



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 Ramireddipalle
Test Date	11/10/2022
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 voltages across three resistances R_1 , R_2 and R_3 connected in series are V_1 , V_2 and V_3 , respectively. What is the net voltage V across them if I represents the net current flowing through them?

- Ans
- ☒ 1. $V = (1/V_1) + (1/V_2) + (1/V_3)$
 - ☒ 2. $V = (1/R_1) + (1/R_2) + (1/R_3)$
 - ☒ 3. $V = V_1 + V_2 + V_3$
 - ☒ 4. $V = R_1 + R_2 + R_3$

Question ID : 75189713807

Option 1 ID : 75189755225

Option 2 ID : 75189755226

Option 3 ID : 75189755228

Option 4 ID : 75189755227

Status : Answered

Chosen Option : 3

Q.2 The best practice that is involved in biological waste disposal is:

- Ans
- ☒ 1. incineration
 - ☒ 2. reusing
 - ☒ 3. recycling
 - ☒ 4. open dumping

Question ID : 75189710270

Option 1 ID : 75189741080

Option 2 ID : 75189741077

Option 3 ID : 75189741078

Option 4 ID : 75189741079

Status : Answered

Chosen Option : 1

Q.3 Which of the following statements is/are true in case of an incandescent filament bulb?

- (a) Filament can be made of tungsten or nichrome.
- (b) The glass envelope covering the filament is filled with inactive gases such as nitrogen or argon.
- (c) Since the filament used is thin, its resistivity is very low.
- (d) The resistivity of the filament is low to allow more current.
- (e) The filament material used should have high melting point.

Ans  1. (c), (d), (e)
 2. (a), (b), (e)
 3. (a), (c), (d)
 4. (b), (c), (d)

Question ID : **75189715102**

Option 1 ID : **75189760408**

Option 2 ID : **75189760407**

Option 3 ID : **75189760405**

Option 4 ID : **75189760406**

Status : **Answered**

Chosen Option : **1**

Q.4 Which is the apex governing body of air sports in India?

Ans  1. Air Sports Federation of India
 2. Ministry of Civil Aviation
 3. Ministry of Youth Affairs and Sports
 4. Aero Club of India

Question ID : **75189712571**

Option 1 ID : **75189750281**

Option 2 ID : **75189750282**

Option 3 ID : **75189750283**

Option 4 ID : **75189750284**

Status : **Answered**

Chosen Option : **2**

Q.5

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

Question ID : **75189713380**
Option 1 ID : **75189753519**
Option 2 ID : **75189753517**
Option 3 ID : **75189753520**
Option 4 ID : **75189753518**
Status : **Answered**
Chosen Option : **1**

Q.6 In 1955 a special committee known as the Karve Committee was constituted. This committee advised:

- Ans  1.
the promotion of small-scale industries for the purpose of rural development
-  2. the rapid export of cotton and fresh fruits
-  3. the promotion of the agriculture sector
-  4.
the promotion of large industries for the purpose of urban development

Question ID : **75189715447**
Option 1 ID : **75189761785**
Option 2 ID : **75189761788**
Option 3 ID : **75189761787**
Option 4 ID : **75189761786**
Status : **Not Answered**
Chosen Option : **--**

Q.7 This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Eating frozen foods is advantageous.

Arguments:

- I. Frozen foods sometimes may have more vitamins and minerals compared to fresh food, because fresh foods lose vitamins and minerals over time while freezing preserves nutrients.
- II. Sodium present in frozen foods can lead to increased blood pressure level.

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

Question ID : **75189715324**

Option 1 ID : **75189761294**

Option 2 ID : **75189761296**

Option 3 ID : **75189761293**

Option 4 ID : **75189761295**

Status : **Answered**

Chosen Option : **1**

Q.8 If '+' means '-', '-' means '+', '×' means '+', and '÷' means '×', what will come in place of the question mark (?) in the following equation?

$$15 - 8 + 7 + 6 \times 3 = ?$$

- Ans**
- ☐ 1. 12
 - ☐ 2. 6
 - ☒ 3. 9
 - ☐ 4. 10

Question ID : **75189713071**

Option 1 ID : **75189752284**

Option 2 ID : **75189752281**

Option 3 ID : **75189752283**

Option 4 ID : **75189752282**

Status : **Answered**

Chosen Option : **3**

Q.9 In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $N > W = E \geq D < Y = P \leq K$

Ans  1. $W \geq D$

 2. $K \leq Y$

 3. $N < E$

 4. $D > N$

Question ID : **75189710809**

Option 1 ID : **75189743235**

Option 2 ID : **75189743236**

Option 3 ID : **75189743233**

Option 4 ID : **75189743234**

Status : **Answered**

Chosen Option : **1**

Q.10 Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

M N O _ M N _ M N P _ _ O P

Ans  1. **POPOMN**

 2. **MNPOPP**

 3. **NMPONM**

 4. **POPOMM**

Question ID : **75189711020**

Option 1 ID : **75189744077**

Option 2 ID : **75189744079**

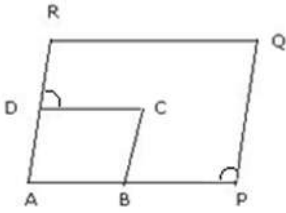
Option 3 ID : **75189744080**

Option 4 ID : **75189744078**

Status : **Answered**

Chosen Option : **1**

Q.11 In the given figure, ABCD and APQR are two parallelograms. If $\angle APQ = 100^\circ$, find $\angle CDR$.



- Ans
- ☒ 1. 40°
 - ☒ 2. 80°
 - ☒ 3. 100°
 - ☒ 4. 36°

Question ID : 75189712100

Option 1 ID : 75189748398

Option 2 ID : 75189748397

Option 3 ID : 75189748399

Option 4 ID : 75189748400

Status : Answered

Chosen Option : 3

Q.12 Simplify the following.

$$\frac{(3x^2)^5}{(6x^{-2})^2}$$

- Ans
- ☒ 1. $\frac{81x^{14}}{36}$
 - ☒ 2. $\frac{27x^{14}}{4}$
 - ☒ 3. $\frac{81x^6}{36}$
 - ☒ 4. $\frac{27x^6}{36}$

Question ID : 75189713253

Option 1 ID : 75189753009

Option 2 ID : 75189753011

Option 3 ID : 75189753012

Option 4 ID : 75189753010

Status : Answered

Chosen Option : 2

Q.13 Refer to the following number series and answer the question that follows.

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

How many such odd digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

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

Question ID : **75189713933**

Option 1 ID : **75189755730**

Option 2 ID : **75189755731**

Option 3 ID : **75189755729**

Option 4 ID : **75189755732**

Status : **Answered**

Chosen Option : **1**

Q.14 What is the discount percentage in the scheme of 'buy 5 get 3 free'?

- Ans**
- ☐ 1. 60%
 - ☐ 2. 39.25%
 - ☒ 3. 37.5%
 - ☐ 4. 36.5%

Question ID : **75189714335**

Option 1 ID : **75189757337**

Option 2 ID : **75189757339**

Option 3 ID : **75189757338**

Option 4 ID : **75189757340**

Status : **Answered**

Chosen Option : **3**

Q.15 3 kg of apples and 4 kg of oranges cost ₹210, and 5 kg of apples and 2 kg of oranges cost ₹175. Find the cost of 1 kg of apples.

- Ans**
- ☐ 1. ₹37.5
 - ☒ 2. ₹20
 - ☐ 3. ₹25
 - ☐ 4. ₹35.7

Question ID : **75189713364**

Option 1 ID : **75189753453**

Option 2 ID : **75189753455**

Option 3 ID : **75189753456**

Option 4 ID : **75189753454**

Status : **Answered**

Chosen Option : **2**

Q.16

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

Question ID : 75189713276
Option 1 ID : 75189753104
Option 2 ID : 75189753103
Option 3 ID : 75189753101
Option 4 ID : 75189753102
Status : Answered
Chosen Option : 1

Q.17 During which of the following festivals is the Puli Kali (Tiger dance) event the main attraction?

- Ans  1. Onam
-  2. Baisakhi
-  3. Bihu
-  4. Pongal

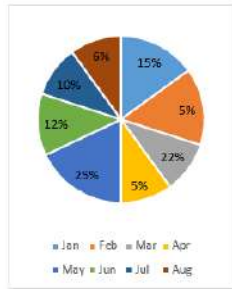
Question ID : 75189715410
Option 1 ID : 75189761637
Option 2 ID : 75189761640
Option 3 ID : 75189761639
Option 4 ID : 75189761638
Status : Answered
Chosen Option : 3

Q.18 If the length l of a room is reduced by 10% and breadth b is increased by 10%, then find the positive change in its perimeter.

- Ans  1. $\frac{l-b}{5}$
-  2. $\frac{2}{5}(l-b)$
-  3. $\frac{2}{5}(l+b)$
-  4. $\frac{l+b}{5}$

Question ID : 75189711806
Option 1 ID : 75189747224
Option 2 ID : 75189747221
Option 3 ID : 75189747222
Option 4 ID : 75189747223
Status : Not Answered
Chosen Option : --

Q.19 The given pie chart shows the percentage of expenditure on electricity by a family in different months. Study the chart and answer the question.



What is the central angle for the total expenditure on electricity in all the months together, EXCEPT May and August?

- Ans**
- ✓ 1. 248.4°
 - ✗ 2. 216.8°
 - ✗ 3. 234.8°
 - ✗ 4. 210.7°

Question ID : **75189715209**

Option 1 ID : **75189760836**

Option 2 ID : **75189760834**

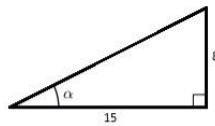
Option 3 ID : **75189760833**

Option 4 ID : **75189760835**

Status : **Answered**

Chosen Option : **1**

Q.20



In the given right-angled triangle, where the lengths of the sides given are in cm, find the value of $\cos \alpha + \cot \alpha$

- Ans**
- ✗ 1. $\frac{333}{136}$
 - ✓ 2. $\frac{375}{136}$
 - ✗ 3. $\frac{15}{17}$
 - ✗ 4. $\frac{19}{8}$

Question ID : **75189713471**

Option 1 ID : **75189753883**

Option 2 ID : **75189753884**

Option 3 ID : **75189753881**

Option 4 ID : **75189753882**

Status : **Answered**

Chosen Option : **2**

Q.21

Ans  1.

either the bar magnet is moved towards the closed coil or the closed coil is moved towards the bar magnet

 2.

both the bar magnet and the closed coil are moving with same speed and in the same direction

 3. the closed coil is moved towards the bar magnet only

 4. a bar magnet is moved towards the closed coil only

Question ID : 75189715112

Option 1 ID : 75189760447

Option 2 ID : 75189760448

Option 3 ID : 75189760446

Option 4 ID : 75189760445

Status : Answered

Chosen Option : 1

Q.22 In order to make the simplification problem given below correct, which of the pairs of signs given in the options needs to be interchanged?

$$25 \div 5 - 2 \times 30 \div 3 = 10$$

Ans  1. $\div$ and $+$

 2. $\times$ and $+$

 3. $\times$ and $-$

 4. $\div$ and $-$

Question ID : 75189713246

Option 1 ID : 75189752984

Option 2 ID : 75189752983

Option 3 ID : 75189752982

Option 4 ID : 75189752981

Status : Answered

Chosen Option : 1

Q.23 Burning of natural gas is:

Ans  1. an endothermic reaction

 2. an exothermic reaction

 3. a substitution reaction

 4. a decomposition reaction

Question ID : 75189713943

Option 1 ID : 75189755770

Option 2 ID : 75189755769

Option 3 ID : 75189755772

Option 4 ID : 75189755771

Status : Answered

Chosen Option : 1

Q.24

- Ans  1. 40 hours
 2. 50 hours
 3. 30 hours
 4. 60 hours

Question ID : 75189714351

Option 1 ID : 75189757402

Option 2 ID : 75189757403

Option 3 ID : 75189757404

Option 4 ID : 75189757401

Status : Answered

Chosen Option : 4

Q.25 Bleaching powder is formed when dry slaked lime reacts with _____.

- Ans  1. bromine
 2. chlorine
 3. hydrogen
 4. nitrogen

Question ID : 75189715151

Option 1 ID : 75189760604

Option 2 ID : 75189760603

Option 3 ID : 75189760602

Option 4 ID : 75189760601

Status : Answered

Chosen Option : 2

Q.26 G, K, M, P, S and V 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. G lives on floor number 3. Only one person lives between G and M. As many people live below K as above M. P lives immediately below S. How many people live above P?

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

Question ID : 75189715231

Option 1 ID : 75189760922

Option 2 ID : 75189760924

Option 3 ID : 75189760923

Option 4 ID : 75189760921

Status : Answered

Chosen Option : 1

Q.27

- Ans ☒ 1. 140
☐ 2. 32
☐ 3. 130
☐ 4. 112

Question ID : 75189713120

Option 1 ID : 75189752478

Option 2 ID : 75189752477

Option 3 ID : 75189752480

Option 4 ID : 75189752479

Status : Not Answered

Chosen Option : --

Q.28 While packing birthday caps for a party in packs of 8 or 10, one cap was always left out. How many caps were there if there were more than 250 but less than 300 caps in the lot?

- Ans ☐ 1. 275
☐ 2. 268
☒ 3. 281
☐ 4. 261

Question ID : 75189712016

Option 1 ID : 75189748062

Option 2 ID : 75189748061

Option 3 ID : 75189748063

Option 4 ID : 75189748064

Status : Not Answered

Chosen Option : --

Q.29 Mangal walks 30 m north from his house, then he takes a right turn and walks 20 m. He then takes a right turn and walks 30 m, then turns left and walks 20 m, then he turns right and walks 10 m. Finally, he takes a right turn and walks 40 m. In which direction and how many metres is Mangal now from his house? (All turns are 90° turns only)

- Ans ☐ 1. 10 m, west
☐ 2. 20 m, east
☐ 3. 20 m, north
☒ 4. 10 m, south

Question ID : 75189713115

Option 1 ID : 75189752458

Option 2 ID : 75189752457

Option 3 ID : 75189752459

Option 4 ID : 75189752460

Status : Answered

Chosen Option : 4

Q.30

- Ans ☒ 1. Miami
☒ 2. Austin
☒ 3. San Jose
☒ 4. Boston

Question ID : 75189712337
Option 1 ID : 75189749348
Option 2 ID : 75189749345
Option 3 ID : 75189749347
Option 4 ID : 75189749346
Status : Answered
Chosen Option : 4

Q.31 Which of the following is a Buddhist temple in India?

- Ans ☒ 1. Mahabodhi Temple
☒ 2. Vishwanath Temple
☒ 3. Gorakhnath Temple
☒ 4. Nidhivan Temple

Question ID : 75189715420
Option 1 ID : 75189761679
Option 2 ID : 75189761680
Option 3 ID : 75189761678
Option 4 ID : 75189761677
Status : Answered
Chosen Option : 1

Q.32 A sum was invested at a certain rate of simple interest per annum for 8 years. Had it been invested at a rate of simple interest per annum that is 8% higher than the rate at which the sum had been actually invested, it would have fetched ₹4,000 more as interest at the end of the 8-year period. What was the sum invested?

- Ans ☒ 1. ₹6,250
☒ 2. ₹6,750
☒ 3. ₹6,925
☒ 4. ₹6,500

Question ID : 75189712954
Option 1 ID : 75189751813
Option 2 ID : 75189751815
Option 3 ID : 75189751816
Option 4 ID : 75189751814
Status : Answered
Chosen Option : 1

Q.33

- Ans
- ☐ 1. joule
 - ☐ 2. newton
 - ☒ 3. diopetre
 - ☐ 4. metre

Question ID : 7518979519
Option 1 ID : 75189738074
Option 2 ID : 75189738073
Option 3 ID : 75189738075
Option 4 ID : 75189738076

Status : Answered
Chosen Option : 3

Q.34 Which of the following languages has maximum number of speakers in India according to the Census 2011 data?

- Ans
- ☐ 1. Odia
 - ☒ 2. Bengali
 - ☐ 3. Kannada
 - ☐ 4. Malayalam

Question ID : 75189713998
Option 1 ID : 75189755991
Option 2 ID : 75189755989
Option 3 ID : 75189755990
Option 4 ID : 75189755992

Status : Answered
Chosen Option : 2

Q.35 $a\text{HNO}_3(\text{aq}) + b\text{Ca}(\text{OH})_2(\text{aq}) \rightarrow \text{Ca}(\text{NO}_3)_2 + c\text{H}_2\text{O}$

The coefficients a, b and c in the given balanced chemical equation are:

- Ans
- ☐ 1. 2, 2 and 2, respectively
 - ☐ 2. 2, 1 and 1, respectively
 - ☒ 3. 2, 1 and 2, respectively
 - ☐ 4. 1, 2 and 1, respectively

Question ID : 75189712771
Option 1 ID : 75189751084
Option 2 ID : 75189751082
Option 3 ID : 75189751081
Option 4 ID : 75189751083

Status : Answered
Chosen Option : 2

Q.36 Refer to the following letter, number, symbol series and answer the question.

(Left) E 7 8 # K 2 L ? = R 3 @ W * X 5 C H D 4 (Right) .

If all numbers are dropped from the series, which of the following will be seventh from the left?

Ans ☒ 1. W

☒ 2. =

☒ 3. R

☒ 4. *

Question ID : 75189713053

Option 1 ID : 75189752209

Option 2 ID : 75189752210

Option 3 ID : 75189752211

Option 4 ID : 75189752212

Status : Answered

Chosen Option : 3

Q.37 Which of the following events of modern Indian history is NOT correctly matched?

Ans ☒ 1. Dandi March by Mahatma Gandhi – 1910

☒ 2. Partition of Bengal by Lord Curzon – 1905

☒ 3. Quit India movement – 1942

☒ 4. Jallianwala Bagh massacre at Amritsar – 1919

Question ID : 75189715406

Option 1 ID : 75189761623

Option 2 ID : 75189761621

Option 3 ID : 75189761624

Option 4 ID : 75189761622

Status : Answered

Chosen Option : 1

Q.38 The power of an electric bulb of resistance 18 ohm if no voltage is applied across it is _____.

Ans ☒ 1. 0 W

☒ 2. 18 W

☒ 3. infinity

☒ 4. 9 W

Question ID : 75189713844

Option 1 ID : 75189755373

Option 2 ID : 75189755374

Option 3 ID : 75189755376

Option 4 ID : 75189755375

Status : Answered

Chosen Option : 1

Q.39

- Ans
-  1. 1003
 -  2. 1001
 -  3. 1000
 -  4. 1002

Question ID : **75189713703**
Option 1 ID : **75189754811**
Option 2 ID : **75189754810**
Option 3 ID : **75189754809**
Option 4 ID : **75189754812**
Status : **Answered**
Chosen Option : **3**

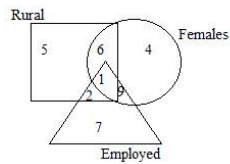
Q.40 Find the mode for the following data of student ages:

16, 17, 15, 17, 16, 15, 14, 14, 13, 17, 13, 12, 12, 16, 10, 14, 17, 10, 11.

- Ans
-  1. 15
 -  2. 16
 -  3. 17
 -  4. 11

Question ID : **75189714363**
Option 1 ID : **75189757452**
Option 2 ID : **75189757450**
Option 3 ID : **75189757451**
Option 4 ID : **75189757449**
Status : **Answered**
Chosen Option : **3**

Q.41 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many rural females are there who are NOT employed?

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

Question ID : 75189713604

Option 1 ID : 75189754413

Option 2 ID : 75189754414

Option 3 ID : 75189754415

Option 4 ID : 75189754416

Status : Answered

Chosen Option : 4

Q.42 According to the NREGA 'At a Glance' report, the average MGNREGA wages paid in the financial year 2021-2022 remain at only ₹208.85 per day. What is the full form of MGNREGA?

- Ans
- ☐ 1. Mahatma Gandhi National Rural Employer Guarantee Action
 - ☐ 2. Mahatma Gandhi National Rural Employee Guarantee Act
 - ☐ 3. Mahatma Gandhi National Rural Employment Guarantee Activity
 - ☒ 4. Mahatma Gandhi National Rural Employment Guarantee Act

Question ID : 7518978838

Option 1 ID : 75189735352

Option 2 ID : 75189735351

Option 3 ID : 75189735350

Option 4 ID : 75189735349

Status : Answered

Chosen Option : 4

Q.43

- Ans
- ☒ 1. Marking Ink Character Recognition
 - ☒ 2. Magnetic Ink Character Recognition
 - ☒ 3. Magnetic Ink Character Reconstruction
 - ☒ 4. Magnetic Ink Character Registration

Question ID : **75189712478**
Option 1 ID : **75189749909**
Option 2 ID : **75189749912**
Option 3 ID : **75189749910**
Option 4 ID : **75189749911**
Status : **Answered**
Chosen Option : **2**

Q.44 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.

32 : 56 :: 52 : ? :: 42 : 66

- Ans
- ☒ 1. 75
 - ☒ 2. 73
 - ☒ 3. 76
 - ☒ 4. 71

Question ID : **75189713694**
Option 1 ID : **75189754774**
Option 2 ID : **75189754776**
Option 3 ID : **75189754775**
Option 4 ID : **75189754773**
Status : **Answered**
Chosen Option : **3**

Q.45 Which of the following salts is an active ingredient in antacids?

- Ans
- ☒ 1. NaHCO_3
 - ☒ 2. Na_2CO_3
 - ☒ 3. CaCl_2
 - ☒ 4. CaOCl_2

Question ID : **75189712800**
Option 1 ID : **75189751198**
Option 2 ID : **75189751197**
Option 3 ID : **75189751200**
Option 4 ID : **75189751199**
Status : **Answered**
Chosen Option : **2**

Q.46

- Ans  1. 36
 2. 33
 3. 35
 4. 34

Question ID : **75189712702**
Option 1 ID : **75189750805**
Option 2 ID : **75189750808**
Option 3 ID : **75189750807**
Option 4 ID : **75189750806**
Status : **Answered**
Chosen Option : **2**

Q.47 There is a 20% discount on a dozen pairs of identical shoes marked at a combined price of ₹7,200. How many such pairs of shoes can be bought for ₹1,440?

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

Question ID : **75189714331**
Option 1 ID : **75189757322**
Option 2 ID : **75189757321**
Option 3 ID : **75189757324**
Option 4 ID : **75189757323**
Status : **Answered**
Chosen Option : **1**

Q.48 The area of a triangle is 85 cm^2 and its base is 5 cm. Find the height of the triangle corresponding to this given base.

- Ans  1. 51 cm
 2. 34 cm
 3. 24 cm
 4. 17 cm

Question ID : **75189713391**
Option 1 ID : **75189753564**
Option 2 ID : **75189753561**
Option 3 ID : **75189753562**
Option 4 ID : **75189753563**
Status : **Answered**
Chosen Option : **2**

Q.49

Ans

- ✓ 1. Sanjay Rajaram
- ✗ 2. Narinder Singh Kapany
- ✗ 3. Thiruvengadam Veeraraghavan
- ✗ 4. Rattan Lal

Question ID : 75189715485

Option 1 ID : 75189761939

Option 2 ID : 75189761938

Option 3 ID : 75189761940

Option 4 ID : 75189761937

Status : Answered

Chosen Option : 1

Q.50 If yesterday was Monday, then which day of the week it will be after 89 days from today?

Ans

- ✓ 1. Sunday
- ✗ 2. Saturday
- ✗ 3. Monday
- ✗ 4. Tuesday

Question ID : 75189713571

Option 1 ID : 75189754281

Option 2 ID : 75189754284

Option 3 ID : 75189754282

Option 4 ID : 75189754283

Status : Answered

Chosen Option : 1

Q.51 From the following, identify the applications of scattering of light.

- (a) Danger signals being red
- (b) Advanced sun rise and delayed sun set
- (c) Twinkling of stars
- (d) Tyndall effect
- (e) Redness of sun and blueness of sky

Ans  1. (b), (c), (d)
 2. (c), (d), (e)
 3. (a), (b), (c)
 4. (d), (e), (a)

Question ID : 75189715099

Option 1 ID : 75189760394

Option 2 ID : 75189760395

Option 3 ID : 75189760393

Option 4 ID : 75189760396

Status : Answered

Chosen Option : 2

Q.52 Meristematic tissue cells lack _____.

Ans  1. cytoplasm
 2. nucleus
 3. cell wall
 4. vacuoles

Question ID : 7518974342

Option 1 ID : 75189717366

Option 2 ID : 75189717367

Option 3 ID : 75189717365

Option 4 ID : 75189717368

Status : Answered

Chosen Option : 2

Q.53

- Ans ☒ 1. Current
☐ 2. Frequency
☐ 3. Resistance
☐ 4. Potential difference

Question ID : 75189714115
Option 1 ID : 75189756457
Option 2 ID : 75189756460
Option 3 ID : 75189756459
Option 4 ID : 75189756458
Status : Answered
Chosen Option : 1

Q.54 Padma Vibhushan award of 2022 has not been given in which of the following fields?

- Ans ☐ 1. Art
☒ 2. Trade and Industry
☐ 3. Civil Service
☐ 4. Literature and Education

Question ID : 75189715487
Option 1 ID : 75189761946
Option 2 ID : 75189761948
Option 3 ID : 75189761945
Option 4 ID : 75189761947
Status : Answered
Chosen Option : 3

Q.55 Seven people - B, D, F, K, M, Q and W are sitting in a straight line facing North. D sits second from one of the extreme ends of the line. Only two people sit between D and F. M sits fourth to the right of F. Q sits second to the right of W. K is not an immediate neighbour of W. How many people sit to the left of B?

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

Question ID : 75189715222
Option 1 ID : 75189760886
Option 2 ID : 75189760887
Option 3 ID : 75189760888
Option 4 ID : 75189760885
Status : Answered
Chosen Option : 2

Q.56

Ans  1.

National Human Right Commission, National Commission for Minorities, Election Commission of India

 2.

Comptroller and Auditor General of India, National Human Rights Commission, Election Commission of India

 3.

Election Commission of India, Attorney General of India, Union Public Service Commission

 4.

National Commission of India, Securities and Exchange Board of India, Attorney General of India

Question ID : 75189714017

Option 1 ID : 75189756066

Option 2 ID : 75189756068

Option 3 ID : 75189756065

Option 4 ID : 75189756067

Status : Answered

Chosen Option : 1

Q.57 A and B can do a piece of work in 28 days and 35 days, respectively. They work on alternate days starting with A till the work gets completed. How long (in days) would it take A and B to complete the work?

Ans

 1. $31\frac{1}{5}$

 2. $31\frac{1}{2}$

 3. 31

 4. $31\frac{1}{9}$

Question ID : 75189714350

Option 1 ID : 75189757399

Option 2 ID : 75189757400

Option 3 ID : 75189757397

Option 4 ID : 75189757398

Status : Answered

Chosen Option : 3

Q.58 How many elements exist in nature according to Newlands law of octaves?

Ans  1. 56

 2. 36

 3. 46

 4. 76

Question ID : 75189710382

Option 1 ID : 75189741527

Option 2 ID : 75189741525

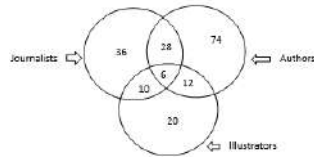
Option 3 ID : 75189741526

Option 4 ID : 75189741528

Status : Answered

Chosen Option : 1

Q.59 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such authors are there who are also illustrators but are NOT journalists?

- Ans** ☒ 1. 12
☒ 2. 28
☒ 3. 18
☒ 4. 54

Question ID : 75189713035

Option 1 ID : 75189752139

Option 2 ID : 75189752138

Option 3 ID : 75189752137

Option 4 ID : 75189752140

Status : Answered

Chosen Option : 1

Q.60 Orchidarium and the orchid production unit on the premises of the Institute of Bioresources and Sustainable Development (IBSD), is coming up in the state of _____ which has about 300 of the world's 17,000 species of orchids.

- Ans** ☒ 1. Arunachal Pradesh
☒ 2. Meghalaya
☒ 3. Himachal Pradesh
☒ 4. Uttarakhand

Question ID : 75189712414

Option 1 ID : 75189749654

Option 2 ID : 75189749655

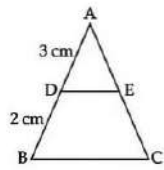
Option 3 ID : 75189749653

Option 4 ID : 75189749656

Status : Not Answered

Chosen Option : --

Q.61



In the given figure, triangle ABC is similar to triangle ADE. If the area of triangle ADE = 18 cm^2 , then the area of triangle ABC is:

- Ans
- ✓ 1. 50 cm^2
 - ✗ 2. 45 cm^2
 - ✗ 3. 55 cm^2
 - ✗ 4. 90 cm^2

Question ID : 75189713456

Option 1 ID : 75189753823

Option 2 ID : 75189753821

Option 3 ID : 75189753824

Option 4 ID : 75189753822

Status : Answered

Chosen Option : 1

Q.62 Which of the following vessels carries blood away from the heart to various organs of the body, except the lungs?

- Ans
- ✗ 1. Pulmonary artery
 - ✓ 2. Aorta
 - ✗ 3. Pulmonary vein
 - ✗ 4. Vena cava

Question ID : 7518977832

Option 1 ID : 75189731326

Option 2 ID : 75189731328

Option 3 ID : 75189731327

Option 4 ID : 75189731325

Status : Answered

Chosen Option : 2

Q.63 Avinash's age is 5 times his son Aravind's age. Four years hence, the age of Avinash will be four times Aravind's age. Find the average of their present ages.

- Ans
- ✗ 1. 30 years
 - ✗ 2. 24 years
 - ✗ 3. 28 years
 - ✓ 4. 36 years

Question ID : 75189714393

Option 1 ID : 75189757570

Option 2 ID : 75189757571

Option 3 ID : 75189757572

Option 4 ID : 75189757569

Status : Answered

Chosen Option : 4

Q.64 Five boxes containing different items, namely scales, pens, tapes, erasers and pencils, are kept one above the other, not necessarily in the same order. The box with pens is on the topmost position. The box with erasers is the only box between the boxes with pencils and scales. There is only one box below the box with scales and that is the box with tapes. Which box is immediately below the box containing pencils?

- Ans ☒ 1. Erasers
☒ 2. Scales
☒ 3. Tapes
☒ 4. Pens

Question ID : 75189714180

Option 1 ID : 75189756719

Option 2 ID : 75189756717

Option 3 ID : 75189756718

Option 4 ID : 75189756720

Status : Not Answered

Chosen Option : --

Q.65 How many number of bonds do the single carbon atom form?

- Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 75189714994

Option 1 ID : 75189759976

Option 2 ID : 75189759975

Option 3 ID : 75189759974

Option 4 ID : 75189759973

Status : Answered

Chosen Option : 4

Q.66 The average age of Yamuna and her daughter, Sathvika, is 21 years. The ratio of their ages is 5 : 2 . Find the age of Sathvika.

- Ans ☒ 1. 10 years
☒ 2. 12 years
☒ 3. 17 years
☒ 4. 15 years

Question ID : 75189714392

Option 1 ID : 75189757565

Option 2 ID : 75189757568

Option 3 ID : 75189757567

Option 4 ID : 75189757566

Status : Answered

Chosen Option : 2

Q.67

- Ans  1. ₹1,752, ₹1,168, ₹2,680
 2. ₹1,680, ₹1,120, ₹2,800
 3. ₹1,480, ₹1,320, ₹2,800
 4. ₹1,680, ₹1,240, ₹2,680

Question ID : 75189714314

Option 1 ID : 75189757255

Option 2 ID : 75189757256

Option 3 ID : 75189757253

Option 4 ID : 75189757254

Status : Answered

Chosen Option : 2

Q.68 Match the mountain ranges in column-A with their states in column-B.

Column-A (Mountain range)	Column-B (State)
a. Aravali mountain	1. Himachal Pradesh and Uttarakhand
b. Vindhya range	2. Kerala and Karnataka
c. Western ghat	3. Rajasthan
d. Himalaya range	4. Madhya Pradesh

- Ans  1. a-1, b-2, c-3, d-4
 2. a-4, b-3, c-1, d-2
 3. a-3, b-4, c-2, d-1
 4. a-4, b-3, c-2, d-1

Question ID : 75189715458

Option 1 ID : 75189761829

Option 2 ID : 75189761832

Option 3 ID : 75189761831

Option 4 ID : 75189761830

Status : Answered

Chosen Option : 3

Q.69

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

Question ID : 75189714371
Option 1 ID : 75189757483
Option 2 ID : 75189757482
Option 3 ID : 75189757484
Option 4 ID : 75189757481
Status : Answered
Chosen Option : 2

Q.70 Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

STUDENT : HGFVVMG :: TEACHER : GVZXSVI :: SCHOOL : ?

- Ans
- ☒ 1. SLOLXH
 - ☒ 2. HXSOLL
 - ☒ 3. HXSLLO
 - ☒ 4. XSHLLO

Question ID : 7518979767
Option 1 ID : 75189739067
Option 2 ID : 75189739068
Option 3 ID : 75189739066
Option 4 ID : 75189739065
Status : Answered
Chosen Option : 3

Q.71 Which of the following with respect to the Modern Periodic Table is NOT correct?

- Ans
- ☒ 1. The elements present in the same group have same number of valence electrons.
 - ☒ 2. It has 18 groups and 7 periods.
 - ☒ 3. Na, Mg and S belongs to the 4th period of the Modern Periodic Table.
 - ☒ 4. The number of shells increases as we go down the group.

Question ID : 75189713954
Option 1 ID : 75189755814
Option 2 ID : 75189755813
Option 3 ID : 75189755816
Option 4 ID : 75189755815
Status : Answered
Chosen Option : 4

Q.72

- Ans ☒ 1. 6
☐ 2. 8
☐ 3. 4
☐ 4. 2

Question ID : 75189714573
Option 1 ID : 75189758291
Option 2 ID : 75189758292
Option 3 ID : 75189758290
Option 4 ID : 75189758289
Status : Answered
Chosen Option : 1

Q.73 Which statement regarding molecular movement (living character) of viruses is correct?

- Ans ☐ 1. Viruses do not respire.
☐ 2. A virus does not grow in an artificial medium.
☒ 3. Inactive until they infect some cell.
☐ 4. Metabolism is absent in viruses.

Question ID : 75189714813
Option 1 ID : 75189759252
Option 2 ID : 75189759249
Option 3 ID : 75189759251
Option 4 ID : 75189759250
Status : Answered
Chosen Option : 3

Q.74 Ravi starts from Point A and drives 8 km towards the west. He then takes a left turn, drives 5 km, turns left and drives 19 km. He then takes a right turn and drives 2 km. He takes a final right turn, drives 11 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

- Ans ☒ 1. 7 km towards the north
☐ 2. 2 km towards the north
☐ 3. 5 km towards the south
☐ 4. 3 km towards the south

Question ID : 75189715369
Option 1 ID : 75189761473
Option 2 ID : 75189761474
Option 3 ID : 75189761476
Option 4 ID : 75189761475
Status : Answered
Chosen Option : 1

Q.75

- Ans ☐ 1. He would not have discovered which traits were dominant
- ☐ 2. He would not have been able to get hybrid plants
- ☒ 3. He would not have discovered that recessive traits are not lost
- ☐ 4. He would not have been able to study multiple characters

Question ID : 75189712294

Option 1 ID : 75189749173

Option 2 ID : 75189749175

Option 3 ID : 75189749174

Option 4 ID : 75189749176

Status : Answered

Chosen Option : 4

Q.76 Seven people A, B, D, E, G, H and K are sitting in a straight line facing the north. E is sitting at an extreme end of the line, B is an immediate neighbour of E. Only three people are sitting between A and E. A is sitting second to the right of G. H is neither an immediate neighbour of A nor B. K is sitting second to the right of D. How many people are sitting to the right of K?

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

Question ID : 75189713932

Option 1 ID : 75189755725

Option 2 ID : 75189755726

Option 3 ID : 75189755727

Option 4 ID : 75189755728

Status : Answered

Chosen Option : 3

Q.77 If K is the mean of 2, 3, 4, K , then the mode is:

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

Question ID : 75189714364

Option 1 ID : 75189757456

Option 2 ID : 75189757454

Option 3 ID : 75189757455

Option 4 ID : 75189757453

Status : Answered

Chosen Option : 3

Q.78 Refer to the given letter-cluster series and answer the question that follows.

AKMG, RTDC, WQCT, PILE, VTXF, HRXW

If in each of the letter-clusters, each letter is changed to the next letter in the English alphabetical order, how many letter-clusters thus formed will have exactly two vowels?

- Ans** ☒ 1. 1
☐ 2. 0
☐ 3. 3
☐ 4. 2

Question ID : **75189713099**

Option 1 ID : **75189752394**

Option 2 ID : **75189752393**

Option 3 ID : **75189752396**

Option 4 ID : **75189752395**

Status : **Answered**

Chosen Option : **1**

Q.79 One of the following is NOT a bacterial disease?

- Ans** ☐ 1. Gonorrhoea
☒ 2. AIDS
☐ 3. Syphilis
☐ 4. Tuberculosis

Question ID : **75189715145**

Option 1 ID : **75189760577**

Option 2 ID : **75189760578**

Option 3 ID : **75189760579**

Option 4 ID : **75189760580**

Status : **Answered**

Chosen Option : **2**

Q.80 Observe the given pattern and the find the missing number.

$$22^2 = 484$$

$$202^2 = 40804$$

$$2002^2 = 4008004$$

$$20002^2 = \dots\dots$$

- Ans
- ☒ 1. 400800400
 - ☒ 2. 2000220002
 - ☒ 3. 4840000
 - ☒ 4. 400080004

Question ID : 75189713255

Option 1 ID : 75189753018

Option 2 ID : 75189753020

Option 3 ID : 75189753017

Option 4 ID : 75189753019

Status : Answered

Chosen Option : 4

Q.81 Which of the following is NOT among the groups organised by microfinance institutions in India?

- Ans
- ☒ 1. Joint Liability Group (JLG)
 - ☒ 2. Urban Model Bank
 - ☒ 3. Self Help Group (SHG)
 - ☒ 4. Grameen Model Bank

Question ID : 75189715434

Option 1 ID : 75189761733

Option 2 ID : 75189761736

Option 3 ID : 75189761734

Option 4 ID : 75189761735

Status : Not Answered

Chosen Option : --

Q.82

- Ans
- ☒ 1. at infinity from concave mirror
 - ☒ 2. at infinity from convex mirror
 - ☒ 3. between C and F of concave mirror
 - ☒ 4. between C and F of convex mirror

Question ID : 7518979464
Option 1 ID : 75189737853
Option 2 ID : 75189737854
Option 3 ID : 75189737855
Option 4 ID : 75189737856

Status : Answered

Chosen Option : 3

Q.83 Study the given table and answer the following question.

	Number of words translated		
	Monday	Tuesday	Wednesday
Puneet	548	581	628
Mohit	696	684	692

If ₹2 was paid for the translation of one word, what was the total amount received by Puneet and Mohit on Monday?

- Ans
- ☒ 1. ₹2,488
 - ☒ 2. ₹2,966
 - ☒ 3. ₹2,312
 - ☒ 4. ₹2,916

Question ID : 75189712750
Option 1 ID : 75189750997
Option 2 ID : 75189750998
Option 3 ID : 75189750999
Option 4 ID : 75189751000

Status : Answered

Chosen Option : 1

Q.84

- Ans
- ☒ 1. 84 m^2
 - ☒ 2. 64 m^2
 - ☒ 3. 72 m^2
 - ☒ 4. 54 m^2

Question ID : 75189714420

Option 1 ID : 75189757680

Option 2 ID : 75189757678

Option 3 ID : 75189757679

Option 4 ID : 75189757677

Status : Answered

Chosen Option : 4

Q.85 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:

Some eggs are wheats

Some fruits are guavas

All guavas are lemons

Conclusions:

(I) Some fruits are wheats

(II) Some lemons are fruits

(III) Some eggs are guavas

- Ans
- ☒ 1. Only conclusion I follows
 - ☒ 2. Either conclusion I or III follows
 - ☒ 3. Only conclusion II follows
 - ☒ 4. None of the conclusions follow

Question ID : 75189714522

Option 1 ID : 75189758085

Option 2 ID : 75189758087

Option 3 ID : 75189758086

Option 4 ID : 75189758088

Status : Answered

Chosen Option : 3

Q.86

- Ans
- ☒ 1. On special membranes
 - ☒ 2. In the infolding of the plasma membrane
 - ☒ 3. In chloroplasts
 - ☒ 4. In the cell cytoplasm

Question ID : 75189712262

Option 1 ID : 75189749047

Option 2 ID : 75189749045

Option 3 ID : 75189749046

Option 4 ID : 75189749048

Status : Answered

Chosen Option : 4

Q.87 As of August 2022, the Maintenance and Welfare of Parents and Senior Citizens Act of which year governs the financial security, welfare and protection of senior citizens?

- Ans
- ☒ 1. 2002
 - ☒ 2. 2014
 - ☒ 3. 2007
 - ☒ 4. 2005

Question ID : 75189711090

Option 1 ID : 75189744357

Option 2 ID : 75189744360

Option 3 ID : 75189744359

Option 4 ID : 75189744358

Status : Not Answered

Chosen Option : --

Q.88 If $i = \frac{7}{3}j$ and $j = \frac{4}{5}k$, then the ratio of $i : j : k$ is:

- Ans
- ☒ 1. 28 : 4 : 15
 - ☒ 2. 28 : 12 : 15
 - ☒ 3. 7 : 12 : 5
 - ☒ 4. 21 : 12 : 20

Question ID : 75189714317

Option 1 ID : 75189757265

Option 2 ID : 75189757267

Option 3 ID : 75189757266

Option 4 ID : 75189757268

Status : Answered

Chosen Option : 2

Q.89

- Ans
- ☒ 1. CPPMO
 - ☒ 2. DPQMO
 - ☒ 3. DTQQO
 - ☒ 4. APQNO

Question ID : 75189715363

Option 1 ID : 75189761452

Option 2 ID : 75189761449

Option 3 ID : 75189761450

Option 4 ID : 75189761451

Status : Answered

Chosen Option : 2

Q.90 Which of the following is NOT correctly matched?

- Ans
- ☒ 1. Neem – Alpine region
 - ☒ 2. Ficus – Malabar coast moist forests
 - ☒ 3. Pine – Himalayan subtropical forest
 - ☒ 4. Indian Sandalwood – Deciduous forests of Deccan Plateau

Question ID : 75189715467

Option 1 ID : 75189761867

Option 2 ID : 75189761868

Option 3 ID : 75189761866

Option 4 ID : 75189761865

Status : Not Answered

Chosen Option : --

Q.91 Which of the following is NOT a body of the urban local body administration?

- Ans
- ☒ 1. Municipality
 - ☒ 2. Nagar Panchayat
 - ☒ 3. Municipal Corporation
 - ☒ 4. Zila panchayat

Question ID : 75189715481

Option 1 ID : 75189761922

Option 2 ID : 75189761923

Option 3 ID : 75189761921

Option 4 ID : 75189761924

Status : Answered

Chosen Option : 2

Q.92

- Ans
- ☒ 1. Part IV
 - ☒ 2. Part III
 - ☒ 3. Part V
 - ☒ 4. Part VI

Question ID : 75189710600
Option 1 ID : 75189742398
Option 2 ID : 75189742397
Option 3 ID : 75189742399
Option 4 ID : 75189742400
Status : Answered
Chosen Option : 1

Q.93 What are the four factors of production?

- Ans
- ☒ 1. Capital, transportation, excise duty and entrepreneurship
 - ☒ 2. Labour, transportation, excise duty and entrepreneurship
 - ☒ 3. Man power, transportation, excise duty and import
 - ☒ 4. Land, labour, capital, and entrepreneurship

Question ID : 75189715440
Option 1 ID : 75189761760
Option 2 ID : 75189761759
Option 3 ID : 75189761757
Option 4 ID : 75189761758
Status : Answered
Chosen Option : 4

Q.94 When a magnet is moved into a coil connected to a galvanometer, the current is induced in the coil. The induced current does not depend on which of the following factor?

- Ans
- ☒ 1. Number of turns of the coil
 - ☒ 2. Speed of movement of the magnet
 - ☒ 3. Resistance of the galvanometer connected in the coil
 - ☒ 4. The pole strength of the magnet

Question ID : 75189712203
Option 1 ID : 75189748812
Option 2 ID : 75189748810
Option 3 ID : 75189748811
Option 4 ID : 75189748809
Status : Answered
Chosen Option : 2

Q.95

- Ans
- ☒ 1. 30th
 - ☒ 2. 31st
 - ☒ 3. 32nd
 - ☒ 4. 33rd

Question ID : 75189713181

Option 1 ID : 75189752721

Option 2 ID : 75189752722

Option 3 ID : 75189752723

Option 4 ID : 75189752724

Status : Answered

Chosen Option : 3

Q.96 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: $S < T \leq G < M < K > P \geq O$

- Ans
- ☒ 1. $K > O > S$
 - ☒ 2. $M \geq P \geq O$
 - ☒ 3. $O = S = T$
 - ☒ 4. $K > G > S$

Question ID : 7518978228

Option 1 ID : 75189732912

Option 2 ID : 75189732910

Option 3 ID : 75189732911

Option 4 ID : 75189732909

Status : Answered

Chosen Option : 4

Q.97 What is the sum of the digits placed at the even places when counted from left to right in the number 479812356?

- Ans
- ☒ 1. 18
 - ☒ 2. 26
 - ☒ 3. 22
 - ☒ 4. 32

Question ID : 75189713659

Option 1 ID : 75189754636

Option 2 ID : 75189754633

Option 3 ID : 75189754634

Option 4 ID : 75189754635

Status : Answered

Chosen Option : 3

Q.98

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

Question ID : 75189712777

Option 1 ID : 75189751108

Option 2 ID : 75189751106

Option 3 ID : 75189751107

Option 4 ID : 75189751105

Status : Answered

Chosen Option : 2

Q.99 Parts of which present state had evolved a local system of canal irrigation called 'kulhs' over 400 years ago?

- Ans
- ☐ 1. Madhya Pradesh
 - ☒ 2. Himachal Pradesh
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Jammu and Kashmir

Question ID : 75189710302

Option 1 ID : 75189741207

Option 2 ID : 75189741205

Option 3 ID : 75189741208

Option 4 ID : 75189741206

Status : Not Answered

Chosen Option : --

Q.100 In a certain code language, 'WORSE' is written as 'K#2&6' and 'STEAK' is written as '&@689'. How will 'THORN' be written in that language?

- Ans
- ☒ 1. @5#27
 - ☐ 2. #5@86
 - ☐ 3. @5#86
 - ☐ 4. #5@27

Question ID : 75189715265

Option 1 ID : 75189761058

Option 2 ID : 75189761060

Option 3 ID : 75189761057

Option 4 ID : 75189761059

Status : Answered

Chosen Option : 1