



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 Nayanipalli Village
Test Date	11/10/2022
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 In which year was the 11th Fundamental Duty added to the list of Fundamental Duties in the Indian Constitution?

- Ans ☒ 1. 2000
☒ 2. 1999
☒ 3. 2004
☒ 4. 2002

Question ID : 75189712515

Option 1 ID : 75189750058

Option 2 ID : 75189750057

Option 3 ID : 75189750060

Option 4 ID : 75189750059

Status : Answered

Chosen Option : 4

Q.2 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Few spiders are caterpillars
No caterpillar is a grasshopper
All grasshoppers are bedbugs

Conclusions:

(I) Some bedbugs are not caterpillars
(II) All caterpillars are spiders
(III) All bedbugs are grasshoppers

Ans  1. Either conclusion I or III follows

 2. Only conclusion I follows

 3. Only conclusion II follows

 4. None of the conclusions follow

Question ID : **75189714528**

Option 1 ID : **75189758111**

Option 2 ID : **75189758109**

Option 3 ID : **75189758110**

Option 4 ID : **75189758112**

Status : **Answered**

Chosen Option : **2**

Q.3 Which of the following numbers will replace the question mark (?) in the given series?

1.1 1.2 1.4 1.8 2.5 ?

Ans  1. 3.2

 2. 3.5

 3. 3.6

 4. 3.7

Question ID : **75189712697**

Option 1 ID : **75189750787**

Option 2 ID : **75189750786**

Option 3 ID : **75189750785**

Option 4 ID : **75189750788**

Status : **Marked For Review**

Chosen Option : **3**

Q.4

- Ans  1. mountain
 2. coastal plain
 3. waterfall
 4. river valley

Question ID : 75189712497

Option 1 ID : 75189749985

Option 2 ID : 75189749986

Option 3 ID : 75189749988

Option 4 ID : 75189749987

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.5 Amongst six friends A, B, C, D, E and F, each has a different height. B is taller than D but shorter than A. D is not the shortest. Only one person is shorter than C. Only two people are shorter than E. Who is the shortest among all the friends?

- Ans  1. B
 2. F
 3. C
 4. D

Question ID : 75189713161

Option 1 ID : 75189752642

Option 2 ID : 75189752641

Option 3 ID : 75189752643

Option 4 ID : 75189752644

Status : **Answered**

Chosen Option : 2

Q.6 Refer to the given number, symbol series and answer the question that follows.

(Left) % Ω 8 3 1 S 2 4 @ 6 7 @ 1 & & S 5 # 2 8 @ 3 % & S 3 (Right)

How many such symbols are there (from left to right) which are immediately followed by an even number and also immediately preceded by an odd number?

- Ans  1. 2
 2. 3
 3. 4
 4. 1

Question ID : 75189714546

Option 1 ID : 75189758182

Option 2 ID : 75189758183

Option 3 ID : 75189758184

Option 4 ID : 75189758181

Status : **Answered**

Chosen Option : 1

Q.7

- Ans
- ☐ 1. 11
 - ☐ 2. 55
 - ☒ 3. 110
 - ☐ 4. 1110

Question ID : 75189712909

Option 1 ID : 75189751633

Option 2 ID : 75189751634

Option 3 ID : 75189751635

Option 4 ID : 75189751636

Status : Marked For Review

Chosen Option : 3

Q.8 When Mendel crossed tall pea plants with short pea plants, the progeny was all tall plants. When he crossed plants bearing round seeds with plants bearing wrinkled seeds, the progeny was all round seeds. If he crossed tall plants bearing wrinkled seeds with short plants bearing round seeds, what would the progeny plants look like?

- Ans
- ☐ 1. Short plants with wrinkled seeds
 - ☐ 2. Short plants with round seeds
 - ☒ 3. Tall plants with round seeds
 - ☐ 4. Tall plants with wrinkled seeds

Question ID : 75189710117

Option 1 ID : 75189740467

Option 2 ID : 75189740468

Option 3 ID : 75189740466

Option 4 ID : 75189740465

Status : Not Answered

Chosen Option : --

Q.9 In plants, resins and gums are stored especially in _____.

- Ans
- ☐ 1. old phloem
 - ☐ 2. old cortex
 - ☐ 3. old pith
 - ☒ 4. old xylem

Question ID : 75189712574

Option 1 ID : 75189750293

Option 2 ID : 75189750296

Option 3 ID : 75189750295

Option 4 ID : 75189750294

Status : Marked For Review

Chosen Option : 2

Q.10

- Ans
- ☒ 1. 3343.36 cm^2
 - ☒ 2. 9267.72 cm^2
 - ☒ 3. 6926.72 cm^2
 - ☒ 4. 3463.36 cm^2

Question ID : 75189712083

Option 1 ID : 75189748329

Option 2 ID : 75189748332

Option 3 ID : 75189748331

Option 4 ID : 75189748330

Status : Marked For Review

Chosen Option : 4

Q.11 If $1.345 + 13.45 + 0.1354 + 0.0596 = 11.453 - 0.543 + k$, then what is the value of k ?

- Ans
- ☒ 1. 4.08
 - ☒ 2. 4.48
 - ☒ 3. 3.06
 - ☒ 4. 3.28

Question ID : 75189712601

Option 1 ID : 75189750403

Option 2 ID : 75189750404

Option 3 ID : 75189750401

Option 4 ID : 75189750402

Status : Answered

Chosen Option : 1

Q.12 All 20 students of a class are sitting in a straight row facing east. Ram is 8th from the right end and Sita is 16th from the left end. How many students are sitting between Ram and Sita?

- Ans
- ☒ 1. 3
 - ☒ 2. 2
 - ☒ 3. 4
 - ☒ 4. 8

Question ID : 75189713175

Option 1 ID : 75189752700

Option 2 ID : 75189752697

Option 3 ID : 75189752698

Option 4 ID : 75189752699

Status : Marked For Review

Chosen Option : 2

Q.13

- Ans
- ☐ 1. 62
 - ☒ 2. 65
 - ☐ 3. 67
 - ☐ 4. 68

Question ID : 75189713438

Option 1 ID : 75189753749

Option 2 ID : 75189753750

Option 3 ID : 75189753751

Option 4 ID : 75189753752

Status : Answered

Chosen Option : 2

Q.14 If the ratio of two exterior angles on the same side of a transversal line intersecting the two parallel lines is 7 : 5, then how much more is the larger of these two exterior angles than the smaller one?

- Ans
- ☐ 1. 60°
 - ☒ 2. 30°
 - ☐ 3. 45°
 - ☐ 4. 75°

Question ID : 75189712871

Option 1 ID : 75189751483

Option 2 ID : 75189751481

Option 3 ID : 75189751482

Option 4 ID : 75189751484

Status : Marked For Review

Chosen Option : 2

Q.15 Rahman goes 20 km towards north from a fixed-point F, then after turning to his right and he goes 15 km. After this he goes 20 km after turning to his right. How far and in what direction is he now with respect to the starting point F?

(All turns are 90° turns only)

- Ans
- ☐ 1. 15 km towards north
 - ☐ 2. 15 km towards south
 - ☐ 3. 15 km towards west
 - ☒ 4. 15 km towards east

Question ID : 75189713111

Option 1 ID : 75189752443

Option 2 ID : 75189752444

Option 3 ID : 75189752442

Option 4 ID : 75189752441

Status : Answered

Chosen Option : 4

Q.16

Ans  1.

a large amount of energy is required to break the strong inter-ionic attraction

 2.

a small amount of energy is required to break the weak inter-ionic attraction

 3.

a large amount of energy is required to break the weak inter-ionic attraction

 4.

a small amount of energy is required to break the strong inter-ionic attraction

Question ID : 75189712809

Option 1 ID : 75189751234

Option 2 ID : 75189751236

Option 3 ID : 75189751235

Option 4 ID : 75189751233

Status : **Marked For Review**

Chosen Option : 1

Q.17 An electric circuit consumes energy at a rate of 540 W per minute when heated. If the voltage across the circuit is 270 V, what is the resistance of the circuit?

Ans  1. 270 ohm

 2. 135 ohm

 3. 65 ohm

 4. 540 ohm

Question ID : 75189713832

Option 1 ID : 75189755327

Option 2 ID : 75189755326

Option 3 ID : 75189755325

Option 4 ID : 75189755328

Status : **Answered**

Chosen Option : 2

Q.18 A and B invest in a business in the ratio of 7 : 8 for same time. If 7% of the total profit goes to charity and A's share in profit is ₹12,600, then what is the total amount of profit earned? [Give your answer correct to 2 decimal places.]

Ans  1. ₹28,025.32

 2. ₹28,032.25

 3. ₹29,025.32

 4. ₹29,032.26

Question ID : 75189712944

Option 1 ID : 75189751776

Option 2 ID : 75189751774

Option 3 ID : 75189751775

Option 4 ID : 75189751773

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.19

- Ans
- ☒ 1. 92
 - ☒ 2. 76
 - ☒ 3. 86
 - ☒ 4. 82

Question ID : 75189712986
Option 1 ID : 75189751943
Option 2 ID : 75189751941
Option 3 ID : 75189751942
Option 4 ID : 75189751944
Status : Answered
Chosen Option : 3

Q.20 Find the smallest number, which when tripled, will leave the remainder as zero on being divided by 5, 15 and 35.

- Ans
- ☒ 1. 70
 - ☒ 2. 150
 - ☒ 3. 35
 - ☒ 4. 100

Question ID : 75189713281
Option 1 ID : 75189753124
Option 2 ID : 75189753122
Option 3 ID : 75189753123
Option 4 ID : 75189753121
Status : Marked For Review
Chosen Option : 3

Q.21 Which of the following properties is required for a material to be used in filament of an electric bulb?

- Ans
- ☒ 1. Low melting point
 - ☒ 2. Low temperature
 - ☒ 3. High conductivity
 - ☒ 4. High resistivity

Question ID : 75189713792
Option 1 ID : 75189755166
Option 2 ID : 75189755165
Option 3 ID : 75189755168
Option 4 ID : 75189755167
Status : Marked For Review
Chosen Option : 4

Q.22

- Ans ☒ 1. 2
☒ 2. 3
☒ 3. 4
☒ 4. 1

Question ID : 75189714454

Option 1 ID : 75189757813

Option 2 ID : 75189757814

Option 3 ID : 75189757815

Option 4 ID : 75189757816

Status : Answered

Chosen Option : 1

Q.23 Who won a bronze medal at the U23 Asian Wrestling Championships in 2022?

- Ans ☒ 1. Sushil Kumar
☒ 2. Anshu Malik
☒ 3. Ravi K Dahiya
☒ 4. Deepak Punia

Question ID : 75189712548

Option 1 ID : 75189750192

Option 2 ID : 75189750191

Option 3 ID : 75189750190

Option 4 ID : 75189750189

Status : Marked For Review

Chosen Option : 4

Q.24 Consider the following reaction.



This reaction is an example of:

- Ans ☒ 1. combination reaction
☒ 2. displacement reaction
☒ 3. decomposition reaction
☒ 4. precipitation reaction

Question ID : 75189714674

Option 1 ID : 75189758696

Option 2 ID : 75189758695

Option 3 ID : 75189758694

Option 4 ID : 75189758693

Status : Marked For Review

Chosen Option : 3

Q.25 A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $A > S \geq D > F \leq G < H$

- Ans
- ✓ 1. $S > F$
 - ✗ 2. $S = H$
 - ✗ 3. $A \geq G$
 - ✗ 4. $D > G$

Question ID : 7518978217

Option 1 ID : 75189732866

Option 2 ID : 75189732867

Option 3 ID : 75189732868

Option 4 ID : 75189732865

Status : Answered

Chosen Option : 1

Q.26 Simplify the given expression.

$$2(x^2 + y^2)^2 - 3xy(x^2 + y^2) - 2x^2y^2$$

- Ans
- ✗ 1. $(x^2 + y^2 - xy)(2x^2 + 2y^2 - xy)$
 - ✓ 2. $(2x^2 + 2y^2 + xy)(x^2 + y^2 - 2xy)$
 - ✗ 3. $(x^2 + y^2 + xy)(2x^2 + 2y^2 + xy)$
 - ✗ 4. $(2x^2 + 2y^2 - xy)(x^2 + y^2 - 2xy)$

Question ID : 75189711773

Option 1 ID : 75189747091

Option 2 ID : 75189747089

Option 3 ID : 75189747092

Option 4 ID : 75189747090

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.27

- Ans
- ☐ 1. quantity of inputs used by the firm
 - ☐ 2. quality of inputs used by the firm
 - ☒ 3. output produced by the firm
 - ☐ 4. price of inputs used by the firm

Question ID : 75189712386

Option 1 ID : 75189749542

Option 2 ID : 75189749544

Option 3 ID : 75189749543

Option 4 ID : 75189749541

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.28 In an electric motor, the _____ act(s) as a contact between the commutator and the terminals of the battery.

- Ans
- ☐ 1. magnetic poles
 - ☐ 2. split ring
 - ☐ 3. plug key
 - ☒ 4. carbon brushes

Question ID : 75189713877

Option 1 ID : 75189755507

Option 2 ID : 75189755505

Option 3 ID : 75189755508

Option 4 ID : 75189755506

Status : Marked For Review

Chosen Option : 2

Q.29 The conversion of ethanol to acetic acid is an example of:

- Ans
- ☐ 1. substitution reaction
 - ☒ 2. oxidation reaction
 - ☐ 3. addition reaction
 - ☐ 4. reduction reaction

Question ID : 75189714651

Option 1 ID : 75189758604

Option 2 ID : 75189758602

Option 3 ID : 75189758601

Option 4 ID : 75189758603

Status : Marked For Review

Chosen Option : 2

Q.30 Carbon makes strong bonds with other elements.

Which of the following is the correct explanation for the given statement?

Ans ☒ 1.

A carbon nucleus holds the shared pairs of electrons weakly due to its small size.

☒ 2.

A carbon nucleus holds the shared pairs of electrons strongly due to its small size.

☒ 3.

A carbon nucleus holds the shared pairs of electrons strongly due to its large size.

☒ 4.

A carbon nucleus holds the shared pairs of electrons weakly due to its large size.

Question ID : 75189711849

Option 1 ID : 75189747394

Option 2 ID : 75189747393

Option 3 ID : 75189747395

Option 4 ID : 75189747396

Status : Marked For Review

Chosen Option : 2

Q.31 Which of the following is a balanced food in itself?

Ans ☒ 1. Pulses

☒ 2. Milk

☒ 3. Meat

☒ 4. Honey

Question ID : 75189710218

Option 1 ID : 75189740872

Option 2 ID : 75189740869

Option 3 ID : 75189740871

Option 4 ID : 75189740870

Status : Marked For Review

Chosen Option : 2

Q.32 India's first amputee clinic was launched in which place?

Ans ☒ 1. Chandigarh

☒ 2. Bhopal

☒ 3. Bengaluru

☒ 4. Kanpur

Question ID : 75189713977

Option 1 ID : 75189755908

Option 2 ID : 75189755905

Option 3 ID : 75189755906

Option 4 ID : 75189755907

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.33

- Ans
- ☒ 1. Syed Akbaruddin
 - ☒ 2. Nirupama Rao
 - ☒ 3. Barakat Ahmad
 - ☒ 4. Ajai Malhotra

Question ID : 75189710536

Option 1 ID : 75189742142

Option 2 ID : 75189742144

Option 3 ID : 75189742141

Option 4 ID : 75189742143

Status : Marked For Review

Chosen Option : 3

Q.34 Identify the FALSE statement in the context of digestion.

- Ans
- ☒ 1. Assimilation and absorption both occur before egestion.
 - ☒ 2. Digestion comes before egestion but after ingestion.
 - ☒ 3. Absorption comes before assimilation but after digestion.
 - ☒ 4. Assimilation comes before ingestion but after absorption.

Question ID : 75189710083

Option 1 ID : 75189740332

Option 2 ID : 75189740329

Option 3 ID : 75189740330

Option 4 ID : 75189740331

Status : Marked For Review

Chosen Option : 3

Q.35 Which of the following numbers will replace the question mark (?) in the given number series?

590, 605, 588, 607, 586, ?

- Ans
- ☒ 1. 611
 - ☒ 2. 609
 - ☒ 3. 613
 - ☒ 4. 605

Question ID : 75189713636

Option 1 ID : 75189754543

Option 2 ID : 75189754541

Option 3 ID : 75189754544

Option 4 ID : 75189754542

Status : Answered

Chosen Option : 4

Q.36

- Ans
- ☒ 1. Laura
 - ☒ 2. Tessa
 - ☒ 3. Ron
 - ☒ 4. Tyler

Question ID : 75189714158

Option 1 ID : 75189756630

Option 2 ID : 75189756629

Option 3 ID : 75189756631

Option 4 ID : 75189756632

Status : **Marked For Review**

Chosen Option : 2

Q.37 The respiratory pigment, haemoglobin is present in:

- Ans
- ☒ 1. blood platelets
 - ☒ 2. white blood corpuscles
 - ☒ 3. red blood corpuscles
 - ☒ 4. blood plasma

Question ID : 75189710193

Option 1 ID : 75189740772

Option 2 ID : 75189740770

Option 3 ID : 75189740769

Option 4 ID : 75189740771

Status : **Answered**

Chosen Option : 3

Q.38 What does the cost of self-owned inputs used in the production process refer to?

- Ans
- ☒ 1. Total cost
 - ☒ 2. Marginal cost
 - ☒ 3. Total variable cost
 - ☒ 4. Implicit cost

Question ID : 75189714068

Option 1 ID : 75189756269

Option 2 ID : 75189756271

Option 3 ID : 75189756270

Option 4 ID : 75189756272

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.39

- Ans  1. ELFTY
 2. DKFTY
 3. DJFTZ
 4. EJFTZ

Question ID : 75189714472

Option 1 ID : 75189757886

Option 2 ID : 75189757885

Option 3 ID : 75189757887

Option 4 ID : 75189757888

Status : Marked For Review

Chosen Option : 2

Q.40 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

6 : 27 :: 8 : 7 :: 12 : 54

- Ans  1. 34
 2. 35
 3. 32
 4. 36

Question ID : 75189714118

Option 1 ID : 75189756472

Option 2 ID : 75189756469

Option 3 ID : 75189756470

Option 4 ID : 75189756471

Status : Answered

Chosen Option : 4

Q.41 The marked price of an article is ₹1,820 and its selling price is ₹1,420. Find the discount percentage. (Round the answer to the nearest whole number.)

- Ans  1. 26%
 2. 25%
 3. 22%
 4. 28%

Question ID : 75189713320

Option 1 ID : 75189753280

Option 2 ID : 75189753278

Option 3 ID : 75189753277

Option 4 ID : 75189753279

Status : Answered

Chosen Option : 3

Q.42

- Ans ☒ 1. Paradip
☐ 2. Kandla
☐ 3. Mazagaon
☐ 4. JLN port Nhava Sheva

Question ID : 75189712404
Option 1 ID : 75189749615
Option 2 ID : 75189749613
Option 3 ID : 75189749614
Option 4 ID : 75189749616
Status : Answered
Chosen Option : 1

Q.43 Mining causes pollution because of the large amount of:

- Ans ☐ 1. sludge
☒ 2. slag
☐ 3. ore
☐ 4. slurry

Question ID : 75189710306
Option 1 ID : 75189741223
Option 2 ID : 75189741222
Option 3 ID : 75189741224
Option 4 ID : 75189741221
Status : Marked For Review
Chosen Option : 3

Q.44 A trader owes a merchant ₹9,000 due in one year. However, the trader wants to settle the amount after 4 months. If the rate of interest is 6% per annum, then, how much money should he pay? (Give your answer correct to the nearest whole number value.)

- Ans ☐ 1. ₹8,686
☒ 2. ₹8,654
☐ 3. ₹8,645
☐ 4. ₹8,688

Question ID : 75189712971
Option 1 ID : 75189751881
Option 2 ID : 75189751883
Option 3 ID : 75189751884
Option 4 ID : 75189751882
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.45 Refer to the following letter-symbol series and answer the question that follows.

(Left) S R ^ * * F S V # Y @ Z Y T G B Y S & Z R S V @ ^ C Y N (Right)

From left how many such letters are there that are immediately preceded by a symbol and immediately followed by a letter?

- Ans
- ☒ 1. 4
 - ☒ 2. 7
 - ☒ 3. 3
 - ☒ 4. 5

Question ID : 7518977985

Option 1 ID : 75189731938

Option 2 ID : 75189731940

Option 3 ID : 75189731937

Option 4 ID : 75189731939

Status : Answered

Chosen Option : 3

Q.46 A sum of ₹5,000 is divided into two parts. One part is deposited in bank A at simple interest at 5% per annum, and the other part is deposited in bank B at simple interest at 10% per annum. If the total annual interest received is ₹325, then the money deposited in bank A was:

- Ans
- ☒ 1. ₹5,000
 - ☒ 2. ₹3,500
 - ☒ 3. ₹4,000
 - ☒ 4. ₹1,500

Question ID : 75189713303

Option 1 ID : 75189753210

Option 2 ID : 75189753211

Option 3 ID : 75189753212

Option 4 ID : 75189753209

Status : Marked For Review

Chosen Option : 2

Q.47 In March 2022, _____ has been elected as the superior general of the Missionaries of Charity, becoming the fourth occupant of the top post of the global organisation founded by Saint Teresa of Kolkata.

- Ans
- ☒ 1. Sister Anselm
 - ☒ 2. Sister Mary Prema Pierick
 - ☒ 3. Sisters Marguerite
 - ☒ 4. Sister Mary Joseph

Question ID : 75189711102

Option 1 ID : 75189744408

Option 2 ID : 75189744405

Option 3 ID : 75189744407

Option 4 ID : 75189744406

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.48

- Ans
- ☒ 1. Shiv Kapur
 - ☒ 2. Anirban Lahiri
 - ☒ 3. Arjun Atwal
 - ☒ 4. Gaurav Ghei

Question ID : 75189712112

Option 1 ID : 75189748445

Option 2 ID : 75189748446

Option 3 ID : 75189748448

Option 4 ID : 75189748447

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.49 Refer to the following letter series and answer the question that follows.

PLMOKIJNBHUYGAVECFT

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

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

Question ID : 7518978991

Option 1 ID : 75189735963

Option 2 ID : 75189735961

Option 3 ID : 75189735962

Option 4 ID : 75189735964

Status : **Answered**

Chosen Option : 1

Q.50 In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statement:

Providing LPG connections to BPL (Below Poverty Level) households will ensure universal coverage of cooking gas in country X.

Conclusions:

- I. Usage of traditional cooking fuels such as firewood, coal, etc., is a common practice in rural parts of country X.
- II. No other mode of cooking is as effective as using LPG.

Ans  1. Neither conclusion I nor II follows

 2. Both conclusions I and II follow

 3. Only conclusion I follows

 4. Only conclusion II follows

Question ID : **75189715123**

Option 1 ID : **75189760491**

Option 2 ID : **75189760492**

Option 3 ID : **75189760489**

Option 4 ID : **75189760490**

Status : **Answered**

Chosen Option : **3**

Q.51 Suppose an object of height 5 cm is placed in front of a concave mirror and a real and inverted image of the same size is formed at a distance of 20.0 cm. Then the centre of curvature of the mirror is at:

Ans  1. 10 cm

 2. 20 cm

 3. 15 cm

 4. 5 cm

Question ID : **75189712178**

Option 1 ID : **75189748710**

Option 2 ID : **75189748712**

Option 3 ID : **75189748711**

Option 4 ID : **75189748709**

Status : **Not Attempted and
Marked For Review**

Chosen Option : **--**

Q.52

- Ans
- ☒ 1. V
 - ☒ 2. W
 - ☒ 3. Y
 - ☒ 4. U

Question ID : 75189714582

Option 1 ID : 75189758328

Option 2 ID : 75189758327

Option 3 ID : 75189758326

Option 4 ID : 75189758325

Status : Marked For Review

Chosen Option : 3

Q.53 Simplify the given expression.

$$\frac{z(x^3 - y^3)}{x^2 + xy + y^2} + \frac{x(y^3 - z^3)}{y^2 + yz + z^2} + \frac{y(z^3 - x^3)}{z^2 + zx + x^2}$$

- Ans
- ☒ 1. $x - y - z$
 - ☒ 2. 0
 - ☒ 3. $x^2 + y^2 + z^2$
 - ☒ 4. $x + y + z$

Question ID : 75189711778

Option 1 ID : 75189747111

Option 2 ID : 75189747112

Option 3 ID : 75189747110

Option 4 ID : 75189747109

Status : Not Answered

Chosen Option : --

Q.54 In a certain alpha-numeric code, 'PLATE' is written as 45 and 'BLEAK' is written as 13. How will 'PASTE' be written in the same code?

- Ans
- ☒ 1. 12
 - ☒ 2. 21
 - ☒ 3. 54
 - ☒ 4. 16

Question ID : 75189714639

Option 1 ID : 75189758556

Option 2 ID : 75189758555

Option 3 ID : 75189758554

Option 4 ID : 75189758553

Status : Answered

Chosen Option : 4

Q.55

- Ans
- ☐ 1. 5 days
 - ☐ 2. 4 days
 - ☐ 3. 6 days
 - ☒ 4. 3 days

Question ID : 75189712980

Option 1 ID : 75189751919

Option 2 ID : 75189751918

Option 3 ID : 75189751920

Option 4 ID : 75189751917

Status : Marked For Review

Chosen Option : 4

Q.56 What was the main reason behind Mendel's success in deriving the laws of inheritance?

- Ans
- ☐ 1. He selected the pea plant.
 - ☒ 2. He studied only one character at a time in his crosses.
 - ☐ 3. He chose parents that were identical.
 - ☐ 4. He counted the individuals exhibiting a particular trait in each generation.

Question ID : 75189714857

Option 1 ID : 75189759428

Option 2 ID : 75189759426

Option 3 ID : 75189759425

Option 4 ID : 75189759427

Status : Marked For Review

Chosen Option : 4

Q.57 If a and b are the roots of the equation $x^2 + 5x + 4 = 0$, then the value of $\frac{a^3 + b^3}{a^2 + b^2 - 4}$ is:

- Ans
- ☐ 1. -6
 - ☒ 2. -5
 - ☐ 3. -4
 - ☐ 4. -7

Question ID : 75189712852

Option 1 ID : 75189751407

Option 2 ID : 75189751406

Option 3 ID : 75189751405

Option 4 ID : 75189751408

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.58

- Ans
- ☒ 1. electric motor
 - ☒ 2. electric toaster
 - ☒ 3. electric generator
 - ☒ 4. electric kettle

Question ID : 75189713891

Option 1 ID : 75189755561

Option 2 ID : 75189755564

Option 3 ID : 75189755563

Option 4 ID : 75189755562

Status : Marked For Review

Chosen Option : 3

Q.59 Pawl Kut is the greatest of all the festivals celebrated in the state of _____.

- Ans
- ☒ 1. Meghalaya
 - ☒ 2. Kerala
 - ☒ 3. Goa
 - ☒ 4. Mizoram

Question ID : 75189713989

Option 1 ID : 75189755954

Option 2 ID : 75189755955

Option 3 ID : 75189755956

Option 4 ID : 75189755953

Status : Answered

Chosen Option : 4

Q.60 Which of the following is India's first AI-based job platform for persons with disabilities?

- Ans
- ☒ 1. Swarajability
 - ☒ 2. Ujalaability
 - ☒ 3. Jeevanability
 - ☒ 4. Bhartability

Question ID : 75189712439

Option 1 ID : 75189749756

Option 2 ID : 75189749754

Option 3 ID : 75189749755

Option 4 ID : 75189749753

Status : Answered

Chosen Option : 1

Q.61

- Ans ☐ 1. 5 m
☐ 2. 0.5 m
☒ 3. 1.5 m
☐ 4. 2 m

Question ID : 75189714087

Option 1 ID : 75189756346

Option 2 ID : 75189756345

Option 3 ID : 75189756347

Option 4 ID : 75189756348

Status : Not Answered

Chosen Option : --

Q.62 Select the correct Dobereiner's triads from the given sets.

- Ans ☐ 1. Ca, Sr, I
☐ 2. Li, Na, Ba
☒ 3. Ca, Sr, Ba
☐ 4. F, Cl, Br

Question ID : 75189714690

Option 1 ID : 75189758759

Option 2 ID : 75189758757

Option 3 ID : 75189758760

Option 4 ID : 75189758758

Status : Answered

Chosen Option : 3

Q.63 The substance which doctors use as plaster for supporting fractured bones in the right position is:

- Ans ☐ 1. $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$
☐ 2. $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
☐ 3. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
☒ 4. $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$

Question ID : 7518979660

Option 1 ID : 75189738640

Option 2 ID : 75189738639

Option 3 ID : 75189738638

Option 4 ID : 75189738637

Status : Answered

Chosen Option : 4

Q.64

- Ans
- ☒ 1. 8
 - ☒ 2. 6
 - ☒ 3. 4
 - ☒ 4. 2

Question ID : 75189714570

Option 1 ID : 75189758279

Option 2 ID : 75189758280

Option 3 ID : 75189758277

Option 4 ID : 75189758278

Status : Marked For Review

Chosen Option : 3

Q.65 The area of a triangle whose sides measures 10 cm, 12 cm and 14 cm is:

- Ans
- ☒ 1. $32\sqrt{3} \text{ cm}^2$
 - ☒ 2. $25\sqrt{5} \text{ cm}^2$
 - ☒ 3. $30\sqrt{2} \text{ cm}^2$
 - ☒ 4. $24\sqrt{6} \text{ cm}^2$

Question ID : 75189712854

Option 1 ID : 75189751413

Option 2 ID : 75189751416

Option 3 ID : 75189751415

Option 4 ID : 75189751414

Status : Marked For Review

Chosen Option : 4

Q.66 Which of the following properties remain same while moving down the group in the periodic table?

- Ans
- ☒ 1. Non-metallic character
 - ☒ 2. Atomic size
 - ☒ 3. Metallic character
 - ☒ 4. Valency

Question ID : 75189714699

Option 1 ID : 75189758796

Option 2 ID : 75189758794

Option 3 ID : 75189758795

Option 4 ID : 75189758793

Status : Marked For Review

Chosen Option : 4

Q.67

- Ans ☒ 1. hypermarket
☒ 2. supermarket
☒ 3. minimart
☒ 4. hitmart

Question ID : 75189714071

Option 1 ID : 75189756281

Option 2 ID : 75189756284

Option 3 ID : 75189756282

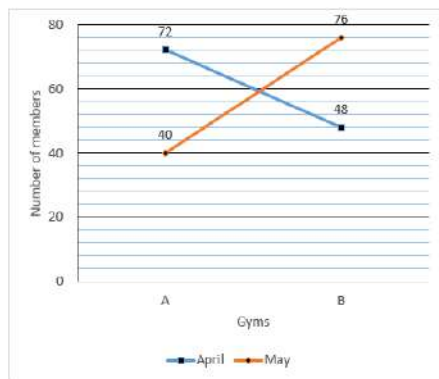
Option 4 ID : 75189756283

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.68 Study the given line graph and answer the following question.

The given line graph depicts the number of members in two gyms A and B, in the months of April and May.



The number of members in Gym B in April is what percentage more than the number of members in Gym A in May?

- Ans ☒ 1. 10%
☒ 2. 20%
☒ 3. 12%
☒ 4. 40%

Question ID : 75189712722

Option 1 ID : 75189750886

Option 2 ID : 75189750887

Option 3 ID : 75189750885

Option 4 ID : 75189750888

Status : **Marked For Review**

Chosen Option : 2

Q.69

- Ans ☒ 1. do not scatter any one of the wavelengths of visible light
- ☒ 2.
scatter very high amount of red and blue wavelength of visible light
- ☒ 3.
scatter all the wavelengths of the visible light with almost equal intensity
- ☒ 4.
scatter very less amount of red and blue wavelength of visible light

Question ID : 75189712214

Option 1 ID : 75189748853

Option 2 ID : 75189748856

Option 3 ID : 75189748855

Option 4 ID : 75189748854

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.70 Seven boxes S, T, U, V, W, X and Y are kept one over the other but not necessarily in the same order. X is kept immediately below V. Only two boxes are kept above U. T is kept immediately above S. U is kept immediately above V. Only two boxes are kept below X. How many boxes are below V?

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

Question ID : 75189713542

Option 1 ID : 75189754167

Option 2 ID : 75189754166

Option 3 ID : 75189754168

Option 4 ID : 75189754165

Status : **Marked For Review**

Chosen Option : 4

Q.71 Which of the following equations does NOT have real roots?

- Ans ☒ 1. $6x^2 - 14x + 9 = 0$
- ☒ 2. $3x^2 - 5x + 2 = 0$
- ☒ 3. $x^2 - 4x - 3 = 0$
- ☒ 4. $x^2 - 7x + 5 = 0$

Question ID : 75189712650

Option 1 ID : 75189750600

Option 2 ID : 75189750597

Option 3 ID : 75189750598

Option 4 ID : 75189750599

Status : **Marked For Review**

Chosen Option : 1

Q.72

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

Question ID : 75189713241

Option 1 ID : 75189752964

Option 2 ID : 75189752963

Option 3 ID : 75189752962

Option 4 ID : 75189752961

Status : Answered

Chosen Option : 4

Q.73 Simplify the given expression.

$$\frac{x^2 + 3x - 10}{x^2 - 25} \times \frac{x^2 + 3x + 2}{x^2 - 4} \times \frac{x(x + 2)}{(x + 1)^2 + (x + 1)}$$

- Ans  1. $\frac{x - 5}{x}$
 2. $\frac{x + 5}{x}$
 3. $\frac{x}{x + 5}$
 4. $\frac{x}{x - 5}$

Question ID : 75189712642

Option 1 ID : 75189750567

Option 2 ID : 75189750565

Option 3 ID : 75189750566

Option 4 ID : 75189750568

Status : Not Answered

Chosen Option : --

Q.74

Ans

✓ 1. $\triangle CAD \cong \triangle FBD$

✗ 2. $\triangle CAD \cong \triangle BFD$

✗ 3. $\triangle CAD \cong \triangle DBF$

✗ 4. $\triangle CAD \cong \triangle DFB$

Question ID : 75189712659

Option 1 ID : 75189750634

Option 2 ID : 75189750635

Option 3 ID : 75189750633

Option 4 ID : 75189750636

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.75 When a Tirthankara leaves a mortal body, it is known as _____.

Ans

✗ 1. Janma Kalyana

✗ 2. Tapa Kalyana

✗ 3. Siddhashila

✓ 4. Nirvana

Question ID : 75189714058

Option 1 ID : 75189756231

Option 2 ID : 75189756230

Option 3 ID : 75189756229

Option 4 ID : 75189756232

Status : Marked For Review

Chosen Option : 4

Q.76 When we consider biodegradable substances, we see that the common property is that _____.

Ans

✗ 1. they are all water-soluble

✗ 2. they are all plant products

✓ 3. they are all biological in origin

✗ 4. they are not toxic

Question ID : 75189712316

Option 1 ID : 75189749263

Option 2 ID : 75189749261

Option 3 ID : 75189749264

Option 4 ID : 75189749262

Status : Marked For Review

Chosen Option : 2

Q.77

- Ans ☒ 1. Assam
- ☐ 2. Meghalaya
- ☐ 3. Nagaland
- ☐ 4. Mizoram

Question ID : 75189712501

Option 1 ID : 75189750001

Option 2 ID : 75189750003

Option 3 ID : 75189750002

Option 4 ID : 75189750004

Status : Answered

Chosen Option : 1

Q.78 Ashutosh walks 90 m towards north from his house, then he turns left and walks 110 m. He again turns left and walks 150 m. He then turns left again, and covers a distance of 130 m. In which direction is Ashutosh now, with respect to the starting point? (All turns are 90° turns only)

- Ans ☒ 1. South-east
- ☐ 2. North-east
- ☐ 3. North-west
- ☐ 4. South-west

Question ID : 75189713117

Option 1 ID : 75189752465

Option 2 ID : 75189752466

Option 3 ID : 75189752467

Option 4 ID : 75189752468

Status : Answered

Chosen Option : 1

Q.79 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ACR : BDS
GUX : HVY

- Ans ☐ 1. SIO : KQP
- ☒ 2. MQF : NRG
- ☐ 3. OIF : NHE
- ☐ 4. HJL : SQO

Question ID : 75189714923

Option 1 ID : 75189759692

Option 2 ID : 75189759690

Option 3 ID : 75189759689

Option 4 ID : 75189759691

Status : Answered

Chosen Option : 2

Q.80

- Ans
- ☒ 1. Awami Waqf Board Taraqqiati Scheme (AWBTS)
 - ☒ 2. Qaumi Waqf Board Taraqqiati Scheme (QWBTS)
 - ☒ 3. Molana Waqf Board Taraqqiati Scheme (MWBTS)
 - ☒ 4. Islamic Waqf Board Taraqqiati Scheme (IWBTS)

Question ID : 75189712454

Option 1 ID : 75189749815

Option 2 ID : 75189749816

Option 3 ID : 75189749813

Option 4 ID : 75189749814

Status : Not Answered

Chosen Option : --

Q.81 A copper wire has radius 0.5 mm and length 100 m. If the resistivity of the material is 2.5×10^{-8} ohm-m, then the resistance of the wire is _____.

- Ans
- ☒ 1. 10π ohm
 - ☒ 2. 1000π ohm
 - ☒ 3. $1000 / \pi$ ohm
 - ☒ 4. $10 / \pi$ ohm

Question ID : 75189713800

Option 1 ID : 75189755198

Option 2 ID : 75189755199

Option 3 ID : 75189755197

Option 4 ID : 75189755200

Status : Marked For Review

Chosen Option : 3

Q.82 If $12600 = p^3 \times q^2 \times r^2 \times s^1$, where p, q, r and s are consecutive prime numbers in ascending order, then what is the value of $(3p + 2q - r + s)$?

- Ans
- ☒ 1. 12
 - ☒ 2. 13
 - ☒ 3. 14
 - ☒ 4. 17

Question ID : 75189712612

Option 1 ID : 75189750445

Option 2 ID : 75189750446

Option 3 ID : 75189750447

Option 4 ID : 75189750448

Status : Marked For Review

Chosen Option : 4

Q.83

- Ans
- ☒ 1. Chhattisgarh
 - ☒ 2. Tripura
 - ☒ 3. Nagaland
 - ☒ 4. Odisha

Question ID : 75189712138

Option 1 ID : 75189748551

Option 2 ID : 75189748550

Option 3 ID : 75189748549

Option 4 ID : 75189748552

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.84 Which Articles of the Constitution of India deals with the provision of Attorney General of India?

- Ans
- ☒ 1. Article 76
 - ☒ 2. Article 56
 - ☒ 3. Article 66
 - ☒ 4. Article 46

Question ID : 7518979444

Option 1 ID : 75189737774

Option 2 ID : 75189737775

Option 3 ID : 75189737773

Option 4 ID : 75189737776

Status : **Answered**

Chosen Option : 1

Q.85 Which of the following is NOT a leap year?

- Ans
- ☒ 1. 6800
 - ☒ 2. 2600
 - ☒ 3. 8800
 - ☒ 4. 4800

Question ID : 75189713580

Option 1 ID : 75189754319

Option 2 ID : 75189754317

Option 3 ID : 75189754320

Option 4 ID : 75189754318

Status : **Answered**

Chosen Option : 2

Q.86

- Ans
- ☒ 1. 174
 - ☒ 2. 154
 - ☒ 3. 162
 - ☒ 4. 186

Question ID : 75189712718

Option 1 ID : 75189750871

Option 2 ID : 75189750869

Option 3 ID : 75189750870

Option 4 ID : 75189750872

Status : Answered

Chosen Option : 4

Q.87 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:

23 : 14 :: 11 : 8 :: 7 : ?

- Ans
- ☒ 1. 6
 - ☒ 2. 4
 - ☒ 3. 8
 - ☒ 4. 5

Question ID : 75189713233

Option 1 ID : 75189752930

Option 2 ID : 75189752931

Option 3 ID : 75189752932

Option 4 ID : 75189752929

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.88 Which of the following states has started the 'Kudumbashree' programme which plays a vital role in enhancing the financial status of the less privileged women in the State through its thrift and credit programme?

- Ans
- ☒ 1. Assam
 - ☒ 2. West Bengal
 - ☒ 3. Kerala
 - ☒ 4. Odisha

Question ID : 75189712477

Option 1 ID : 75189749906

Option 2 ID : 75189749907

Option 3 ID : 75189749905

Option 4 ID : 75189749908

Status : Marked For Review

Chosen Option : 2

Q.89

- Ans  1. $2 \sin \theta$
-  2. $\operatorname{cosec} \theta$
-  3. $2 \cos \theta$
-  4. $\sec \theta$

Question ID : 75189712661

Option 1 ID : 75189750643

Option 2 ID : 75189750641

Option 3 ID : 75189750644

Option 4 ID : 75189750642

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.90 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:

All Bats are Mammals.

Some Bats are Viruses.

All Viruses are Diseases.

Conclusions:

(I) Some Bats are Diseases.

(II) Some Mammals are Viruses.

- 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 : 75189714589

Option 1 ID : 75189758355

Option 2 ID : 75189758356

Option 3 ID : 75189758353

Option 4 ID : 75189758354

Status : **Answered**

Chosen Option : 1

Q.91

- Ans
- ☒ 1. 24
 - ☒ 2. 42
 - ☒ 3. 23
 - ☒ 4. 32

Question ID : 75189713005

Option 1 ID : 75189752017

Option 2 ID : 75189752018

Option 3 ID : 75189752020

Option 4 ID : 75189752019

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.92 Two trains of equal length are running on parallel lines in the same direction at speeds of 46 km/h and 36 km/h. The faster train passes the slower train in 36 seconds. The relative speed of these two trains (in m/s) is:

- Ans
- ☒ 1. $\frac{25}{9}$
 - ☒ 2. $\frac{25}{18}$
 - ☒ 3. $\frac{25}{8}$
 - ☒ 4. $\frac{25}{7}$

Question ID : 75189712976

Option 1 ID : 75189751901

Option 2 ID : 75189751902

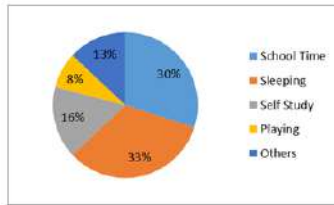
Option 3 ID : 75189751903

Option 4 ID : 75189751904

Status : **Not Answered**

Chosen Option : --

Q.93 The given pie chart shows use of time in a full day (24 hours) by a student. Study the pie chart and answer the question that follows.



What is the approximate difference between the number of hours used for self study and school time?

- Ans
- ☒ 1. 4 hours
 - ☒ 2. 2 hours
 - ☒ 3. 4.5 hours
 - ☒ 4. 3.5 hours

Question ID : 75189713666

Option 1 ID : 75189754663

Option 2 ID : 75189754661

Option 3 ID : 75189754662

Option 4 ID : 75189754664

Status : Answered

Chosen Option : 4

Q.94 The splitting of light of the sun into various colours of the rainbow is called _____.

- Ans
- ☒ 1. Dispersion of light
 - ☒ 2. scattering of light
 - ☒ 3. Reflection of light
 - ☒ 4. Total internal reflection

Question ID : 75189713769

Option 1 ID : 75189755076

Option 2 ID : 75189755073

Option 3 ID : 75189755074

Option 4 ID : 75189755075

Status : Answered

Chosen Option : 1

Q.95 If $12 : 3 :: 8 : x$, then find the value of x .

- Ans
- ☒ 1. 6
 - ☒ 2. 1
 - ☒ 3. 2
 - ☒ 4. 4

Question ID : 75189713298

Option 1 ID : 75189753191

Option 2 ID : 75189753192

Option 3 ID : 75189753190

Option 4 ID : 75189753189

Status : Answered

Chosen Option : 3

Q.96

- Ans  1. 73rd Amendment
-  2. 70th Amendment
-  3. 75th Amendment
-  4. 65th Amendment

Question ID : 75189714022

Option 1 ID : 75189756088

Option 2 ID : 75189756087

Option 3 ID : 75189756086

Option 4 ID : 75189756085

Status : Answered

Chosen Option : 1

Q.97 Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All books are papers.

All trees are papers.

All papers are recyclable.

Conclusions:

I. Some books are trees.

II. All trees are recyclable.

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

Question ID : 75189713025

Option 1 ID : 75189752100

Option 2 ID : 75189752097

Option 3 ID : 75189752099

Option 4 ID : 75189752098

Status : Answered

Chosen Option : 2

Q.98

- Ans ☒ 1. KLJ
☒ 2. KJL
☒ 3. JKL
☒ 4. KKK

Question ID : 7518977652

Option 1 ID : 75189730606

Option 2 ID : 75189730605

Option 3 ID : 75189730607

Option 4 ID : 75189730608

Status : Marked For Review

Chosen Option : 1

Q.99 $\{40 \div (2^5 \div 4) \times 125\}$ equals:

- Ans ☒ 1. 2000
☒ 2. 225
☒ 3. 1000
☒ 4. 625

Question ID : 75189711996

Option 1 ID : 75189747982

Option 2 ID : 75189747984

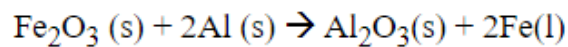
Option 3 ID : 75189747981

Option 4 ID : 75189747983

Status : Answered

Chosen Option : 3

Q.100 In the given reaction, reduction of which substance takes place?



- Ans ☒ 1. Ferric oxide
☒ 2. Aluminium oxide
☒ 3. Aluminium
☒ 4. Iron

Question ID : 75189715025

Option 1 ID : 75189760097

Option 2 ID : 75189760099

Option 3 ID : 75189760098

Option 4 ID : 75189760100

Status : Marked For Review

Chosen Option : 1