



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.

1. Options shown in green color with a tick icon are correct.

2. 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

Q.3

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

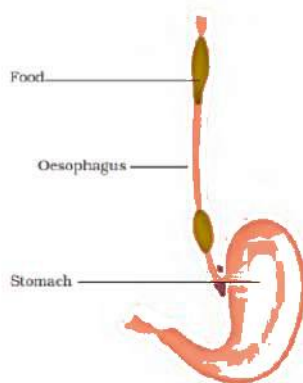
Option 3 ID : 75189753242

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

- 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

- 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 cm × 2 cm × 8 cm. What is the volume of the toy?

- Ans
- ☒ 1. 215 cm³
 - ☒ 2. 250 cm³
 - ☒ 3. 205 cm³
 - ☒ 4. 225 cm³

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

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

Question ID : 75189714640

Option 1 ID : 75189758559

Option 2 ID : 75189758558

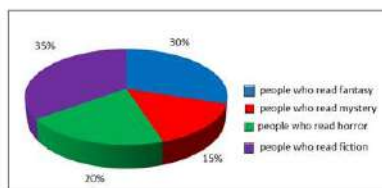
Option 3 ID : 75189758557

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

- 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

- 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

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

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

Question ID : 75189712896

Option 1 ID : 75189751583

Option 2 ID : 75189751584

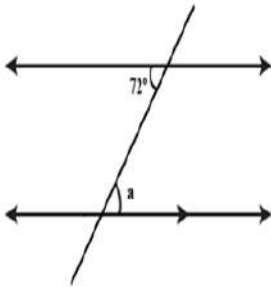
Option 3 ID : 75189751581

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°
 - ☒ 2. 36°
 - ☒ 3. 108°
 - ☒ 4. 72°

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

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	9	+	7	5	0
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

- 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

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

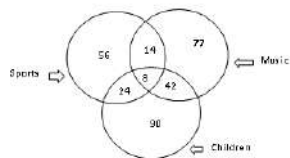
Option 3 ID : 75189741503

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)²
 - ☒ 2. 1/current
 - ☒ 3. current
 - ☒ 4. 1/(current)²

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. CO_2 , O_2 and water vapour
 - ☒ 2. Only CO_2 and water vapour
 - ☒ 3. Only O_2 and water vapour
 - ☒ 4. Only CO_2 and 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

- 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. Anrita 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 Anrita. 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

- 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

- 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

- 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

- 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

- 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

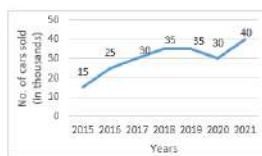
Option 3 ID : 75189744422

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

- 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

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

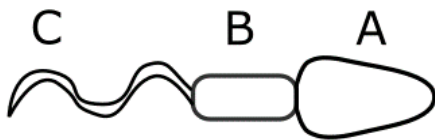
Question ID : 75189710268
Option 1 ID : 75189741072
Option 2 ID : 75189741069
Option 3 ID : 75189741071
Option 4 ID : 75189741070
Status : Answered
Chosen Option : 3

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

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

- 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°
 - ☒ 2. 28°
 - ☒ 3. 100°
 - ☒ 4. 110°

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

- 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

- 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

- 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

- 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.

MOVEOIFVASKCOSDVINSDINIS

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

- 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

- 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

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

- 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