, a pair of parallel lines are intersected by a transversal. Find the value of angle a.



- Ans
- 1.  $96^\circ$
  - 2.  $36^\circ$
  - 3.  $108^\circ$
  - 4.  $72^\circ$

Question ID : 75189712088  
Option 1 ID : 75189748351  
Option 2 ID : 75189748350  
Option 3 ID : 75189748352  
Option 4 ID : 75189748349  
Status : Answered  
Chosen Option : 4

Q.27 The roots of the quadratic equations  $6x^2 - 11x + 3 = 0$  are:

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

Question ID : 75189712839  
Option 1 ID : 75189751354  
Option 2 ID : 75189751353  
Option 3 ID : 75189751356  
Option 4 ID : 75189751355  
Status : Answered  
Chosen Option : 2

Q.28 Delhi generally receives the monsoon showers from the \_\_\_\_\_ by the end of June (tentative date is 29th of June).

- Ans
- 1. Returning Monsoon
  - 2. Bay of Bengal branch
  - 3. Arabian Sea branch
  - 4. Mediterranean region branch

Question ID : 7518978900  
Option 1 ID : 75189735599  
Option 2 ID : 75189735597  
Option 3 ID : 75189735598  
Option 4 ID : 75189735600  
Status : Answered  
Chosen Option : 2

Q.29 Henry Louis Vivian Derozio was associated with which movement?

- Ans
- 1. Young Bengal Movement
  - 2. Theosophical Society
  - 3. Arya Samaj
  - 4. Prarthana Sabha

Question ID : 75189712125  
Option 1 ID : 75189748497  
Option 2 ID : 75189748498  
Option 3 ID : 75189748499  
Option 4 ID : 75189748500  
Status : Marked For Review  
Chosen Option : 1

**Q.30** In this question, a group of numbers/symbols is coded using letters as per the given table and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number / Symbol	\$	3	@	6	%	2	#	8	6	ψ	π	7	5	φ
Code	A	V	L	K	R	M	B	F	N	T	E	C	S	W

Conditions:

- (i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.
- (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

72π3@6

- Ans**
- 1. NMEVLC
  - 2. CMEVLN
  - 3. ©MCFL©
  - 4. ©MEVL©

Question ID : 75189715274  
 Option 1 ID : 75189761093  
 Option 2 ID : 75189761096  
 Option 3 ID : 75189761094  
 Option 4 ID : 75189761095  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

**Q.31** A student performed a reaction with zinc and sulphuric acid. zinc sulphate is formed along with a gas. Which gas is evolved?

- Ans**
- 1. Carbon monoxide
  - 2. Oxygen
  - 3. Carbon dioxide
  - 4. Hydrogen

Question ID : 75189715002  
 Option 1 ID : 75189760007  
 Option 2 ID : 75189760005  
 Option 3 ID : 75189760008  
 Option 4 ID : 75189760006  
 Status : Answered  
 Chosen Option : 4

**Q.32** P, Q, R, S, T and U are six different cars, each of a different weight. Q is heavier than only one car. S is heavier than Q. R is heavier than P. T is heavier than S. P is heavier than T. Which car among the six is the heaviest?

- Ans**
- 1. P
  - 2. R
  - 3. T
  - 4. S

Question ID : 7518977642  
 Option 1 ID : 75189730568  
 Option 2 ID : 75189730566  
 Option 3 ID : 75189730567  
 Option 4 ID : 75189730565  
 Status : Answered  
 Chosen Option : 2

**Q.33** Each of the digits in the number 7639482 is arranged in ascending order from right to left. The position of how many digits will remain unchanged as compared to that in the original number?

- Ans**
- 1. One
  - 2. None
  - 3. Three
  - 4. Two

Question ID : 75189713064  
Option 1 ID : 75189752254  
Option 2 ID : 75189752253  
Option 3 ID : 75189752256  
Option 4 ID : 75189752255  
Status : Answered  
Chosen Option : 4

**Q.34** In a chemical reaction, a substance gains hydrogen. This process is said to be \_\_\_\_\_.

- Ans**
- 1. bromination
  - 2. oxidation
  - 3. reduction
  - 4. chlorination

Question ID : 75189715149  
Option 1 ID : 75189760595  
Option 2 ID : 75189760596  
Option 3 ID : 75189760593  
Option 4 ID : 75189760594  
Status : Answered  
Chosen Option : 3

**Q.35** Among six friends A, B, C, D, E and F, each has a different height. Only two people are shorter than B. Only one person is taller than A. E is neither the tallest nor the shortest. C is shorter than E but taller than F. Who is the taller than B but shorter than A?

- Ans**
- 1. F
  - 2. C
  - 3. D
  - 4. E

Question ID : 75189714580  
Option 1 ID : 75189758320  
Option 2 ID : 75189758319  
Option 3 ID : 75189758317  
Option 4 ID : 75189758318  
Status : Answered  
Chosen Option : 1

Q.36 The Articles of the Indian Constitution are grouped into how many different parts?

- Ans
- 1. 22
  - 2. 12
  - 3. 395
  - 4. 8

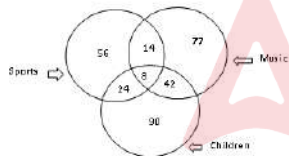
Question ID : 75189712416  
 Option 1 ID : 75189749663  
 Option 2 ID : 75189749662  
 Option 3 ID : 75189749664  
 Option 4 ID : 75189749661  
 Status : Answered  
 Chosen Option : 1

Q.37 Which of the following metals has least reactivity?

- Ans
- 1. Silver
  - 2. Mercury
  - 3. Sodium
  - 4. Gold

Question ID : 75189710376  
 Option 1 ID : 75189741502  
 Option 2 ID : 75189741504  
 Option 3 ID : 75189741503  
 Option 4 ID : 75189741501  
 Status : Answered  
 Chosen Option : 4

Q.38 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such children are there who like music but NOT sports?

- Ans
- 1. 50
  - 2. 42
  - 3. 56
  - 4. 8

Question ID : 75189713037  
 Option 1 ID : 75189752145  
 Option 2 ID : 75189752146  
 Option 3 ID : 75189752147  
 Option 4 ID : 75189752148  
 Status : Answered  
 Chosen Option : 2

**Q.39** Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Dogs are Barks.  
Some Barks are Trees.  
All Trees are Woods.

**Conclusions:**

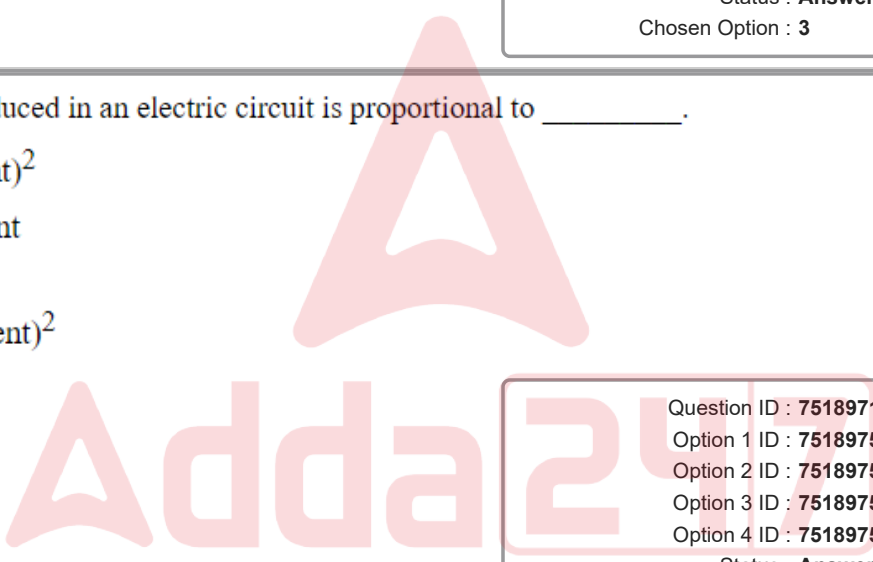
(I) Some Dogs are Trees.  
(II) Some Woods are Barks.

- Ans**
- 1. Only conclusion (I) follows.
  - 2. Neither conclusion (I) nor (II) follows.
  - 3. Only conclusion (II) follows.
  - 4. Both conclusions (I) and (II) follow.

Question ID : 75189714626  
 Option 1 ID : 75189758501  
 Option 2 ID : 75189758504  
 Option 3 ID : 75189758502  
 Option 4 ID : 75189758503  
 Status : Answered  
 Chosen Option : 3

**Q.40** The heat produced in an electric circuit is proportional to \_\_\_\_\_.

- Ans**
- 1. (current)<sup>2</sup>
  - 2. 1/current
  - 3. current
  - 4. 1/(current)<sup>2</sup>



Question ID : 75189713846  
 Option 1 ID : 75189755383  
 Option 2 ID : 75189755382  
 Option 3 ID : 75189755381  
 Option 4 ID : 75189755384  
 Status : Answered  
 Chosen Option : 1

**Q.41** If each of the letters in the word 'ACQUIRE' is arranged in alphabetical order, then how many letters will be there in the English alphabetical series between the letter that is fifth from the left end and the one that is first from the right end?

- Ans**
- 1. 3
  - 2. 4
  - 3. 5
  - 4. 2

Question ID : 7518974988  
 Option 1 ID : 75189719950  
 Option 2 ID : 75189719952  
 Option 3 ID : 75189719951  
 Option 4 ID : 75189719949  
 Status : Answered  
 Chosen Option : 1



Q.42 Find the mode of the given frequency distribution.

Marks	Frequency
51	3
29	4
85	6
40	7

- Ans
- 1. 51
  - 2. 7
  - 3. 85
  - 4. 40

Question ID : 75189713347  
Option 1 ID : 75189753385  
Option 2 ID : 75189753387  
Option 3 ID : 75189753386  
Option 4 ID : 75189753388  
Status : Answered  
Chosen Option : 4

Q.43 Which of the following is an example of combination reaction?

- Ans
- 1.  $2\text{H}_2(\text{g}) + \text{O}_2(\text{g}) \rightarrow 2\text{H}_2\text{O}(\text{l})$
  - 2.  $2\text{HCl}(\text{aq}) + 2\text{Na}(\text{s}) \rightarrow \text{NaCl}(\text{aq}) + \text{H}_2(\text{g})$
  - 3.  $\text{CH}_4(\text{g}) + 2\text{O}_2(\text{g}) \rightarrow \text{CO}_2(\text{g}) + 2\text{H}_2\text{O}(\text{g})$
  - 4.  $\text{HCl}(\text{aq}) + \text{NaOH}(\text{aq}) \rightarrow \text{NaCl}(\text{aq}) + \text{H}_2\text{O}(\text{l})$

Question ID : 75189715006  
Option 1 ID : 75189760022  
Option 2 ID : 75189760023  
Option 3 ID : 75189760024  
Option 4 ID : 75189760021  
Status : Answered  
Chosen Option : 1

Q.44 Which of the following options shows the main waste products produced by plants?

- Ans
- 1.  $\text{CO}_2$ ,  $\text{O}_2$  and water vapour
  - 2. Only  $\text{CO}_2$  and water vapour
  - 3. Only  $\text{O}_2$  and water vapour
  - 4. Only  $\text{CO}_2$  and  $\text{O}_2$

Question ID : 7518974553  
Option 1 ID : 75189718212  
Option 2 ID : 75189718211  
Option 3 ID : 75189718210  
Option 4 ID : 75189718209  
Status : Answered  
Chosen Option : 1

**Q.45** The total amount payable at maturity on a certain sum invested at simple interest at 8% p.a. for  $3\frac{1}{2}$  years exceeds the simple interest payable on the same sum at 10.5% p.a. for 12 years by ₹156. The sum (in ₹) is:

- Ans**
- 1. 7,800
  - 2. 8,000
  - 3. 7,500
  - 4. 8,200

Question ID : 75189712622  
Option 1 ID : 75189750486  
Option 2 ID : 75189750487  
Option 3 ID : 75189750485  
Option 4 ID : 75189750488  
Status : Answered  
Chosen Option : 1

**Q.46** Six colleagues are sitting around a circular table facing the centre. Amrita is sitting second to the left of Kavita. Meagan is sitting second to the right of Sabina. Rohan is an immediate neighbour of both Kavita and Amrita. Rochelle is an immediate neighbour of both Meagan and Sabina. Who is sitting to the immediate right of Meagan?

- Ans**
- 1. Sabina
  - 2. Rochelle
  - 3. Amrita
  - 4. Rohan

Question ID : 75189713015  
Option 1 ID : 75189752060  
Option 2 ID : 75189752059  
Option 3 ID : 75189752057  
Option 4 ID : 75189752058  
Status : Answered  
Chosen Option : 4

**Q.47** Find the least number which, when divided by 12, 16 and 18, leaves a remainder of 5 in each case.

- Ans**
- 1. 145
  - 2. 144
  - 3. 147
  - 4. 149

Question ID : 75189712930  
Option 1 ID : 75189751718  
Option 2 ID : 75189751717  
Option 3 ID : 75189751719  
Option 4 ID : 75189751720  
Status : Answered  
Chosen Option : 4

**Q.48** Hinduism encourages full participation in life through the Purusharthas – life goals. Which of the following is NOT one of them?

- Ans**
- 1. Moksha
  - 2. Sattva
  - 3. Kama
  - 4. Artha

Question ID : 75189712372  
Option 1 ID : 75189749488  
Option 2 ID : 75189749485  
Option 3 ID : 75189749487  
Option 4 ID : 75189749486  
Status : Not Answered  
Chosen Option : --

**Q.49** The cost of a camera is ₹25,000. A leather case costing ₹2,750 was also sold along with this. Arti bought these two items. After using them for few years, she sold them for ₹26,085. What is the loss percentage?

- Ans**
- 1. 5%
  - 2. 6%
  - 3. 4%
  - 4. 8%

Question ID : 75189712031  
Option 1 ID : 75189748124  
Option 2 ID : 75189748123  
Option 3 ID : 75189748121  
Option 4 ID : 75189748122  
Status : Answered  
Chosen Option : 4

**Q.50** One year ago, Praveena was four times as old as her daughter. Six years hence, Praveena's age will exceed twice her daughter's age by 7 years. What is the sum of their present ages?

- Ans**
- 1. 32 years
  - 2. 37 years
  - 3. 35 years
  - 4. 39 years

Question ID : 75189712835  
Option 1 ID : 75189751337  
Option 2 ID : 75189751339  
Option 3 ID : 75189751338  
Option 4 ID : 75189751340  
Status : Answered  
Chosen Option : 1

**Q.51** In which one of the following Indian state is Mawsynram located which is at present the wettest place in India, with an average annual rainfall of 11802.4 mm (average of the 1974-2022 period)?

- Ans**
- 1. Mizoram
  - 2. Assam
  - 3. Meghalaya
  - 4. Tripura

Question ID : 75189712506  
Option 1 ID : 75189750022  
Option 2 ID : 75189750024  
Option 3 ID : 75189750021  
Option 4 ID : 75189750023  
Status : Answered  
Chosen Option : 3

**Q.52** The present age of a father is 5 years more than three times the age of his daughter. Four years hence, the father's age will be 8 years more than twice the age of his daughter. The present age of the daughter is:

- Ans**
- 1. 6 years
  - 2. 7 years
  - 3. 8 years
  - 4. 9 years

Question ID : 75189712827  
Option 1 ID : 75189751305  
Option 2 ID : 75189751306  
Option 3 ID : 75189751307  
Option 4 ID : 75189751308  
Status : Answered  
Chosen Option : 2

**Q.53** Which of the following numbers will replace the question mark (?) in the given series?

4    8    35    51    176    ?

- Ans**
- 1. 234
  - 2. 208
  - 3. 212
  - 4. 226

Question ID : 75189712698  
Option 1 ID : 75189750789  
Option 2 ID : 75189750792  
Option 3 ID : 75189750790  
Option 4 ID : 75189750791  
Status : Answered  
Chosen Option : 3

**Q.54** 10 men can dig a well 50 feet deep in 8 days. How many men can dig a well 100 feet deep in 10 days?

- Ans**
- 1. 16
  - 2. 18
  - 3. 14
  - 4. 15

Question ID : 75189713329  
Option 1 ID : 75189753316  
Option 2 ID : 75189753313  
Option 3 ID : 75189753314  
Option 4 ID : 75189753315  
Status : Answered  
Chosen Option : 1

**Q.55** How many carbon atoms are arranged in the shape of a football like structure in fullerene?

- Ans**
- 1. 55
  - 2. 40
  - 3. 30
  - 4. 60

Question ID : 75189714752  
Option 1 ID : 75189759007  
Option 2 ID : 75189759006  
Option 3 ID : 75189759008  
Option 4 ID : 75189759005  
Status : Answered  
Chosen Option : 4

**Q.56** Sneha starts walking 5 m towards the east. She turns right and walks 5 m. Then she takes a left, walks 4 m and again takes a left. She walks 2 m and then again takes a left. She walks 3 m and then takes a right. She walks 2 m, takes a right again and walks 3 m. In which direction is she facing now? (All turns are 90 degree turns only)

- Ans**
- 1. North
  - 2. West
  - 3. South
  - 4. East

Question ID : 75189714256  
Option 1 ID : 75189757022  
Option 2 ID : 75189757021  
Option 3 ID : 75189757023  
Option 4 ID : 75189757024  
Status : Answered  
Chosen Option : 4

**Q.57** A man's monthly income is ₹50,000. He spends 25% of it on tax, 30% of the remaining income on household expenses, and 10% of the still remaining income on entertainment. He saves the remaining part of his income. How much money will the man save per year, assuming that the above data is same for all 12 months?

- Ans**
- 1. ₹2,83,050
  - 2. ₹2,38,500
  - 3. ₹2,83,500
  - 4. ₹2,85,300

Question ID : 75189713291  
Option 1 ID : 75189753161  
Option 2 ID : 75189753162  
Option 3 ID : 75189753164  
Option 4 ID : 75189753163  
Status : Answered  
Chosen Option : 3

**Q.58** Focal length of the concave lens of power 10 D is:

- Ans**
- 1. 0.1 m
  - 2. 10 m
  - 3. -10 m
  - 4. -0.1 m

Question ID : 75189714091  
Option 1 ID : 75189756362  
Option 2 ID : 75189756364  
Option 3 ID : 75189756363  
Option 4 ID : 75189756361  
Status : Answered  
Chosen Option : 4

**Q.59** In a Lions Club, 70% of the members are young and 30% of the members are old. The average age of the old members is 40 years and that of the young members is 20 years. What is the average age of all the members (in years)?

- Ans**
- 1. 26
  - 2. 22
  - 3. 28
  - 4. 24

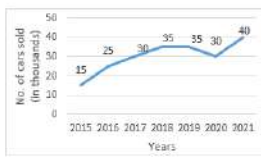
Question ID : 75189713443  
Option 1 ID : 75189753769  
Option 2 ID : 75189753772  
Option 3 ID : 75189753771  
Option 4 ID : 75189753770  
Status : Answered  
Chosen Option : 1

**Q.60** Launched in May 2020, which of the following scheme unifies all efforts related to digital/online/on-air education to enable coherent multi-mode access to education?

- Ans**
- 1. PM e-Vidya
  - 2. Samagra Shiksha
  - 3. Vidyanjali
  - 4. National Digital Education Architecture (NDEAR)

Question ID : 75189711106  
 Option 1 ID : 75189744423  
 Option 2 ID : 75189744424  
 Option 3 ID : 75189744422  
 Option 4 ID : 75189744421  
 Status : Answered  
 Chosen Option : 4

**Q.61** The following line graph shows number of cars sold by company A over the years. Study the graph and answer the question.



What is the respective ratio of the total cars sold by company A in 2015 and 2017 together to the total cars sold in 2019 and 2021 together?

- Ans**
- 1. 3 : 13
  - 2. 5 : 3
  - 3. 13 : 3
  - 4. 3 : 5

Question ID : 75189715195  
 Option 1 ID : 75189760778  
 Option 2 ID : 75189760777  
 Option 3 ID : 75189760780  
 Option 4 ID : 75189760779  
 Status : Answered  
 Chosen Option : 4

**Q.62** One side of a triangle is 7 metres longer than twice the smallest side. Another side is 5 metres longer than three times the smallest side. If the perimeter of the triangle is 90 metres, find the length of its smallest side.

- Ans**
- 1. 10 m
  - 2. 9 m
  - 3. 13 m
  - 4. 12 m

Question ID : 75189713360  
 Option 1 ID : 75189753438  
 Option 2 ID : 75189753440  
 Option 3 ID : 75189753437  
 Option 4 ID : 75189753439  
 Status : Answered  
 Chosen Option : 3

**Q.63** All 24 students of a class are standing in a straight row facing north. Amit is 3<sup>rd</sup> from the right end, while Maria is 3<sup>rd</sup> from the left end. How many students stand between Maria and Amit?

- Ans**
- 1. 17
  - 2. 18
  - 3. 14
  - 4. 16

Question ID : 75189714455  
Option 1 ID : 75189757818  
Option 2 ID : 75189757820  
Option 3 ID : 75189757817  
Option 4 ID : 75189757819  
Status : Answered  
Chosen Option : 2

**Q.64** Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?

$$19.99 - 10.01 + 24.99 \times 10.01 = ?$$

- Ans**
- 1. 280
  - 2. 265
  - 3. 270
  - 4. 260

Question ID : 75189711628  
Option 1 ID : 75189746512  
Option 2 ID : 75189746510  
Option 3 ID : 75189746511  
Option 4 ID : 75189746509  
Status : Answered  
Chosen Option : 4

**Q.65** 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.

BOOK : YLLP :: NOTE : MLGV :: WORD : ?

- Ans**
- 1. IWDL
  - 2. LDWI
  - 3. DLIW
  - 4. ILDW

Question ID : 75189711593  
Option 1 ID : 75189746369  
Option 2 ID : 75189746371  
Option 3 ID : 75189746370  
Option 4 ID : 75189746372  
Status : Answered  
Chosen Option : 3



**Q.66** In 1987, the United Nations Environment Programme (UNEP) succeeded in forging an agreement to freeze CFC production at \_\_\_\_\_ levels.

- Ans**
- 1. 1988
  - 2. 1986
  - 3. 1985
  - 4. 1967

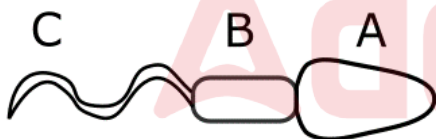
Question ID : 75189710268  
 Option 1 ID : 75189741072  
 Option 2 ID : 75189741069  
 Option 3 ID : 75189741071  
 Option 4 ID : 75189741070  
 Status : Answered  
 Chosen Option : 3

**Q.67** In which year Namami Gange Programme is an Integrated Conservation Mission approved as a Flagship Programme by the Union Government?

- Ans**
- 1. 2016
  - 2. 2014
  - 3. 2015
  - 4. 2013

Question ID : 75189710305  
 Option 1 ID : 75189741220  
 Option 2 ID : 75189741217  
 Option 3 ID : 75189741219  
 Option 4 ID : 75189741218  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

**Q.68** Which part of the human sperm is responsible for determination of sex of the zygote?



- Ans**
- 1. Part B only
  - 2. Part A only
  - 3. Parts A and B
  - 4. Parts B and C

Question ID : 75189712301  
 Option 1 ID : 75189749203  
 Option 2 ID : 75189749201  
 Option 3 ID : 75189749202  
 Option 4 ID : 75189749204  
 Status : Answered  
 Chosen Option : 3

**Q.69** The correct sign conventions for focal length ( $f$ ) and radius of curvature ( $R$ ) for the formation of images by spherical mirrors is:

- Ans**
- 1. for convex mirror  $f$  is negative,  $R$  is positive
  - 2. for convex mirror  $f$  is negative,  $R$  is negative
  - 3. for concave mirror  $f$  is positive,  $R$  is negative
  - 4. for concave mirror  $f$  is negative,  $R$  is negative

Question ID : 75189715089  
Option 1 ID : 75189760353  
Option 2 ID : 75189760355  
Option 3 ID : 75189760354  
Option 4 ID : 75189760356  
Status : Answered  
Chosen Option : 4

**Q.70** How many gold medals were secured by India at the Tokyo Olympics 2020?

- Ans**
- 1. Four
  - 2. Two
  - 3. One
  - 4. Three

Question ID : 75189713969  
Option 1 ID : 75189755876  
Option 2 ID : 75189755874  
Option 3 ID : 75189755873  
Option 4 ID : 75189755875  
Status : Answered  
Chosen Option : 3

**Q.71** Which of the following is one of the Central Government's schemes of interest subsidy on educational loans for overseas studies for students belonging to the minority communities?

- Ans**
- 1. Padho Videsh
  - 2. Nai Manzil
  - 3. Padho Pardesh
  - 4. Naya Savera

Question ID : 75189712350  
Option 1 ID : 75189749400  
Option 2 ID : 75189749398  
Option 3 ID : 75189749399  
Option 4 ID : 75189749397  
Status : Answered  
Chosen Option : 3

Q.72 Which of the following forms a part of the State Executive as per the Constitution of India?

- Ans
- 1. Attorney-General for India
  - 2. Vice President of India
  - 3. Governor of State
  - 4. Prime Minister of India

Question ID : 7518978598  
Option 1 ID : 75189734389  
Option 2 ID : 75189734390  
Option 3 ID : 75189734391  
Option 4 ID : 75189734392  
Status : Answered  
Chosen Option : 3

Q.73 In a parallelogram ABCD, if  $m\angle A = (3x + 16)^\circ$  and  $m\angle B = (2x + 24)^\circ$ , then find  $m\angle C$ .

- Ans
- 1.  $56^\circ$
  - 2.  $28^\circ$
  - 3.  $100^\circ$
  - 4.  $110^\circ$

Question ID : 75189713470  
Option 1 ID : 75189753878  
Option 2 ID : 75189753877  
Option 3 ID : 75189753879  
Option 4 ID : 75189753880  
Status : Answered  
Chosen Option : 3

Q.74 As of April 2022, to avail the scheme of Permanent Residency Status to Foreign Investors, how much investment a foreign investor will have to make within 18 months?

- Ans
- 1. ₹15 crore
  - 2. ₹10 crore
  - 3. ₹25 crore
  - 4. ₹20 crore

Question ID : 75189712464  
Option 1 ID : 75189749853  
Option 2 ID : 75189749854  
Option 3 ID : 75189749856  
Option 4 ID : 75189749855  
Status : Not Answered  
Chosen Option : --

**Q.75** A solid metallic cuboid of dimensions  $9\text{ cm} \times 32\text{ cm} \times 48\text{ cm}$  is melted and recast into 8 identical cubes. What is the sum of the lateral surface areas (in  $\text{cm}^2$ ) of 5 such cubes?

- Ans
- 1. 4320
  - 2. 3600
  - 3. 2880
  - 4. 2160

Question ID : 75189712653  
Option 1 ID : 75189750612  
Option 2 ID : 75189750611  
Option 3 ID : 75189750610  
Option 4 ID : 75189750609  
Status : Answered  
Chosen Option : 3

**Q.76**

Find the value of  $\sqrt{\frac{(0.05)^2 + (0.15)^2 + (0.053)^2}{0.005^2 + 0.015^2 + 0.0053^2}}$ .

- Ans
- 1.  $10^4$
  - 2. 10
  - 3.  $10^2$
  - 4.  $10^3$

Question ID : 75189712903  
Option 1 ID : 75189751612  
Option 2 ID : 75189751609  
Option 3 ID : 75189751610  
Option 4 ID : 75189751611  
Status : Marked For Review  
Chosen Option : 2

**Q.77** A current flowing through a 10 ohm resistor per second in which 360 J energy is produced is \_\_\_\_\_.

- Ans
- 1. 90 amp
  - 2. 6 amp
  - 3. 3600 amp
  - 4. 36 amp

Question ID : 75189713831  
Option 1 ID : 75189755321  
Option 2 ID : 75189755323  
Option 3 ID : 75189755322  
Option 4 ID : 75189755324  
Status : Answered  
Chosen Option : 3

**Q.78** In which of the pairs of numbers below none of the two numbers is a prime number, but the two numbers are co-primes?

- Ans**
- 1. (21, 35)
  - 2. (8, 25)
  - 3. (11, 17)
  - 4. (19, 27)

Question ID : 75189712919  
Option 1 ID : 75189751675  
Option 2 ID : 75189751674  
Option 3 ID : 75189751673  
Option 4 ID : 75189751676  
Status : Answered  
Chosen Option : 2

**Q.79** Under which Article of the Constitution of India do we consider Hindi in Devanagari script as an official language of India?

- Ans**
- 1. Article 347
  - 2. Article 351
  - 3. Article 343
  - 4. Article 336

Question ID : 75189713997  
Option 1 ID : 75189755986  
Option 2 ID : 75189755987  
Option 3 ID : 75189755988  
Option 4 ID : 75189755985  
Status : Answered  
Chosen Option : 3

**Q.80** Identify the correct definition of Long Run Marginal Cost (LRMC) from the following.

- Ans**
- 1. The change in total cost per unit of change in output.
  - 2. The change in average expense per unit of change in output.
  - 3. The change in marginal cost per unit of change in input.
  - 4. The change in total expense per unit of change in input.

Question ID : 75189712487  
Option 1 ID : 75189749948  
Option 2 ID : 75189749946  
Option 3 ID : 75189749947  
Option 4 ID : 75189749945  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.81 Why were noble gases NOT included in the Newlands law of octaves?

- Ans
- 1. These elements were not known at that time.
  - 2. These elements do not follow the law of octaves.
  - 3. These elements do not follow the octet rule.
  - 4. These elements are inert.

Question ID : 75189712815

Option 1 ID : 75189751259

Option 2 ID : 75189751258

Option 3 ID : 75189751257

Option 4 ID : 75189751260

Status : Answered

Chosen Option : 1

Q.82 Read the given statement and conclusions carefully. Assuming that the information given in the statement is true, decide which of the given conclusions logically follow(s) from the statement.

Statement:

Infants born alive before 37 weeks of pregnancy are called Preterm babies.

Conclusions:

I. Babies born before 37 weeks of pregnancy have issues in adjusting properly in the world outside their mother's womb and need to be in a Neonatal Intensive Care Unit for durations varying from a few days to several weeks.

II. Infants born after 37 weeks of pregnancy are called full term babies and are completely healthy.

- Ans
- 1. Only conclusion II follows
  - 2. Both the conclusions follow
  - 3. Only conclusion I follows
  - 4. Neither conclusion I nor II follows

Question ID : 75189714978

Option 1 ID : 75189759910

Option 2 ID : 75189759911

Option 3 ID : 75189759909

Option 4 ID : 75189759912

Status : Answered

Chosen Option : 3

Q.83 Which of the following alphanumeric-clusters will replace the question mark (?) in the given series to make it logically complete?

SU5, UR7, WO11, YL13, ?

- Ans
- 1. AI17
  - 2. AO17
  - 3. AH19
  - 4. AN15

Question ID : 7518979745

Option 1 ID : 75189738979

Option 2 ID : 75189738977

Option 3 ID : 75189738980

Option 4 ID : 75189738978

Status : Answered

Chosen Option : 1

**Q.84** A certain number of people are sitting in a row, facing north. R sits third to the right of P. Q is an immediate neighbour of both R and M. M is not an immediate neighbour of P. Exactly four people sit between M and T. If no other person is sitting in the row, what is the total number of people seated in the row?

- Ans**
- 1. 12
  - 2. 9
  - 3. 11
  - 4. 10

Question ID : 75189714904  
Option 1 ID : 75189759616  
Option 2 ID : 75189759613  
Option 3 ID : 75189759615  
Option 4 ID : 75189759614  
Status : Answered  
Chosen Option : 3

**Q.85** The value of the discriminant of the quadratic equation  $9x + 2x^2 = 5$  is:

- Ans**
- 1. 41
  - 2. 184
  - 3. -176
  - 4. 121

Question ID : 75189713386  
Option 1 ID : 75189753541  
Option 2 ID : 75189753542  
Option 3 ID : 75189753543  
Option 4 ID : 75189753544  
Status : Answered  
Chosen Option : 2

**Q.86** Refer to the following letter series and answer the question.

MOVEOIFVASKCOSDVINS DINIS

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

- Ans**
- 1. One
  - 2. Three
  - 3. Two
  - 4. Four

Question ID : 7518978253  
Option 1 ID : 75189733009  
Option 2 ID : 75189733011  
Option 3 ID : 75189733010  
Option 4 ID : 75189733012  
Status : Answered  
Chosen Option : 3

**Q.87** Hema is the mother of Deeksha. 10 years ago, the age of Hema was 3 times the then age of Deeksha. After 10 years, Hema will be twice as old as Deeksha will then be. Find the present age (in years) of Deeksha.

- Ans**
- 1. 20
  - 2. 15
  - 3. 50
  - 4. 30

Question ID : 75189713371  
Option 1 ID : 75189753481  
Option 2 ID : 75189753483  
Option 3 ID : 75189753484  
Option 4 ID : 75189753482  
Status : Answered  
Chosen Option : 4

**Q.88** Which of the following is NOT an animal-produced nitrogenous waste product?

- Ans**
- 1. Uric acid
  - 2. Ammonia
  - 3. Lactic acid
  - 4. Urea

Question ID : 7518974405  
Option 1 ID : 75189717618  
Option 2 ID : 75189717619  
Option 3 ID : 75189717620  
Option 4 ID : 75189717617  
Status : Answered  
Chosen Option : 3

**Q.89** Which group of elements constitutes a triad?

- Ans**
- 1. N(14.0), P(30.9), As(74.9)
  - 2. B(10.8), Al(27.0), Ga(69.7)
  - 3. F(19.0), Cl(35.5), Br(79.9)
  - 4. Li(6.9), Na(23.0), K(39.1)

Question ID : 7518979674  
Option 1 ID : 75189738696  
Option 2 ID : 75189738694  
Option 3 ID : 75189738693  
Option 4 ID : 75189738695  
Status : Answered  
Chosen Option : 4



**Q.90** In the case of reflection from a concave mirror, if the object distance is 5 cm and the image distance is 2 cm then magnification produced by the mirror is:

- Ans**
- ✓ 1.  $-2/5$
  - ✗ 2.  $2/5$
  - ✗ 3.  $-5/2$
  - ✗ 4.  $5/2$

Question ID : 75189714090  
Option 1 ID : 75189756357  
Option 2 ID : 75189756358  
Option 3 ID : 75189756359  
Option 4 ID : 75189756360  
Status : Answered  
Chosen Option : 1

**Q.91** Which of the following is considering as balanced food in itself and good for adolescents?

- Ans**
- ✓ 1. Milk
  - ✗ 2. Pulses
  - ✗ 3. Vegetables
  - ✗ 4. Roti/Rice

Question ID : 75189714833  
Option 1 ID : 75189759331  
Option 2 ID : 75189759330  
Option 3 ID : 75189759332  
Option 4 ID : 75189759329  
Status : Answered  
Chosen Option : 4

**Q.92** Which of the following teams won the Indian Premier League (IPL) 2022?

- Ans**
- ✗ 1. Lucknow Super Giants
  - ✗ 2. Royal Challengers Bangalore
  - ✗ 3. Rajasthan Royals
  - ✓ 4. Gujarat Titans

Question ID : 75189712537  
Option 1 ID : 75189750147  
Option 2 ID : 75189750148  
Option 3 ID : 75189750146  
Option 4 ID : 75189750145  
Status : Answered  
Chosen Option : 4

**Q.93** Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Baskets are Canes.  
Some Canes are Woods.  
All Woods are Forests.

**Conclusions:**

(I) All Canes are Forests.  
(II) Some Baskets are Woods.

- Ans**
- 1. Only conclusion (I) follows.
  - 2. Neither conclusion (I) nor (II) follows.
  - 3. Both conclusions (I) and (II) follow.
  - 4. Only conclusion (II) follows.

Question ID : 75189714615  
Option 1 ID : 75189758457  
Option 2 ID : 75189758460  
Option 3 ID : 75189758459  
Option 4 ID : 75189758458  
Status : Answered  
Chosen Option : 2

**Q.94** Study the given series and answer the question that follows (all numbers are single digit numbers only).

4 7 2 1 8 6 9 1 2 5 3 1 9 4 7 1 8 3 5 6 8 2 7 1 8 5 6 9

How many such even digits are there each of which is immediately preceded by a perfect square and immediately followed by an odd digit (NOTE: 1 is also a perfect square)?

- Ans**
- 1. Five
  - 2. Two
  - 3. Three
  - 4. Four

Question ID : 75189713919  
Option 1 ID : 75189755676  
Option 2 ID : 75189755673  
Option 3 ID : 75189755674  
Option 4 ID : 75189755675  
Status : Answered  
Chosen Option : 3

**Q.95** The device which converts chemical energy to electrical energy is called \_\_\_\_\_.

- Ans**
- 1. resistor
  - 2. voltaic cell
  - 3. voltmeter
  - 4. ammeter

Question ID : 75189713777  
Option 1 ID : 75189755107  
Option 2 ID : 75189755108  
Option 3 ID : 75189755106  
Option 4 ID : 75189755105  
Status : Answered  
Chosen Option : 2

Q.96 Which of the following pathways correctly shows the transportation of water from soil to leaves?

Ans  1.

Soil → root cortex → root hairs → xylem of roots → phloem of roots → phloem of stem → phloem of leaf

2.

Soil → root hairs → xylem of roots → phloem of roots → xylem of leaf

3.

Soil → root hairs → root cortex → xylem of roots → phloem of leaf

4.

Soil → root hairs → root cortex → xylem of roots → xylem of stem → xylem of leaf

Question ID : 7518977804

Option 1 ID : 75189731214

Option 2 ID : 75189731215

Option 3 ID : 75189731216

Option 4 ID : 75189731213

Status : Answered

Chosen Option : 4

Q.97 20, 38, 40 and x are in proportion. Find the value of x.

Ans  1. 66

2. 76

3. 70

4. 74

Question ID : 75189712949

Option 1 ID : 75189751793

Option 2 ID : 75189751796

Option 3 ID : 75189751794

Option 4 ID : 75189751795

Status : Answered

Chosen Option : 2

Q.98 The value of  $\sin 30^\circ - \cos 60^\circ + \tan 45^\circ + \operatorname{cosec} 60^\circ$  is:

Ans

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

2.  $\frac{3 + 2\sqrt{3}}{3}$

3.  $\frac{2\sqrt{3}}{3}$

4. 2

Question ID : 75189713416

Option 1 ID : 75189753661

Option 2 ID : 75189753662

Option 3 ID : 75189753663

Option 4 ID : 75189753664

Status : Answered

Chosen Option : 2

Q.99 Electric motor works on the principle of \_\_\_\_\_. It converts \_\_\_\_\_ energy into \_\_\_\_\_ energy.

- Ans
- 1. Fleming's Left Hand Rule, electrical, mechanical
  - 2. Fleming's Right Hand Rule, mechanical, electrical
  - 3. Fleming's Left Hand Rule, mechanical, electrical
  - 4. Fleming's Right Hand Rule, electrical, mechanical

Question ID : 75189715109

Option 1 ID : 75189760434

Option 2 ID : 75189760435

Option 3 ID : 75189760436

Option 4 ID : 75189760433

Status : Answered

Chosen Option : 1

Q.100 Under Article 243 S of the Constitution of India, there is a provision for constitution of Ward Committees within the territorial area of a Municipality having a population of \_\_\_\_\_ or more.

- Ans
- 1. four lakh
  - 2. one lakh
  - 3. three lakh
  - 4. two lakh

Question ID : 75189712433

Option 1 ID : 75189749732

Option 2 ID : 75189749729

Option 3 ID : 75189749731

Option 4 ID : 75189749730

Status : Answered

Chosen Option : 3