



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	iON Digital Zone iDZ 1 Mathura Road
Test Date	16/09/2022
Test Time	12:45 PM - 2:15 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 Study the following table and answer the question given below.

Name of the Company	Sale (in lakhs)		
	1999	2000	2001
ACG	32	43	35
TYD	61	52	29
POD	54	25	36
BKN	19	38	52

Which company has the highest total sale value over the three years. What is the difference between the value of the highest combined sales and the lowest combined sales registered by any company from 1999 to 2001.

- Ans
- ☒ 1. BKN, ₹27,00,000
 - ☒ 2. TYD, ₹27,00,000
 - ☒ 3. TYD, ₹33,00,000
 - ☒ 4. BKN, ₹33,00,000

Question ID : 75189711257

Option 1 ID : 75189745026

Option 2 ID : 75189745025

Option 3 ID : 75189745027

Option 4 ID : 75189745028

Status : Answered

Chosen Option : 3

Q.2

- Ans ☒ 1. Nathu La
☒ 2. Auden's Col
☒ 3. Chanshal Pass
☒ 4. Baraclacha La

Question ID : 75189710480

Option 1 ID : 75189741920

Option 2 ID : 75189741917

Option 3 ID : 75189741919

Option 4 ID : 75189741918

Status : Answered

Chosen Option : 1

Q.3 Through which organ is air taken into the body of human beings?

- Ans ☒ 1. Wind pipe
☒ 2. Alveoli
☒ 3. Nostrils
☒ 4. Bronchi

Question ID : 7518977828

Option 1 ID : 75189731310

Option 2 ID : 75189731311

Option 3 ID : 75189731309

Option 4 ID : 75189731312

Status : Answered

Chosen Option : 3

Q.4 The ratio of the lengths of two corresponding sides of two similar triangles is 2 : 1. The ratio of the areas of these two triangles, in the order mentioned, is:

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

Question ID : 75189710040

Option 1 ID : 75189740159

Option 2 ID : 75189740158

Option 3 ID : 75189740160

Option 4 ID : 75189740157

Status : Answered

Chosen Option : 3

Q.5

- Ans
- ☒ 1. Lord Ripon
 - ☒ 2. Lord Dalhousie
 - ☒ 3. Lord William Bentinck
 - ☒ 4. Lord Canning

Question ID : 7518979371
Option 1 ID : 75189737481
Option 2 ID : 75189737484
Option 3 ID : 75189737482
Option 4 ID : 75189737483

Status : Answered
Chosen Option : 2

Q.6 A shopkeeper purchased 70 kg of onions for ₹560 and sold the whole lot at the rate of ₹10 per kg. What will be his gain percentage?

- Ans
- ☒ 1. 28%
 - ☒ 2. 17.5%
 - ☒ 3. 25%
 - ☒ 4. 20%

Question ID : 75189710658
Option 1 ID : 75189742630
Option 2 ID : 75189742629
Option 3 ID : 75189742631
Option 4 ID : 75189742632

Status : Answered
Chosen Option : 3

Q.7 Six Human Rights conferences are planned in six cities- Mumbai, Delhi, Kolkata, Chennai, Lucknow and Bangalore- between July to December in the same year (but not necessarily in the same order). Each conference was planned in a different month. Only the Delhi conference is planned between the Chennai and Bangalore conferences. The Chennai conference is in October. Only two conferences are planned before the Kolkata's conference. The Mumbai conference is immediately after the Lucknow conference. Which city will have the last conference in the year?

- Ans
- ☒ 1. Kolkata
 - ☒ 2. Chennai
 - ☒ 3. Bangalore
 - ☒ 4. Mumbai

Question ID : 75189710760
Option 1 ID : 75189743039
Option 2 ID : 75189743038
Option 3 ID : 75189743037
Option 4 ID : 75189743040

Status : Answered
Chosen Option : 3

Q.8

- Ans  1. ₹82,610
 2. ₹80,000
 3. ₹80,530
 4. ₹79,460

Question ID : 7518979940
Option 1 ID : 75189739757
Option 2 ID : 75189739758
Option 3 ID : 75189739759
Option 4 ID : 75189739760

Status : Answered

Chosen Option : 2

Q.9 Six people, S, T, V, W, X and Y are sitting in a straight line, facing North (but not necessarily in the same order). Only two people sit to the right of S. Only two people sit between W and S. V sits at one of the extreme ends. Y sits to the immediate left of V. T is not an immediate neighbour of S. Who is sitting at the extreme left end?

- Ans  1. W
 2. X
 3. T
 4. S

Question ID : 75189710741
Option 1 ID : 75189742963
Option 2 ID : 75189742964
Option 3 ID : 75189742962
Option 4 ID : 75189742961

Status : Answered

Chosen Option : 1

Q.10 Initially, how many languages were included in the 8th Schedule of the Indian Constitution?

- Ans  1. 12
 2. 10
 3. 13
 4. 14

Question ID : 75189710441
Option 1 ID : 75189741762
Option 2 ID : 75189741761
Option 3 ID : 75189741763
Option 4 ID : 75189741764

Status : Answered

Chosen Option : 1

Q.11

- Ans ☒ 1. 30 and 10
☒ 2. 30 and 5
☒ 3. 40 and 5
☒ 4. 40 and 10

Question ID : 7518979292

Option 1 ID : 75189737168

Option 2 ID : 75189737166

Option 3 ID : 75189737167

Option 4 ID : 75189737165

Status : Answered

Chosen Option : 4

Q.12 Which of the following statements is INCORRECT about photosynthesis?

- Ans ☒ 1.
Photosynthesis involves oxidation of carbon dioxide to carbohydrates
☒ 2.
Photosynthesis is about conversion of light energy to chemical energy
☒ 3.
Photosynthesis is about Absorption of light energy by chlorophyll.
☒ 4.
Photosynthesis includes splitting of water molecules into hydrogen and oxygen

Question ID : 75189710146

Option 1 ID : 75189740584

Option 2 ID : 75189740582

Option 3 ID : 75189740581

Option 4 ID : 75189740583

Status : Answered

Chosen Option : 1

Q.13 If 35% of x = 40% of y, then x : y is _____.

- Ans ☒ 1. 8 : 7
☒ 2. 8 : 9
☒ 3. 9 : 8
☒ 4. 7 : 8

Question ID : 75189710642

Option 1 ID : 75189742566

Option 2 ID : 75189742567

Option 3 ID : 75189742568

Option 4 ID : 75189742565

Status : Answered

Chosen Option : 1

Q.14

- Ans  1. Hockey
-  2. Wrestling
-  3. Cricket
-  4. Badminton

Question ID : **7518976464**
Option 1 ID : **75189725853**
Option 2 ID : **75189725856**
Option 3 ID : **75189725854**
Option 4 ID : **75189725855**
Status : **Not Answered**
Chosen Option : --

Q.15 This question is based on the five, three-digit numbers given below.

(Left) 648 545 317 653 476 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

What will be the resultant if the second digit of the largest number is added to the first digit of smallest number?

- Ans  1. 9
-  2. 11
-  3. 7
-  4. 8

Question ID : **7518979174**
Option 1 ID : **75189736693**
Option 2 ID : **75189736696**
Option 3 ID : **75189736695**
Option 4 ID : **75189736694**
Status : **Answered**
Chosen Option : 4

Q.16 Which of the following is required for the breakdown of glucose in human cells to provide energy?

- Ans  1. Oxygen
-  2. Hydrogen
-  3. Nitrogen
-  4. Carbon dioxide

Question ID : **75189710336**
Option 1 ID : **75189741342**
Option 2 ID : **75189741344**
Option 3 ID : **75189741343**
Option 4 ID : **75189741341**
Status : **Answered**
Chosen Option : 1

Q.17

- Ans
- ☐ 1. Eight
 - ☐ 2. Eleven
 - ☐ 3. Ten
 - ☒ 4. Nine

Question ID : 75189710771
Option 1 ID : 75189743081
Option 2 ID : 75189743084
Option 3 ID : 75189743083
Option 4 ID : 75189743082
Status : Answered
Chosen Option : 4

Q.18 Which of the following gases is evolved when zinc granules are added to hydrochloric acid?

- Ans
- ☐ 1. O₂
 - ☐ 2. OCl₂
 - ☐ 3. Cl₂
 - ☒ 4. H₂

Question ID : 75189710348
Option 1 ID : 75189741390
Option 2 ID : 75189741391
Option 3 ID : 75189741389
Option 4 ID : 75189741392
Status : Answered
Chosen Option : 4

Q.19 What is the term used for a pricing method in which companies group several products together and sell them at a single price?

- Ans
- ☐ 1. Competitive pricing
 - ☐ 2. Skimming pricing
 - ☒ 3. Bundle pricing
 - ☐ 4. Premium pricing

Question ID : 75189710577
Option 1 ID : 75189742308
Option 2 ID : 75189742305
Option 3 ID : 75189742307
Option 4 ID : 75189742306
Status : Not Answered
Chosen Option : --

Q.20 Select the option that is related to the fifth number in the same way as the second number is related to the first number, the fourth number is related to the third number.

15 : 2 :: 255 : 4 :: 624 : ?

- Ans**
- ☒ 1. 3
 - ☒ 2. 9
 - ☒ 3. 8
 - ☒ 4. 5

Question ID : 75189711233

Option 1 ID : 75189744931

Option 2 ID : 75189744930

Option 3 ID : 75189744929

Option 4 ID : 75189744932

Status : Answered

Chosen Option : 4

Q.21 Refer to the following letter series and answer the question.

(Left) R E S I C X Z H G U K E W A T E Y M Q D F (Right)

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

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

Question ID : 75189710846

Option 1 ID : 75189743383

Option 2 ID : 75189743382

Option 3 ID : 75189743381

Option 4 ID : 75189743384

Status : Answered

Chosen Option : 2

Q.22 Ravi's salary was first reduced by 50% and subsequently raised by 50%. How much lower was his final salary compared to his initial salary?

- Ans**
- ☒ 1. 25%
 - ☒ 2. 21%
 - ☒ 3. 32%
 - ☒ 4. 24%

Question ID : 75189710638

Option 1 ID : 75189742551

Option 2 ID : 75189742549

Option 3 ID : 75189742552

Option 4 ID : 75189742550

Status : Answered

Chosen Option : 1

Q.23

Ans

- ✓ 1. properties
- ✗ 2. natural occurrence
- ✗ 3. synthesis in a laboratory
- ✗ 4. abundance

Question ID : 7518979670

Option 1 ID : 75189738680

Option 2 ID : 75189738677

Option 3 ID : 75189738678

Option 4 ID : 75189738679

Status : Answered

Chosen Option : 1

Q.24 In an electric circuit, where 5 lamps are connected in series, if the power, voltage, current and resistance are represented by P, V, I and R, respectively, then which of the following relations holds true?

Ans

- ✗ 1. $P = \frac{V}{R^2}$
- ✓ 2. $P = I^2 R$
- ✗ 3. $P = V^2 \times R$
- ✗ 4. $P = IR^2$

Question ID : 75189711353

Option 1 ID : 75189745411

Option 2 ID : 75189745409

Option 3 ID : 75189745410

Option 4 ID : 75189745412

Status : Answered

Chosen Option : 2

Q.25 An object is placed in front of a concave lens at a distance d. An erect image of the object is formed at d/3. If the focal length of the lens is 15 cm, then d is equal to:

Ans

- ✗ 1. 25 cm
- ✗ 2. 20 cm
- ✗ 3. 15 cm
- ✓ 4. 30 cm

Question ID : 75189711284

Option 1 ID : 75189745135

Option 2 ID : 75189745134

Option 3 ID : 75189745133

Option 4 ID : 75189745136

Status : Answered

Chosen Option : 4

Q.26

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

Question ID : 7518979819

Option 1 ID : 75189739276

Option 2 ID : 75189739274

Option 3 ID : 75189739273

Option 4 ID : 75189739275

Status : Answered

Chosen Option : 3

Q.27 एक किसान एक बगीचे में तीन अलग-अलग प्रकार के पौधे समान संख्या में लगाता है। एक प्रकार के सभी पौधे एक आयत के रूप में लगाए जाते हैं, जिनमें से किसी भी आयत में एक से अधिक प्रकार के पौधे नहीं लगाए जाते हैं, और किसी भी प्रकार का कोई भी पौधा शेष नहीं बचता है। सभी पौधे लगाने के बाद, पौधे A वाले आयत में 70 पंक्तियां थीं, पौधे B वाले आयत में 28 पंक्तियां थीं, और पौधे C वाले आयत में 42 पंक्तियां थीं। बगीचे में किसान द्वारा लगाए गए प्रत्येक प्रकार के पौधों की न्यूनतम संख्या ज्ञात कीजिए।

- Ans
- ☒ 1. 140
 - ☒ 2. 210
 - ☒ 3. 420
 - ☒ 4. 70

Question ID : 75189710634

Option 1 ID : 75189742536

Option 2 ID : 75189742534

Option 3 ID : 75189742535

Option 4 ID : 75189742533

Status : Answered

Chosen Option : 3

Q.28 A man deposits ₹8,000 at 10% rate of simple interest per annum. The total amount he will get at the end of 2 years is:

- Ans
- ☒ 1. ₹9,800
 - ☒ 2. ₹9,200
 - ☒ 3. ₹9,760
 - ☒ 4. ₹9,600

Question ID : 7518979936

Option 1 ID : 75189739743

Option 2 ID : 75189739742

Option 3 ID : 75189739741

Option 4 ID : 75189739744

Status : Answered

Chosen Option : 4

Q.29

- Ans  1. 80%
-  2. 100%
-  3. 90%
-  4. 85%

Question ID : **75189710457**

Option 1 ID : **75189741825**

Option 2 ID : **75189741828**

Option 3 ID : **75189741827**

Option 4 ID : **75189741826**

Status : **Not Answered**

Chosen Option : --

Q.30 The average weight of 32 parcels was recorded as 96 kg. If the weight of one more parcel is included, the average is increased by 2 kg. The weight of the new parcel is:

- Ans  1. 192 kg
-  2. 162 kg
-  3. 182 kg
-  4. 172 kg

Question ID : **7518978714**

Option 1 ID : **75189734853**

Option 2 ID : **75189734856**

Option 3 ID : **75189734854**

Option 4 ID : **75189734855**

Status : **Answered**

Chosen Option : **2**

Q.31 Which of the following options DO NOT fit in the 3 R's of waste management?

- Ans  1. Reduce
-  2. Refuse
-  3. Reuse
-  4. Recycle

Question ID : **7518974482**

Option 1 ID : **75189717925**

Option 2 ID : **75189717926**

Option 3 ID : **75189717927**

Option 4 ID : **75189717928**

Status : **Answered**

Chosen Option : **2**

Q.32

- Ans  1. J
 2. F
 3. B
 4. Q

Question ID : **7518978247**
Option 1 ID : **75189732985**
Option 2 ID : **75189732987**
Option 3 ID : **75189732986**
Option 4 ID : **75189732988**
Status : **Answered**
Chosen Option : **2**

Q.33 Ramu is younger than Sunil by 8 years. If their present ages are in the ratio of 7 : 9, then how old is Ramu?

- Ans  1. 72 years
 2. 36 years
 3. 28 years
 4. 56 years

Question ID : **75189710704**
Option 1 ID : **75189742814**
Option 2 ID : **75189742815**
Option 3 ID : **75189742816**
Option 4 ID : **75189742813**
Status : **Answered**
Chosen Option : **3**

Q.34 Study the following table and answer the question.

Goods	Profit (in lakhs)		
	2017	2019	2021
Refrigerator	32	15	43
Fan	47	26	54
Television	28	32	62
Mobile	61	45	47

Which goods earned the maximum combined profit in the given three years , and by what percentage is the profit of the highest profitable goods more than the profit of the lowest profitable goods in the year 2019?

Ans  1. Mobile, 200%

 2. Mobile, 300%

 3. Fan, 200%

 4. Fan, 300%

Question ID : **75189711258**

Option 1 ID : **75189745029**

Option 2 ID : **75189745031**

Option 3 ID : **75189745032**

Option 4 ID : **75189745030**

Status : **Answered**

Chosen Option : **1**

Q.35 Which of the following belongs to the homologous series of alkenes?

Ans  1. C_6H_{14}

 2. $C_{10}H_{18}$

 3. $C_{10}H_{22}$

 4. $C_{10}H_{20}$

Question ID : **7518979603**

Option 1 ID : **75189738409**

Option 2 ID : **75189738410**

Option 3 ID : **75189738411**

Option 4 ID : **75189738412**

Status : **Answered**

Chosen Option : **4**

Q.36

- Ans
- ☒ 1. ATAL Innovation Mission
 - ☒ 2. ASPIRE
 - ☒ 3. Hunar Haat
 - ☒ 4. SAMRIDH Scheme

Question ID : 75189710419

Option 1 ID : 75189741674

Option 2 ID : 75189741676

Option 3 ID : 75189741673

Option 4 ID : 75189741675

Status : Answered

Chosen Option : 3

Q.37 Mahesh withdrew ₹2,000 from a bank. He received a total of 32 notes of ₹50 and ₹100 denominations. The number of ₹50 notes received by him was:

- Ans
- ☒ 1. 24
 - ☒ 2. 8
 - ☒ 3. 16
 - ☒ 4. 32

Question ID : 7518979996

Option 1 ID : 75189739983

Option 2 ID : 75189739981

Option 3 ID : 75189739982

Option 4 ID : 75189739984

Status : Answered

Chosen Option : 1

Q.38 Which of the following decreasing orders is correct for reactivity of metals?

- Ans
- ☒ 1. $\text{Al} > \text{Cu} > \text{Hg} > \text{Ca}$
 - ☒ 2. $\text{Al} > \text{Ca} > \text{Cu} > \text{Hg}$
 - ☒ 3. $\text{Ca} > \text{Al} > \text{Cu} > \text{Hg}$
 - ☒ 4. $\text{Al} > \text{Cu} > \text{Ca} > \text{Hg}$

Question ID : 75189710375

Option 1 ID : 75189741498

Option 2 ID : 75189741499

Option 3 ID : 75189741497

Option 4 ID : 75189741500

Status : Answered

Chosen Option : 4

Q.39

- Ans  1. Rongker
 2. Bheldiya
 3. Doljatra
 4. Baishagu

Question ID : 7518978522

Option 1 ID : 75189734087

Option 2 ID : 75189734085

Option 3 ID : 75189734088

Option 4 ID : 75189734086

Status : Answered

Chosen Option : 3

Q.40 In this question, a group of letters is coded using symbols as per the table given below and the conditions which follow.

The correct combination of codes following the conditions is your answer.

Letters	G	T	Y	H	O	R	P	I	C
Codes	@	>	^	%	=	#	\$	+	<

Conditions:

1. If both the first and the last letters of the word are vowels, then both these letters will be coded as '&'.
&
2. If both the first and the last letters of the word are consonants, then both these letters will be coded as '*'.
&

What will be the code for the word 'COPYRIGHT'?

- Ans  1. * = \$ ^ # + @ % *
 2. < = \$ ^ # + @ % >
 3. = \$ ^ # + @ % >
 4. < = \$ ^ # + @ % *

Question ID : 75189710879

Option 1 ID : 75189743514

Option 2 ID : 75189743513

Option 3 ID : 75189743516

Option 4 ID : 75189743515

Status : Answered

Chosen Option : 1

Q.41

- Ans
- ☒ 1. Au
 - ☒ 2. Cu
 - ☒ 3. Ag
 - ☒ 4. Hg

Question ID : 7518979698

Option 1 ID : 75189738791

Option 2 ID : 75189738789

Option 3 ID : 75189738790

Option 4 ID : 75189738792

Status : Answered

Chosen Option : 4

Q.42 Which of the following numbers will replace the question mark (?) in the given series?

8, 9, 64, 25, 216, ?

- Ans
- ☒ 1. 125
 - ☒ 2. 72
 - ☒ 3. 49
 - ☒ 4. 81

Question ID : 75189711064

Option 1 ID : 75189744254

Option 2 ID : 75189744255

Option 3 ID : 75189744256

Option 4 ID : 75189744253

Status : Answered

Chosen Option : 3

Q.43 If α, β are the roots of the quadratic equation $2x^2 - 3x - 35 = 0$, then the value of $\alpha^3 + \beta^3$ is:

- Ans
- ☒ 1. $\frac{757}{8}$
 - ☒ 2. $\frac{657}{8}$
 - ☒ 3. $\frac{857}{8}$
 - ☒ 4. $\frac{957}{8}$

Question ID : 7518978775

Option 1 ID : 75189735099

Option 2 ID : 75189735100

Option 3 ID : 75189735098

Option 4 ID : 75189735097

Status : Answered

Chosen Option : 2

Q.44

- Ans ☒ 1. FO 28
☒ 2. GP 27
☒ 3. FP 27
☒ 4. GO 28

Question ID : 75189710903
Option 1 ID : 75189743609
Option 2 ID : 75189743612
Option 3 ID : 75189743610
Option 4 ID : 75189743611
Status : Answered
Chosen Option : 1

Q.45 _____ district is the smallest district in Tamil Nadu in terms of area (1672/Sq.Km).

- Ans ☒ 1. Vellore
☒ 2. Madurai
☒ 3. Kanniyakumari
☒ 4. Coimbatore

Question ID : 7518974078
Option 1 ID : 75189716312
Option 2 ID : 75189716310
Option 3 ID : 75189716311
Option 4 ID : 75189716309
Status : Answered
Chosen Option : 1

Q.46 Which of the following materials CANNOT be used to make a spherical lens?

- Ans ☒ 1. Water
☒ 2. Cellophane
☒ 3. Wood
☒ 4. Clear glass

Question ID : 75189711282
Option 1 ID : 75189745128
Option 2 ID : 75189745126
Option 3 ID : 75189745127
Option 4 ID : 75189745125
Status : Not Answered
Chosen Option : --

Q.47 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some bracelets are rings.
2. Some bangles are bracelets.
3. All watches are bracelets.

Conclusions:

- I-Some rings are bracelets.
II-Some bracelets are watches.

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

Question ID : 75189711239

Option 1 ID : 75189744954

Option 2 ID : 75189744956

Option 3 ID : 75189744953

Option 4 ID : 75189744955

Status : Answered

Chosen Option : 4

Q.48 Which state had fielded a 396-member contingent, the largest at Khelo India Youth Games 2021 and competed in every sport?

- Ans**
- ☐ 1. Assam
 - ☒ 2. Haryana
 - ☐ 3. Odisha
 - ☐ 4. Maharashtra

Question ID : 75189710402

Option 1 ID : 75189741608

Option 2 ID : 75189741607

Option 3 ID : 75189741606

Option 4 ID : 75189741605

Status : Answered

Chosen Option : 4

Q.49

Ans  1.

Sustainable Abilities to Markets and Resources for Innovative Delivery of Healthcare

 2.

Sustainable Access to Markets and Resources for Innovative Designs of Healthcare

 3.

Sustainable Access to Markets and Resources for Innovative Delivery of Healthcare

 4.

Successful Access to Markets and Resources for Innovative Designs of Healthcare

Question ID : 7518978831

Option 1 ID : 75189735322

Option 2 ID : 75189735323

Option 3 ID : 75189735321

Option 4 ID : 75189735324

Status : Answered

Chosen Option : 3

Q.50

The area (in cm^2) of an equilateral triangle of side 3 cm is:

Ans

 1. $\frac{\sqrt{243}}{6}$

 2. $\frac{\sqrt{243}}{3}$

 3. $\frac{\sqrt{243}}{4}$

 4. $\frac{\sqrt{243}}{2}$

Question ID : 75189710015

Option 1 ID : 75189740059

Option 2 ID : 75189740060

Option 3 ID : 75189740057

Option 4 ID : 75189740058

Status : Answered

Chosen Option : 3

Q.51

Ans  1. They cause environmental pollution.

 2. Their use leads to global warming.

 3.

They have been formed by degradation of living organisms over millions of years.

 4. These are unlimited resources on Earth.

Question ID : 7518977874

Option 1 ID : 75189731495

Option 2 ID : 75189731496

Option 3 ID : 75189731494

Option 4 ID : 75189731493

Status : Answered

Chosen Option : 4

Q.52 If the volume of a solid right circular cylinder is 198 m^3 and the radius of its base is 3 m, then its height (in m) is _____ . Take $\pi = \frac{22}{7}$.

Ans  1. 7

 2. 9

 3. 27

 4. 6

Question ID : 75189710714

Option 1 ID : 75189742855

Option 2 ID : 75189742856

Option 3 ID : 75189742854

Option 4 ID : 75189742853

Status : Answered

Chosen Option : 1

Q.53

Ans

☐ 1. $(\frac{5}{4})^7$

☐ 2. $(\frac{5}{4})^9$

☐ 3. $(\frac{32}{5})^9$

☒ 4. $(\frac{5}{32})^9$

Question ID : 7518979904

Option 1 ID : 75189739616

Option 2 ID : 75189739614

Option 3 ID : 75189739615

Option 4 ID : 75189739613

Status : Answered

Chosen Option : 4

Q.54 If the resistivity of nichrome wire is $110 \times 10^{-8} \Omega \text{ m}$, its length is 5.5 m and its resistance is 22 Ω , then the area of cross section is:

Ans ☐ 1. $3.4 \times 10^{-8} \text{ m}^2$

☐ 2. $275 \times 10^{-7} \text{ m}^2$

☒ 3. $2.75 \times 10^{-7} \text{ m}^2$

☐ 4. $34 \times 10^{-4} \text{ m}^2$

Question ID : 7518979552

Option 1 ID : 75189738207

Option 2 ID : 75189738205

Option 3 ID : 75189738206

Option 4 ID : 75189738208

Status : Answered

Chosen Option : 3

Q.55 Which Article in the Constitution provides for All States to have a uniform 3 tier Panchayati Raj structure, i.e. the village, intermediate and district levels?

Ans ☐ 1. Article 243C

☐ 2. Article 243

☒ 3. Article 243B

☐ 4. Article 243A

Question ID : 75189710502

Option 1 ID : 75189742008

Option 2 ID : 75189742005

Option 3 ID : 75189742007

Option 4 ID : 75189742006

Status : Answered

Chosen Option : 2

Q.56

- Ans  1. 4 : 9
 2. 9 : 4
 3. 3 : 2
 4. 2 : 3

Question ID : 75189710712

Option 1 ID : 75189742847

Option 2 ID : 75189742848

Option 3 ID : 75189742846

Option 4 ID : 75189742845

Status : Answered

Chosen Option : 2

Q.57 Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $M > N > O = P$, $Q < C = D < O$

- Ans  1. $Q < M$
 2. $C > M$
 3. $N < D$
 4. $P = Q$

Question ID : 7518979737

Option 1 ID : 75189738948

Option 2 ID : 75189738945

Option 3 ID : 75189738946

Option 4 ID : 75189738947

Status : Answered

Chosen Option : 1

Q.58 Electrovalent compounds show conduction of electricity in:

- Ans  1. kerosene
 2. petrol
 3. solid state
 4. molten state

Question ID : 7518979667

Option 1 ID : 75189738667

Option 2 ID : 75189738668

Option 3 ID : 75189738665

Option 4 ID : 75189738666

Status : Answered

Chosen Option : 4

Q.59 K, L, M, N, O and Q are sitting in a straight line facing North (but not necessarily in the same order). Only three students are sitting between Q and N. M has K and L as his immediate neighbours. K is second to the right of O. L is second to the right of K. N is to the immediate right of L. Q is to the immediate right of O. Who among the following has K and O as his immediate neighbours?

- Ans**
- ☒ 1. N
 - ☒ 2. L
 - ☒ 3. Q
 - ☒ 4. M

Question ID : 75189710744

Option 1 ID : 75189742973

Option 2 ID : 75189742975

Option 3 ID : 75189742976

Option 4 ID : 75189742974

Status : Answered

Chosen Option : 3

Q.60 Which of the following numbers will replace the question mark (?) in the given series?

49, 60, 82, 115, 159, ?

- Ans**
- ☒ 1. 214
 - ☒ 2. 187
 - ☒ 3. 225
 - ☒ 4. 199

Question ID : 75189711242

Option 1 ID : 75189744966

Option 2 ID : 75189744965

Option 3 ID : 75189744967

Option 4 ID : 75189744968

Status : Answered

Chosen Option : 1

Q.61 Find the median from the following data.

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	12	18	20	25	30	20	15

- Ans**
- ☒ 1. 53
 - ☒ 2. 55
 - ☒ 3. 51
 - ☒ 4. 57

Question ID : 7518979974

Option 1 ID : 75189739894

Option 2 ID : 75189739895

Option 3 ID : 75189739893

Option 4 ID : 75189739896

Status : Not Answered

Chosen Option : --

Q.62

- Ans
- ☒ 1. Connective tissue
 - ☒ 2. Muscular tissue
 - ☒ 3. Nervous tissue
 - ☒ 4. Epithelial tissue

Question ID : 7518974401
Option 1 ID : 75189717603
Option 2 ID : 75189717602
Option 3 ID : 75189717601
Option 4 ID : 75189717604
Status : Not Answered
Chosen Option : --

Q.63 Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Real education is an awakening of the mind.

Arguments:

- I. Academic achievement is the only indicator of real education.
- II. Human values reflect real education.

- Ans
- ☒ 1. I weakens while II strengthens the statement.
 - ☒ 2. Both I and II weaken the statement.
 - ☒ 3. Both I and II strengthen the statement.
 - ☒ 4. II weakens while I strengthens the statement.

Question ID : 75189711129
Option 1 ID : 75189744513
Option 2 ID : 75189744515
Option 3 ID : 75189744516
Option 4 ID : 75189744514
Status : Answered
Chosen Option : 1

Q.64 Which Article of the Constitution of India deals with right to education?

- Ans
- ☒ 1. Article 21A
 - ☒ 2. Article 18
 - ☒ 3. Article 19
 - ☒ 4. Article 22

Question ID : 7518979441
Option 1 ID : 75189737762
Option 2 ID : 75189737764
Option 3 ID : 75189737763
Option 4 ID : 75189737761
Status : Answered
Chosen Option : 1

Q.65

- Ans ☒ 1. 1.0 m
☒ 2. 0.75 m
☒ 3. 0.5 m
☒ 4. 0.25 m

Question ID : 75189711139

Option 1 ID : 75189744555

Option 2 ID : 75189744556

Option 3 ID : 75189744553

Option 4 ID : 75189744554

Status : Answered

Chosen Option : 1

Q.66 The smallest natural number which is divisible by 8, 12, 28 and 36 is:

- Ans ☒ 1. 504
☒ 2. 168
☒ 3. 252
☒ 4. 336

Question ID : 7518979917

Option 1 ID : 75189739666

Option 2 ID : 75189739665

Option 3 ID : 75189739667

Option 4 ID : 75189739668

Status : Answered

Chosen Option : 1

Q.67 Refer to the following number, symbol series and answer the question.

(Left) & % 7 4 @ 6 # & 2 # % 5 * (Right)

How many such symbols are there that are immediately preceded by a number and also immediately followed a number?

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

Question ID : 7518979847

Option 1 ID : 75189739385

Option 2 ID : 75189739387

Option 3 ID : 75189739386

Option 4 ID : 75189739388

Status : Answered

Chosen Option : 1

Q.68

- Ans  1. 76
 2. 57
 3. 27
 4. 67

Question ID : 7518979289
Option 1 ID : 75189737156
Option 2 ID : 75189737154
Option 3 ID : 75189737153
Option 4 ID : 75189737155
Status : Answered
Chosen Option : 2

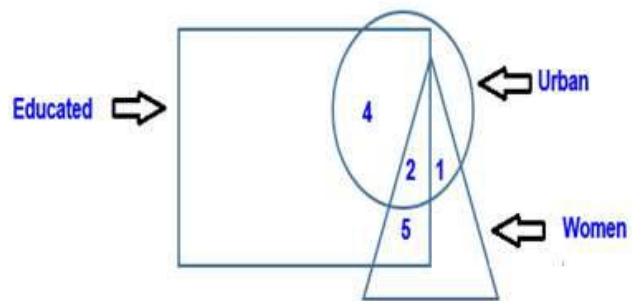
Q.69 Calculate the current in a wire if 1200 C of charge passes through it in 10 minutes.

- Ans  1. 3 A
 2. 4 A
 3. 2 A
 4. 1.5 A

Question ID : 75189711362
Option 1 ID : 75189745448
Option 2 ID : 75189745445
Option 3 ID : 75189745446
Option 4 ID : 75189745447
Status : Answered
Chosen Option : 3

Q.70 Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people.



How many Women are Educated but NOT Urban?

- Ans**
- ✓ 1. 5
 - ✗ 2. 2
 - ✗ 3. 4
 - ✗ 4. 7

Question ID : 75189711005

Option 1 ID : 75189744017

Option 2 ID : 75189744019

Option 3 ID : 75189744020

Option 4 ID : 75189744018

Status : Answered

Chosen Option : 1

Q.71 Three statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $U < V > W = X$, $T < W$, $S > V$

- Ans**
- ✗ 1. $X > S$
 - ✗ 2. $V = T$
 - ✗ 3. $W > U$
 - ✓ 4. $S > T$

Question ID : 7518979728

Option 1 ID : 75189738910

Option 2 ID : 75189738909

Option 3 ID : 75189738912

Option 4 ID : 75189738911

Status : Answered

Chosen Option : 4

Q.72

- Ans
- ☒ 1. $24p^2q^2$
 - ☒ 2. $48p^2q^2$
 - ☒ 3. $24pq^2$
 - ☒ 4. $48pq^2$

Question ID : 7518979979

Option 1 ID : 75189739916

Option 2 ID : 75189739913

Option 3 ID : 75189739915

Option 4 ID : 75189739914

Status : Answered

Chosen Option : 2

Q.73 Town M is to the south of Town Z. Town C is to the east of Town Z. Town F is to the west of Town C. Town X is to the north of Town C. Town Z is to the west of Town F. What is the position of Town F with respect to Town M?

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

Question ID : 7518979856

Option 1 ID : 75189739421

Option 2 ID : 75189739422

Option 3 ID : 75189739424

Option 4 ID : 75189739423

Status : Answered

Chosen Option : 1

Q.74 Which among the following is the oldest and biggest amongst all the four Vedas?

- Ans
- ☒ 1. Rig Veda
 - ☒ 2. Yajur Veda
 - ☒ 3. Samaveda
 - ☒ 4. Atharva Veda

Question ID : 75189710454

Option 1 ID : 75189741814

Option 2 ID : 75189741815

Option 3 ID : 75189741813

Option 4 ID : 75189741816

Status : Answered

Chosen Option : 1

Q.75

- Ans
- ☐ 1. 90m, North
 - ☐ 2. 100m, North
 - ☐ 3. 110m, South
 - ☒ 4. 90m, South

Question ID : 75189710893

Option 1 ID : 75189743570

Option 2 ID : 75189743572

Option 3 ID : 75189743571

Option 4 ID : 75189743569

Status : Answered

Chosen Option : 4

Q.76 The Ganga Plain extends between Ghaggar and Teesta rivers, of which about 79% area of the basin is in India. How many states and Union Territories does the basin cover?

- Ans
- ☐ 1. 12
 - ☐ 2. 13
 - ☒ 3. 11
 - ☐ 4. 10

Question ID : 7518978911

Option 1 ID : 75189735643

Option 2 ID : 75189735644

Option 3 ID : 75189735642

Option 4 ID : 75189735641

Status : Not Answered

Chosen Option : --

Q.77 Which of the following term will replace the question mark (?) in the given series to make it logically complete?

QDA19, UHE38, YLI57, CPM76, ?

- Ans
- ☐ 1. HTQ97
 - ☐ 2. GTQ97
 - ☒ 3. GTQ95
 - ☐ 4. HTQ95

Question ID : 75189711018

Option 1 ID : 75189744069

Option 2 ID : 75189744072

Option 3 ID : 75189744071

Option 4 ID : 75189744070

Status : Answered

Chosen Option : 3

Q.78 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some pens are staplers.

Some staplers are erasers.

Some erasers are notebooks.

Conclusions:

(I) Some notebooks are pens.

(II) Some erasers are pens.

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

Question ID : 75189711228

Option 1 ID : 75189744912

Option 2 ID : 75189744911

Option 3 ID : 75189744909

Option 4 ID : 75189744910

Status : Answered

Chosen Option : 2

Q.79 In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/symbol	*	2	@	5	^	+	7	#	%	9
Letter code	J	P	A	F	D	N	R	K	M	Z

Conditions:

- i. If the first element is a symbol and the last, 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, an even number, the first and last elements are to be coded as S.
- Which of the following will be the code for *9 @+2 ?

- Ans**
- ☒ 1. JZANP
 - ☒ 2. PZANJ
 - ☒ 3. JZNAP
 - ☒ 4. PZANP

Question ID : 75189710883

Option 1 ID : 75189743530

Option 2 ID : 75189743531

Option 3 ID : 75189743529

Option 4 ID : 75189743532

Status : Answered

Chosen Option : 1

Q.80

- Ans
- ☒ 1. Temperature of Earth will increase
 - ☒ 2. Amount of surface ozone will increase
 - ☒ 3. Cases of skin cancer will increase
 - ☒ 4. The ozone hole will close by redistribution

Question ID : 75189710128

Option 1 ID : 75189740510

Option 2 ID : 75189740511

Option 3 ID : 75189740509

Option 4 ID : 75189740512

Status : Answered

Chosen Option : 1

Q.81 How many bytes are there in 1 kilobyte?

- Ans
- ☒ 1. 1036 bytes
 - ☒ 2. 1064 bytes
 - ☒ 3. 1012 bytes
 - ☒ 4. 1024 bytes

Question ID : 75189710516

Option 1 ID : 75189742061

Option 2 ID : 75189742063

Option 3 ID : 75189742064

Option 4 ID : 75189742062

Status : Answered

Chosen Option : 4

Q.82 Find the value of $\left(\frac{1}{2}\right)^{-2} + \left(\frac{1}{3}\right)^{-2} + \left(\frac{1}{4}\right)^{-2}$.

- Ans
- ☒ 1. 29
 - ☒ 2. 25
 - ☒ 3. 21
 - ☒ 4. 13

Question ID : 7518979902

Option 1 ID : 75189739606

Option 2 ID : 75189739605

Option 3 ID : 75189739607

Option 4 ID : 75189739608

Status : Answered

Chosen Option : 1

Q.83

- Ans
- ☒ 1. Using pots to grow vegetables at home
 - ☒ 2. Covering up open areas with tiles or cement
 - ☒ 3. Following crop rotation in agriculture
 - ☒ 4. Using trees or large shrubs as fences for a garden

Question ID : 75189710134

Option 1 ID : 75189740534

Option 2 ID : 75189740536

Option 3 ID : 75189740535

Option 4 ID : 75189740533

Status : Answered

Chosen Option : 4

Q.84 A beam of light parallel to the principal axis of a convex mirror will:

- Ans
- ☒ 1. appear to converge at F
 - ☒ 2. converge at F
 - ☒ 3. appear to diverge from F
 - ☒ 4. diverge from pole

Question ID : 7518979478

Option 1 ID : 75189737910

Option 2 ID : 75189737909

Option 3 ID : 75189737912

Option 4 ID : 75189737911

Status : Not Answered

Chosen Option : --

Q.85 Two trains having lengths of 200 m and 300 m are running at speeds of 100 km/h and 120 km/h, respectively, in the same direction. The time taken (in minutes) by the faster train, coming from behind, to completely cross the other train is:

- Ans
- ☒ 1. 0.5
 - ☒ 2. 2
 - ☒ 3. 1
 - ☒ 4. 1.5

Question ID : 7518979959

Option 1 ID : 75189739833

Option 2 ID : 75189739836

Option 3 ID : 75189739834

Option 4 ID : 75189739835

Status : Answered

Chosen Option : 4

Q.86

- Ans ☒ 1. Nai Manzil
☒ 2. Nai Udaan
☒ 3. Padho Pradesh
☒ 4. Naya Savera

Question ID : 75189711099

Option 1 ID : 75189744396

Option 2 ID : 75189744395

Option 3 ID : 75189744393

Option 4 ID : 75189744394

Status : Not Answered

Chosen Option : --

Q.87 Why do many types of trees shed old leaves?

- Ans ☒ 1. Because a tree can support only a certain number of leaves
☒ 2. Because the cells die due to old age of the tree
☒ 3. Because the cells become packed with waste materials
☒ 4. Because old leaves are broken off due to strong winds

Question ID : 75189710072

Option 1 ID : 75189740287

Option 2 ID : 75189740285

Option 3 ID : 75189740286

Option 4 ID : 75189740288

Status : Not Answered

Chosen Option : --

Q.88 If $25 - (x^2 - 9) = (81)^{1/2}$, then the positive value of $x =$ _____.

- Ans ☒ 1. 5
☒ 2. 2
☒ 3. 4.7
☒ 4. 2.5

Question ID : 75189710619

Option 1 ID : 75189742475

Option 2 ID : 75189742474

Option 3 ID : 75189742476

Option 4 ID : 75189742473

Status : Answered

Chosen Option : 1

Q.89 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$18.96 + 12.96 + 15.16 - 17.89 \times 2.04 + 49.93 \div 5.1 = ?$$

- Ans ☒ 1. 21
☐ 2. 24
☐ 3. 23
☐ 4. 22

Question ID : **7518978327**
Option 1 ID : **75189733305**
Option 2 ID : **75189733308**
Option 3 ID : **75189733307**
Option 4 ID : **75189733306**

Status : **Answered**
Chosen Option : **1**

Q.90 A vendor claims to sell wheat at a loss of 20%. But he cheats by using weights that weigh 40% less than what is mentioned on them. What is his profit percentage (rounded off to 2 decimal places)?

- Ans ☐ 1. 35.33%
☐ 2. 16.67%
☒ 3. 33.33%
☐ 4. 34.33%

Question ID : **7518979950**
Option 1 ID : **75189739800**
Option 2 ID : **75189739797**
Option 3 ID : **75189739798**
Option 4 ID : **75189739799**

Status : **Answered**
Chosen Option : **3**

Q.91 Which of the following was used as a highway for foreign trade between India and Britain, as its opening in 1869 reduced the cost of transportation and made access to the Indian market easier?

- Ans ☐ 1. Corinth Canal
☐ 2. White Sea- Baltic Sea Canal
☒ 3. Suez Canal
☐ 4. Panama Canal

Question ID : **75189710470**
Option 1 ID : **75189741879**
Option 2 ID : **75189741880**
Option 3 ID : **75189741878**
Option 4 ID : **75189741877**

Status : **Answered**
Chosen Option : **3**

Q.92

- Ans
- ☐ 1. 525 W h and 500 W h, respectively
 - ☐ 2. 500 W h and 525 W h, respectively
 - ☐ 3. 625 W h and 600 W h, respectively
 - ☒ 4. 600 W h and 625 W h, respectively

Question ID : 75189711350

Option 1 ID : 75189745399

Option 2 ID : 75189745400

Option 3 ID : 75189745397

Option 4 ID : 75189745398

Status : Answered

Chosen Option : 4

Q.93 Which two numbers should be interchanged to make the following equation correct?

$$12 + 7 - (8 \div 4 - 5) \times 11 = 54$$

- Ans
- ☒ 1. 12 and 11
 - ☐ 2. 8 and 11
 - ☐ 3. 5 and 12
 - ☐ 4. 8 and 7

Question ID : 7518978084

Option 1 ID : 75189732336

Option 2 ID : 75189732335

Option 3 ID : 75189732333

Option 4 ID : 75189732334

Status : Answered

Chosen Option : 1

Q.94 What is the main role of the State Finance Commission?

- Ans
- ☒ 1. The distribution and determination of the net proceeds of taxes, tolls and fees between the state and local bodies.
 - ☐ 2. To advise the government on the legal financial matters referred to it by the President.
 - ☐ 3. To secure the accountability of the executive to the Parliament in the sphere of financial administration.
 - ☐ 4. To look after the elections of the panchayats and municipalities and also provide fund for that elections.

Question ID : 7518978931

Option 1 ID : 75189735721

Option 2 ID : 75189735723

Option 3 ID : 75189735724

Option 4 ID : 75189735722

Status : Answered

Chosen Option : 1

Q.95 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/deleting/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)

(14, 336, 8)

(12, 324, 9)

Ans ☒ 1. (18, 378, 7)

☐ 2. (18, 368, 7)

☐ 3. (18, 398, 7)

☐ 4. (18, 478, 7)

Question ID : 7518979874

Option 1 ID : 75189739493

Option 2 ID : 75189739494

Option 3 ID : 75189739496

Option 4 ID : 75189739495

Status : Answered

Chosen Option : 1

Q.96 The value of $\sin x + \frac{\cos x}{\tan(90 - x)}$ is _____.

Ans ☐ 1. $2\operatorname{cosec}x$

☒ 2. $2\sin x$

☐ 3. $\cot x$

☐ 4. $\tan x$

Question ID : 75189710723

Option 1 ID : 75189742889

Option 2 ID : 75189742892

Option 3 ID : 75189742891

Option 4 ID : 75189742890

Status : Answered

Chosen Option : 2

Q.97

Ans

-  1. Hindustan Petroleum Corporation Limited
-  2. Coal India Limited
-  3. GAIL India
-  4. Bharat Heavy Electricals Limited

Question ID : **7518973875**

Option 1 ID : **75189715500**

Option 2 ID : **75189715498**

Option 3 ID : **75189715499**

Option 4 ID : **75189715497**

Status : **Not Answered**

Chosen Option : --

Q.98 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$11.96 + 4.96 + 12.16 - 11.89 \times 2.04 = ?$$

Ans

-  1. 7
-  2. 9
-  3. 13
-  4. 5

Question ID : **7518978322**

Option 1 ID : **75189733285**

Option 2 ID : **75189733286**

Option 3 ID : **75189733288**

Option 4 ID : **75189733287**

Status : **Answered**

Chosen Option : 4

Q.99

- Ans
- ☐ 1. NaCl
 - ☐ 2. KBr
 - ☒ 3. CH₄
 - ☐ 4. NaBr

Question ID : 7518979596

Option 1 ID : 75189738382

Option 2 ID : 75189738383

Option 3 ID : 75189738381

Option 4 ID : 75189738384

Status : Answered

Chosen Option : 3

Q.100 A straight conductor carrying current is kept along the axis of a closed circular loop of a conductor. If we change the direction of the current continuously in the straight conductor:

- Ans
- ☐ 1. induced current in the loop is negative
 - ☒ 2. induced current in the loop is not constant
 - ☐ 3. induced current in the loop is zero
 - ☐ 4. induced current in the loop is constant

Question ID : 75189711181

Option 1 ID : 75189744723

Option 2 ID : 75189744724

Option 3 ID : 75189744722

Option 4 ID : 75189744721

Status : Not Answered

Chosen Option : --