



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	18/08/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1 VI

*** 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 A magnet, when moved near a coil, produces an induced current. Which of the following method(s) can be used to increase the magnitude of the induced current?

- (i) Increasing the number of turns in the coil
- (ii) Increasing the speed of the magnet
- (iii) Increasing the resistivity of the wire of the coil

Ans ☒ 1. Both (i) and (ii)
☒ 2. Only (i)
☒ 3. Only (iii)
☒ 4. Both (ii) and (iii)

Question ID : 7518975543

Option 1 ID : 75189722171

Option 2 ID : 75189722169

Option 3 ID : 75189722170

Option 4 ID : 75189722172

Status : Answered

Chosen Option : 1

Q.2

- Ans
- ☒ 1. Meghalaya
 - ☒ 2. Kerala
 - ☒ 3. Karnataka
 - ☒ 4. West Bengal

Question ID : 7518976499

Option 1 ID : 75189725996

Option 2 ID : 75189725995

Option 3 ID : 75189725993

Option 4 ID : 75189725994

Status : Answered

Chosen Option : 1

Q.3 The Asiatic lion population largely resides in the protected park area of _____.

- Ans
- ☒ 1. Bhitarkanika National Park
 - ☒ 2. Gir National Park
 - ☒ 3. Balphakram National Park
 - ☒ 4. Anamudi Shola National Park

Question ID : 7518974089

Option 1 ID : 75189716356

Option 2 ID : 75189716355

Option 3 ID : 75189716353

Option 4 ID : 75189716354

Status : Answered

Chosen Option : 2

Q.4 The fraction equivalent to 0.474747... is:

- Ans
- ☒ 1. $\frac{27}{9}$
 - ☒ 2. $\frac{27}{100}$
 - ☒ 3. $\frac{11}{27}$
 - ☒ 4. $\frac{47}{99}$

Question ID : 7518975572

Option 1 ID : 75189722286

Option 2 ID : 75189722285

Option 3 ID : 75189722287

Option 4 ID : 75189722288

Status : Answered

Chosen Option : 4

Q.5

Ans

- ✓ 1. marginal propensity to save
- ✗ 2. average propensity to consume
- ✗ 3. marginal propensity to consume
- ✗ 4. average propensity to save

Question ID : 7518974229

Option 1 ID : 75189716913

Option 2 ID : 75189716916

Option 3 ID : 75189716915

Option 4 ID : 75189716914

Status : Not Answered

Chosen Option : --

Q.6 Which of the following numbers will replace the question mark (?) in the given series?

13, 21, 33, 54, 91, ?

Ans

- ✗ 1. 162
- ✓ 2. 153
- ✗ 3. 175
- ✗ 4. 183

Question ID : 7518975294

Option 1 ID : 75189721174

Option 2 ID : 75189721173

Option 3 ID : 75189721175

Option 4 ID : 75189721176

Status : Answered

Chosen Option : 2

Q.7 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:

1. Some avalanches are precipitations.
2. Some cataclysms are avalanches.
3. All avalanches are storms.

Conclusions:

- I. Some storms are cataclysms.
II. No precipitation is storms.

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

Question ID : 7518974752

Option 1 ID : 75189719007

Option 2 ID : 75189719008

Option 3 ID : 75189719006

Option 4 ID : 75189719005

Status : Answered

Chosen Option : 4

Q.8 In a certain code language, TRIP is written as WULS and SOME is written as VRPH. How will CLAN be written in the same language?

- Ans**
- ☐ 1. FODQ
 - ☐ 2. FODR
 - ☐ 3. FOEQ
 - ☒ 4. FPDQ

Question ID : 7518975240

Option 1 ID : 75189720959

Option 2 ID : 75189720960

Option 3 ID : 75189720958

Option 4 ID : 75189720957

Status : Answered

Chosen Option : 1

Q.9

- Ans  1. ₹47,240
 2. ₹49,840
 3. ₹48,480
 4. ₹45,620

Question ID : 7518976056

Option 1 ID : 75189724224

Option 2 ID : 75189724221

Option 3 ID : 75189724222

Option 4 ID : 75189724223

Status : Answered

Chosen Option : 2

Q.10 Find the mode of the data 2, 2, 3, 5, 15, 15, 15, 20, 21, 23, 25, 15, 23, 25.

- Ans  1. 21
 2. 25
 3. 23
 4. 15

Question ID : 7518975899

Option 1 ID : 75189723593

Option 2 ID : 75189723596

Option 3 ID : 75189723595

Option 4 ID : 75189723594

Status : Answered

Chosen Option : 4

Q.11 What is the angle traced by the hour hand in 23 minutes?

- Ans  1. 11.5°
 2. 12°
 3. 13°
 4. 12.5°

Question ID : 7518976431

Option 1 ID : 75189725721

Option 2 ID : 75189725722

Option 3 ID : 75189725724

Option 4 ID : 75189725723

Status : Answered

Chosen Option : 1

Q.12

- Ans
- ☒ 1. 211
 - ☒ 2. 250
 - ☒ 3. 125
 - ☒ 4. 140

Question ID : 7518974872

Option 1 ID : 75189719487

Option 2 ID : 75189719488

Option 3 ID : 75189719486

Option 4 ID : 75189719485

Status : Answered

Chosen Option : 1

Q.13 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, and decide which of the given conclusions logically follow/s from the given statements.

Statements:

All toys are plastics.

All plastics are disposables.

Some toys are fibres.

Conclusions:

(I) Some fibres are plastics.

(II) Some disposables are fibres.

(III) No fibre is a disposable.

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

Question ID : 7518974929

Option 1 ID : 75189719713

Option 2 ID : 75189719715

Option 3 ID : 75189719714

Option 4 ID : 75189719716

Status : Answered

Chosen Option : 1

Q.14

Ans

- ✓ 1. C_2H_6 , C_2H_4 , C_2H_2
- ✗ 2. C_3H_8 , C_4H_{10} , C_5H_{12}
- ✗ 3. C_6H_{10} , C_6H_{12} , C_6H_{14}
- ✗ 4. C_4H_8 , C_5H_8 , C_6H_{10}

Question ID : 7518973413

Option 1 ID : 75189713649

Option 2 ID : 75189713651

Option 3 ID : 75189713652

Option 4 ID : 75189713650

Status : Answered

Chosen Option : 2

Q.15 Two angles are complementary. The larger angle is 6° less than thrice the measure of the smaller angle. What is the measure of the larger angle?

Ans

- ✗ 1. 66°
- ✓ 2. 54°
- ✗ 3. 63°
- ✗ 4. 57°

Question ID : 7518976327

Option 1 ID : 75189725308

Option 2 ID : 75189725305

Option 3 ID : 75189725307

Option 4 ID : 75189725306

Status : Answered

Chosen Option : 1

Q.16 Oral contraceptive pills work by stopping _____.

Ans

- ✗ 1. ovulation
- ✗ 2. ovulation and fertilisation
- ✗ 3. fertilisation and implantation
- ✓ 4. ovulation and implantation

Question ID : 7518974421

Option 1 ID : 75189717684

Option 2 ID : 75189717683

Option 3 ID : 75189717682

Option 4 ID : 75189717681

Status : Answered

Chosen Option : 4

Q.17

- Ans
- ☒ 1. 15
 - ☒ 2. 10
 - ☒ 3. 8
 - ☒ 4. 12

Question ID : 7518976375

Option 1 ID : 75189725500

Option 2 ID : 75189725498

Option 3 ID : 75189725497

Option 4 ID : 75189725499

Status : Answered

Chosen Option : 3

Q.18

The country's first commercial-scale biomass-based hydrogen plant is coming up in which district of Madhya Pradesh?

Ans

- ☒ 1. Anuppur
- ☒ 2. Agar Malwa
- ☒ 3. Khandwa
- ☒ 4. Betul

Question ID : 7518973770

Option 1 ID : 75189715079

Option 2 ID : 75189715080

Option 3 ID : 75189715077

Option 4 ID : 75189715078

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.19 The smallest natural number that must be added to 1212 to make it a perfect square is:

- Ans
- ☒ 1. 13
 - ☒ 2. 27
 - ☒ 3. 18
 - ☒ 4. 24

Question ID : 7518976226

Option 1 ID : 75189724901

Option 2 ID : 75189724903

Option 3 ID : 75189724904

Option 4 ID : 75189724902

Status : Answered

Chosen Option : 1

Q.20

- Ans ☒ 1. gypsum
☐ 2. washing soda
☐ 3. plaster of Paris
☐ 4. baking powder

Question ID : 7518973672
Option 1 ID : 75189714685
Option 2 ID : 75189714687
Option 3 ID : 75189714686
Option 4 ID : 75189714688
Status : Answered
Chosen Option : 1

Q.21 If 10% of 24% of x is 240, then $x = ?$

- Ans ☐ 1. 100000
☐ 2. 10000
☐ 3. 1000
☒ 4. 100

Question ID : 7518975831
Option 1 ID : 75189723324
Option 2 ID : 75189723322
Option 3 ID : 75189723323
Option 4 ID : 75189723321
Status : Answered
Chosen Option : 2

Q.22 A certain number of people are sitting in a row, facing the north. Only 7 persons sit between F and U. F is at one of the extreme ends of the row. Only 9 persons sit between H and U. Only 12 persons sit between E and H. E is at the extreme right end. H is at the 19th position from the extreme left end. H is 14th from the extreme right end. If no other person is sitting in the row, what is the total number of persons seated?

- Ans ☒ 1. 31
☐ 2. 33
☐ 3. 32
☐ 4. 34

Question ID : 7518975165
Option 1 ID : 75189720657
Option 2 ID : 75189720659
Option 3 ID : 75189720658
Option 4 ID : 75189720660
Status : Answered
Chosen Option : 3

Q.23

Ans

-  1. India
-  2. China
-  3. Canada
-  4. America

Question ID : 7518973872

Option 1 ID : 75189715487

Option 2 ID : 75189715486

Option 3 ID : 75189715485

Option 4 ID : 75189715488

Status : Answered

Chosen Option : 2

Q.24 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

3 : 12 :: 25 : 78 :: 21 : ?

Ans

-  1. 48
-  2. 42
-  3. 66
-  4. 63

Question ID : 7518974862

Option 1 ID : 75189719448

Option 2 ID : 75189719447

Option 3 ID : 75189719446

Option 4 ID : 75189719445

Status : Answered

Chosen Option : 3

Q.25

- Ans
- ☒ 1. either a convex lens or a concave mirror
 - ☒ 2. either concave lens or a convex mirror
 - ☒ 3. either a convex lens or a convex mirror
 - ☒ 4. either a concave lens or a concave mirror

Question ID : 7518975381
Option 1 ID : 75189721523
Option 2 ID : 75189721524
Option 3 ID : 75189721522
Option 4 ID : 75189721521

Status : Answered

Chosen Option : 3

Q.26 Mendeleev's Periodic Law states that:

- Ans
- ☒ 1. the properties of elements are the periodic function of their colour
 - ☒ 2. the properties of elements are the periodic function of their atomic numbers
 - ☒ 3. the properties of elements are the periodic function of their magnetic properties
 - ☒ 4. the properties of elements are the periodic function of their atomic masses

Question ID : 7518973510
Option 1 ID : 75189714038
Option 2 ID : 75189714037
Option 3 ID : 75189714040
Option 4 ID : 75189714039

Status : Answered

Chosen Option : 4

Q.27 Who is the Chief Election Commissioner of India as on March 2022?

- Ans
- ☒ 1. Sushil Chandra
 - ☒ 2. Rajiv Kumar
 - ☒ 3. KK Menon
 - ☒ 4. Anup Chandra Pandey

Question ID : 7518974294
Option 1 ID : 75189717175
Option 2 ID : 75189717174
Option 3 ID : 75189717176
Option 4 ID : 75189717173

Status : Answered

Chosen Option : 2

Q.28

- Ans
- ☒ 1. Q
 - ☒ 2. T
 - ☒ 3. R
 - ☒ 4. S

Question ID : 7518974715
Option 1 ID : 75189718858
Option 2 ID : 75189718860
Option 3 ID : 75189718857
Option 4 ID : 75189718859
Status : Answered
Chosen Option : 3

Q.29 Two pipes X and Y can fill a cistern in 21 hours and 24 hours, respectively. The pipes are opened simultaneously and it is found that due to a leakage in the bottom it takes 48 minutes more to fill the cistern. When the cistern is full, in how much time will the leak empty it if no pipe is open during that time?

- Ans
- ☒ 1. 130 hours
 - ☒ 2. 120 hours
 - ☒ 3. 144 hours
 - ☒ 4. 168 hours

Question ID : 7518976302
Option 1 ID : 75189725208
Option 2 ID : 75189725205
Option 3 ID : 75189725207
Option 4 ID : 75189725206
Status : Answered
Chosen Option : 4

Q.30 Which of the following numbers will replace the question mark (?) in the given series?

2, 14, 70, 210, ?

- Ans
- ☒ 1. 410
 - ☒ 2. 420
 - ☒ 3. 630
 - ☒ 4. 210

Question ID : 7518975066
Option 1 ID : 75189720261
Option 2 ID : 75189720264
Option 3 ID : 75189720262
Option 4 ID : 75189720263
Status : Answered
Chosen Option : 4

Q.31

- Ans ☒ 1. 2
☒ 2. 5
☒ 3. 8
☒ 4. 3

Question ID : 7518976198

Option 1 ID : 75189724789

Option 2 ID : 75189724791

Option 3 ID : 75189724792

Option 4 ID : 75189724790

Status : Answered

Chosen Option : 3

Q.32 Which of the following is NOT a part of the 5 R's needed to be followed for sustainable development?

- Ans ☒ 1. Recycle
☒ 2. Regeneration
☒ 3. Refuse
☒ 4. Repurpose

Question ID : 7518974709

Option 1 ID : 75189718836

Option 2 ID : 75189718834

Option 3 ID : 75189718833

Option 4 ID : 75189718835

Status : Answered

Chosen Option : 4

Q.33 Three of the following statements pertaining to non-biodegradable plastics indicate their implications on animals, plants and our surrounding. Choose the odd one out.

- Ans ☒ 1. Choke the drains
☒ 2. Reduce the fertility of the soil
☒ 3. Plastic bags are durable carry bags
☒ 4. Can prove fatal when eaten by animals

Question ID : 7518974681

Option 1 ID : 75189718724

Option 2 ID : 75189718721

Option 3 ID : 75189718722

Option 4 ID : 75189718723

Status : Answered

Chosen Option : 3

Q.34

- Ans ☒ 1. 87
☐ 2. 67
☐ 3. 77
☐ 4. 56

Question ID : 7518975668
Option 1 ID : 75189722669
Option 2 ID : 75189722670
Option 3 ID : 75189722672
Option 4 ID : 75189722671
Status : Answered
Chosen Option : 3

Q.35 Which of the following pairs of numbers are co-primes?

- Ans ☐ 1. 34 and 35
☐ 2. 17 and 170
☒ 3. 12 and 18
☐ 4. 7 and 14

Question ID : 7518975581
Option 1 ID : 75189722322
Option 2 ID : 75189722324
Option 3 ID : 75189722321
Option 4 ID : 75189722323
Status : Answered
Chosen Option : 1

Q.36 Study the given letter, symbol series and answer the question that follows.

L @ S O J ^ B U # W R < E M @ N U # B * H ! A & L E W % H & G A * S A # L D

How many consonants are immediately preceded by a symbol and immediately followed by a vowel?

- Ans ☐ 1. 3
☐ 2. 6
☐ 3. 4
☒ 4. 5

Question ID : 7518974808
Option 1 ID : 75189719232
Option 2 ID : 75189719231
Option 3 ID : 75189719230
Option 4 ID : 75189719229
Status : Answered
Chosen Option : 2

Q.37

- Ans
- ☒ 1. Hospitality and real estate
 - ☒ 2. Handicraft industries
 - ☒ 3. Agriculture
 - ☒ 4. Transport

Question ID : 7518974058
Option 1 ID : 75189716232
Option 2 ID : 75189716230
Option 3 ID : 75189716229
Option 4 ID : 75189716231

Status : Answered

Chosen Option : 3

Q.38 Caustic soda is generally NOT used in the _____.

- Ans
- ☒ 1. detergent industry
 - ☒ 2. paper and pulp industry
 - ☒ 3. manufacture of ammonia
 - ☒ 4. fabric industry

Question ID : 7518973472
Option 1 ID : 75189713888
Option 2 ID : 75189713885
Option 3 ID : 75189713886
Option 4 ID : 75189713887

Status : Answered

Chosen Option : 2

Q.39 Refer to the following number series and answer the question.

(Left) 4 3 15 6 1 5 9 8 3 62 7 9 1 26 41 3 82 5 3 (Right)

If all the numbers in the series are arranged in ascending order, then which number will be fourth from the left?

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

Question ID : 7518977349
Option 1 ID : 75189729395
Option 2 ID : 75189729396
Option 3 ID : 75189729393
Option 4 ID : 75189729394

Status : Answered

Chosen Option : 4

Q.40

Ans

- ☒ 1. Sonali Singh
- ☒ 2. Girraj Prasad Gupta
- ☒ 3. Soma Roy
- ☒ 4. Deepak Das

Question ID : 7518973859

Option 1 ID : 75189715436

Option 2 ID : 75189715435

Option 3 ID : 75189715434

Option 4 ID : 75189715433

Status : Answered

Chosen Option : 2

Q.41 The first and second members, respectively, of the ketone homologous series are:

- Ans
- ☒ 1. butanone, propanone
 - ☒ 2. propanone, butanone
 - ☒ 3. methanone, ethanone
 - ☒ 4. ethanone, propanone

Question ID : 7518973558

Option 1 ID : 75189714232

Option 2 ID : 75189714231

Option 3 ID : 75189714229

Option 4 ID : 75189714230

Status : Answered

Chosen Option : 2

Q.42 If $3x - 2y = 10$ and $xy = 11$, the value of $27x^3 - 8y^3$ is _____

- Ans
- ☒ 1. 2980
 - ☒ 2. 2569
 - ☒ 3. 3336
 - ☒ 4. 3170

Question ID : 7518975701

Option 1 ID : 75189722801

Option 2 ID : 75189722803

Option 3 ID : 75189722804

Option 4 ID : 75189722802

Status : Answered

Chosen Option : 1

Q.43

- Ans  1. 158 m
 2. 256 m
 3. 225 m
 4. 196 m

Question ID : 7518976361
Option 1 ID : 75189725444
Option 2 ID : 75189725441
Option 3 ID : 75189725442
Option 4 ID : 75189725443
Status : Answered
Chosen Option : 1

Q.44 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and also '×' and '÷' are interchanged?

$$8 - 13 + 18 \div 9 \times 3 = ?$$

- Ans  1. -33
 2. -32
 3. 32
 4. 33

Question ID : 7518974884
Option 1 ID : 75189719534
Option 2 ID : 75189719536
Option 3 ID : 75189719535
Option 4 ID : 75189719533
Status : Answered
Chosen Option : 1

Q.45 Identify the FALSE statement.

- Ans  1. The sunflower is a phototropic plant.

 2.

The growth of pollen tubes towards ovules is an example of geotropism

 3.

Geotropism is demonstrated by the downward migration of roots.

 4.

Hydrotropism is the tendency to grow in moist areas, i.e., the movement of roots towards high humidity.

Question ID : 7518974318
Option 1 ID : 75189717269
Option 2 ID : 75189717272
Option 3 ID : 75189717271
Option 4 ID : 75189717270
Status : Answered
Chosen Option : 2

Q.46

- Ans
- ☒ 1. 136
 - ☒ 2. 82
 - ☒ 3. 119
 - ☒ 4. 181

Question ID : 7518974874

Option 1 ID : 75189719494

Option 2 ID : 75189719495

Option 3 ID : 75189719493

Option 4 ID : 75189719496

Status : Answered

Chosen Option : 3

Q.47 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)

(12, 51, 5)

(5, 36, 7)

- Ans
- ☒ 1. (14, 120, 16)
 - ☒ 2. (19, 44, 3)
 - ☒ 3. (13, 10, 7)
 - ☒ 4. (11, 51, 6)

Question ID : 7518975088

Option 1 ID : 75189720351

Option 2 ID : 75189720349

Option 3 ID : 75189720350

Option 4 ID : 75189720352

Status : Answered

Chosen Option : 4

Q.48 Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s the given statements.

Statements:

- I. Some trees are bushes.
- II. Some bushes are creepers.
- III. Some creepers are stems.

Conclusions:

- I. Some stems are trees.
- II. Some creepers are trees.
- III. Some stems are bushes.

- Ans**
- ☒ 1. Only conclusion I follows
 - ☒ 2. Conclusions II and III follow
 - ☒ 3. None of the conclusions follow
 - ☒ 4. Conclusions I and II follow

Question ID : 7518974932

Option 1 ID : 75189719727

Option 2 ID : 75189719726

Option 3 ID : 75189719728

Option 4 ID : 75189719725

Status : Answered

Chosen Option : 3

Q.49 A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $K = U = R > N > E > G < W$

- Ans**
- ☒ 1. $K = N$
 - ☒ 2. $W < N$
 - ☒ 3. $K < N$
 - ☒ 4. $G < R$

Question ID : 7518975192

Option 1 ID : 75189720768

Option 2 ID : 75189720767

Option 3 ID : 75189720765

Option 4 ID : 75189720766

Status : Answered

Chosen Option : 4

Q.50

Ans

 1. $\frac{4}{5}$ and $\frac{3}{2}$

 2. $\frac{4}{3}$ and $\frac{3}{2}$

 3. $\frac{4}{3}$ and 3

 4. $\frac{4}{5}$ and 3

Question ID : 7518975743

Option 1 ID : 75189722972

Option 2 ID : 75189722969

Option 3 ID : 75189722971

Option 4 ID : 75189722970

Status : Answered

Chosen Option : 3

Q.51 L, K, J, H, G, F, D and S live on eight 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 8. L lives exactly one floor above K and exactly one floor below G. Only K lives between H and L, whereas H lives exactly one floor above J. Only D lives between S and J. F lives on the 8th floor, while S lives on the 1st floor.

On which floor does K live?

Ans

 1. 5th

 2. 7th

 3. 3rd

 4. 4th

Question ID : 7518974729

Option 1 ID : 75189718914

Option 2 ID : 75189718913

Option 3 ID : 75189718916

Option 4 ID : 75189718915

Status : Answered

Chosen Option : 1

Q.52

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

Question ID : 7518975464

Option 1 ID : 75189721854

Option 2 ID : 75189721853

Option 3 ID : 75189721856

Option 4 ID : 75189721855

Status : Answered

Chosen Option : 4

Q.53 If $x^2 + 2x + 9 = (x - 2)(x - 3)$, then the resultant equation is:

- Ans
- ☐ 1. a cubic polynomial
 - ☐ 2. not a quadratic equation
 - ☐ 3. a cubic equation
 - ☒ 4. a quadratic equation

Question ID : 7518975942

Option 1 ID : 75189723768

Option 2 ID : 75189723767

Option 3 ID : 75189723766

Option 4 ID : 75189723765

Status : Answered

Chosen Option : 2

Q.54 The apparent position of a star keeps on changing slightly because:

- Ans
- ☐ 1. the atmosphere scatters star light
 - ☒ 2. the physical conditions of the atmosphere keep changing
 - ☐ 3. the atmosphere consists of a mixture of gases
 - ☐ 4. the physical conditions of the atmosphere are stationary

Question ID : 7518975447

Option 1 ID : 75189721788

Option 2 ID : 75189721785

Option 3 ID : 75189721787

Option 4 ID : 75189721786

Status : Answered

Chosen Option : 2

Q.55

- Ans ☒ 1. 660
☐ 2. 760
☐ 3. 560
☐ 4. 460

Question ID : 7518976122
Option 1 ID : 75189724485
Option 2 ID : 75189724487
Option 3 ID : 75189724486
Option 4 ID : 75189724488
Status : Answered
Chosen Option : 1

Q.56 Which of the following established by Raja Rammohan Roy was a precursor in socio-religious reforms in Bengal?

- Ans ☐ 1. Atmiya Sabha
☐ 2. Prarthana Samaj
☒ 3. Dharma Sabha
☐ 4. Arya Samaj

Question ID : 7518974173
Option 1 ID : 75189716690
Option 2 ID : 75189716692
Option 3 ID : 75189716689
Option 4 ID : 75189716691
Status : Answered
Chosen Option : 1

Q.57 The formation of water from hydrogen and oxygen is an example of _____.

- Ans ☐ 1. oxidation and reduction
☐ 2. decomposition reaction
☒ 3. combination reaction
☐ 4. displacement reaction

Question ID : 7518973572
Option 1 ID : 75189714288
Option 2 ID : 75189714286
Option 3 ID : 75189714285
Option 4 ID : 75189714287
Status : Answered
Chosen Option : 3

Q.58

Ans  1. Lakshya Sen

 2. Saina Nehwal

 3. Kidambi Srikanth

 4. PV Sindhu

Question ID : 7518973947

Option 1 ID : 75189715785

Option 2 ID : 75189715788

Option 3 ID : 75189715787

Option 4 ID : 75189715786

Status : Answered

Chosen Option : 1

Q.59 In how many years will a sum of ₹10,000 become ₹13,310 at 10% compound interest per annum, compounded annually?

Ans  1. 5

 2. 2

 3. 4

 4. 3

Question ID : 7518975852

Option 1 ID : 75189723408

Option 2 ID : 75189723405

Option 3 ID : 75189723407

Option 4 ID : 75189723406

Status : Answered

Chosen Option : 4

Q.60 Which of the following reactions represents symbolic combination reaction?

Ans  1. $A + B \rightarrow C$

 2. $PQ + R \rightarrow PR + Q$

 3. $XY \rightarrow X + Y$

 4. $AB + CD \rightarrow AC + BD$

Question ID : 7518973423

Option 1 ID : 75189713689

Option 2 ID : 75189713691

Option 3 ID : 75189713690

Option 4 ID : 75189713692

Status : Answered

Chosen Option : 1

Q.61

- Ans
- ☒ 1. ₹25,000
 - ☒ 2. ₹10,000
 - ☒ 3. ₹15,000
 - ☒ 4. ₹20,000

Question ID : 7518976528

Option 1 ID : 75189726112

Option 2 ID : 75189726109

Option 3 ID : 75189726110

Option 4 ID : 75189726111

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

Chosen Option : --

Q.62 Select the correct group of scientists who are the recipients of the Shanti Swarup Bhatnagar Prize for Science and Technology, 2021.

- Ans
- ☒ 1. Dr. Amit Singh, Dr. Kanishka Biswas and Dr. Anish Ghosh
 - ☒ 2. Dr. Vatsasla Thirumalai, Dr. Abhijit Mukharjee and Dr. Subi Jacob George
 - ☒ 3. Dr. Bushra Ateeq, Dr. Ritesh Agarwal and Dr. Surajit Dhara
 - ☒ 4. Dr. Subimal Ghosh, Dr. Neena Gupta and Dr. Dhiraj Kumar

Question ID : 7518974134

Option 1 ID : 75189716533

Option 2 ID : 75189716534

Option 3 ID : 75189716535

Option 4 ID : 75189716536

Status : **Answered**

Chosen Option : 1

Q.63 How many seconds will a boy take to run one complete round around a square field of side 38 metres, if he runs at a speed of 6 km/h?

- Ans
- ☒ 1. 71.2
 - ☒ 2. 50.1
 - ☒ 3. 61.2
 - ☒ 4. 91.2

Question ID : 7518976087

Option 1 ID : 75189724347

Option 2 ID : 75189724345

Option 3 ID : 75189724346

Option 4 ID : 75189724348

Status : **Answered**

Chosen Option : 4

Q.64

Ans

 1. United Kingdom

 2. Australia

 3. China

 4. Canada

Question ID : 7518973814

Option 1 ID : 75189715254

Option 2 ID : 75189715255

Option 3 ID : 75189715256

Option 4 ID : 75189715253

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.65 As per NITI Aayog National Multidimensional Poverty Index – 2021, which state is the poorest?

Ans  1. Chhattisgarh

 2. Himachal Pradesh

 3. Bihar

 4. Jharkhand

Question ID : 7518976540

Option 1 ID : 75189726158

Option 2 ID : 75189726160

Option 3 ID : 75189726159

Option 4 ID : 75189726157

Status : Answered

Chosen Option : 3

Q.66 The area (in square units) of the triangle formed by the vertices (0,2), (2,3) and (3,1) is:

Ans  1. 4.4

 2. 2.5

 3. 3.5

 4. 5.5

Question ID : 7518976359

Option 1 ID : 75189725434

Option 2 ID : 75189725436

Option 3 ID : 75189725435

Option 4 ID : 75189725433

Status : Answered

Chosen Option : 2

Q.67

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

Question ID : 7518975521
Option 1 ID : 75189722081
Option 2 ID : 75189722082
Option 3 ID : 75189722084
Option 4 ID : 75189722083
Status : Answered
Chosen Option : 4

Q.68 The Panchayati Raj Institutions DO NOT exist in which of the following states as on June 2022?

- Ans ☐ 1. Manipur
☐ 2. Nagaland
☐ 3. Arunachal Pradesh
☒ 4. Tripura

Question ID : 7518974310
Option 1 ID : 75189717238
Option 2 ID : 75189717239
Option 3 ID : 75189717240
Option 4 ID : 75189717237
Status : Answered
Chosen Option : 2

Q.69 How many autosomes will be present in a sexually reproducing organism with the chromosome number $2n = 18$?

- Ans ☐ 1. 15
☐ 2. 17
☒ 3. 16
☐ 4. 18

Question ID : 7518974649
Option 1 ID : 75189718595
Option 2 ID : 75189718594
Option 3 ID : 75189718593
Option 4 ID : 75189718596
Status : Answered
Chosen Option : 4

Q.70

- Ans
- ☒ 1. 95°
 - ☒ 2. 105°
 - ☒ 3. 78°
 - ☒ 4. 67°

Question ID : 7518975781

Option 1 ID : 75189723124

Option 2 ID : 75189723123

Option 3 ID : 75189723121

Option 4 ID : 75189723122

Status : Answered

Chosen Option : 1

Q.71 How many such pairs of letters are there in the word 'CAPITAL' (in both forward and backward directions) each of which have as many letters between them in the word as there are in the English alphabetical order?

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

Question ID : 7518974984

Option 1 ID : 75189719935

Option 2 ID : 75189719936

Option 3 ID : 75189719933

Option 4 ID : 75189719934

Status : Answered

Chosen Option : 3

Q.72 A man buys 15 identical articles for a total of ₹15. If he sells each of them for ₹1.23, then his profit percentage is:

- Ans
- ☒ 1. 23%
 - ☒ 2. 32%
 - ☒ 3. 50%
 - ☒ 4. 8%

Question ID : 7518975861

Option 1 ID : 75189723441

Option 2 ID : 75189723443

Option 3 ID : 75189723444

Option 4 ID : 75189723442

Status : Answered

Chosen Option : 1

Q.73

Ans

✓ 1. $\rho/2$

✗ 2. $\rho/4$

✗ 3. ρ

✗ 4. 4ρ

Question ID : 7518975460

Option 1 ID : 75189721837

Option 2 ID : 75189721838

Option 3 ID : 75189721839

Option 4 ID : 75189721840

Status : Answered

Chosen Option : 3

Q.74

Which Article deals with protection of life and personal liberty?

Ans

✗ 1. Article 12

✗ 2. Article 22

✗ 3. Article 21

✓ 4. Article 31

Question ID : 7518973922

Option 1 ID : 75189715688

Option 2 ID : 75189715687

Option 3 ID : 75189715686

Option 4 ID : 75189715685

Status : Answered

Chosen Option : 3

Q.75

- Ans
- ☒ 1. Cs
 - ☒ 2. Ca
 - ☒ 3. Na
 - ☒ 4. Mg

Question ID : 7518973534

Option 1 ID : 75189714134

Option 2 ID : 75189714133

Option 3 ID : 75189714136

Option 4 ID : 75189714135

Status : Answered

Chosen Option : 1

Q.76 A spherical mirror forms an erect and diminished image. Identify the correct statement(s) about the spherical mirror.

- (A) The mirror is concave.
- (B) The mirror forms a virtual image.
- (C) The mirror has positive focal length.

- Ans
- ☒ 1. Only A
 - ☒ 2. Only B
 - ☒ 3. Both B and C
 - ☒ 4. Both A and B

Question ID : 7518975380

Option 1 ID : 75189721517

Option 2 ID : 75189721518

Option 3 ID : 75189721520

Option 4 ID : 75189721519

Status : Answered

Chosen Option : 3

Q.77 _____ is represented by the root apex's constantly dividing cells.

- Ans
- ☒ 1. Meristematic growth
 - ☒ 2. Germination
 - ☒ 3. Increase hormonal level
 - ☒ 4. Maturation

Question ID : 7518974313

Option 1 ID : 75189717249

Option 2 ID : 75189717250

Option 3 ID : 75189717251

Option 4 ID : 75189717252

Status : Answered

Chosen Option : 1

Q.78 This question is based on the five, four-digit numbers given below:

(Left) 4178 6235 3716 2253 5675 (Right)

(Example: 6972 – First digit = 6, second digit = 9, third digit = 7 and fourth digit = 2)

(NOTE - All operations to be done from left to right.)

If 3 is added to the first digit and 2 is subtracted from the last digit of every number, what will be the product of the third digit of the largest number and the second digit of the smallest number?

- Ans
- ☐ 1. 9
 - ☒ 2. 10
 - ☐ 3. 6
 - ☐ 4. 8

Question ID : **7518977354**

Option 1 ID : **75189729416**

Option 2 ID : **75189729413**

Option 3 ID : **75189729414**

Option 4 ID : **75189729415**

Status : **Answered**

Chosen Option : **3**

Q.79 Based on the given statement, two conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $B \geq M > G$, $S < G \geq Y = L$

Conclusions:

1. $B > Y$

2. $M = L$

- Ans
- ☐ 1. Both conclusions 1 and 2 are true
 - ☐ 2. Only conclusion 2 is true
 - ☒ 3. Only conclusion 1 is true
 - ☐ 4. Neither conclusion 1 nor 2 is true

Question ID : **7518974775**

Option 1 ID : **75189719099**

Option 2 ID : **75189719098**

Option 3 ID : **75189719097**

Option 4 ID : **75189719100**

Status : **Answered**

Chosen Option : **3**

Q.80

- Ans ☒ 1. SRVAT
☒ 2. VRATS
☒ 3. VTARS
☒ 4. VRTAS

Question ID : 7518974851
Option 1 ID : 75189719401
Option 2 ID : 75189719404
Option 3 ID : 75189719403
Option 4 ID : 75189719402
Status : Answered
Chosen Option : 2

Q.81 Find the smallest number by which 6300 must be multiplied to make it a perfect square.

- Ans ☒ 1. 6
☒ 2. 12
☒ 3. 15
☒ 4. 7

Question ID : 7518976017
Option 1 ID : 75189724065
Option 2 ID : 75189724067
Option 3 ID : 75189724068
Option 4 ID : 75189724066
Status : Answered
Chosen Option : 4

Q.82 Magnification produced by a lens is equal to:

- Ans ☒ 1. v/u
☒ 2. $-v/u$
☒ 3. u/v
☒ 4. $-u/v$

Question ID : 7518975414
Option 1 ID : 75189721654
Option 2 ID : 75189721653
Option 3 ID : 75189721656
Option 4 ID : 75189721655
Status : Answered
Chosen Option : 1

Q.83

- Ans  1. Not smoking
-  2. Restricted blood flow to kidney
-  3. Injury
-  4. Infection

Question ID : 7518974603
Option 1 ID : 75189718409
Option 2 ID : 75189718412
Option 3 ID : 75189718411
Option 4 ID : 75189718410
Status : Answered
Chosen Option : 1

Q.84 In a certain code language, 'LEFT' is written as 'VGFN' and 'DESK' is written as 'MTFF'. How will 'HELP' be written in that language?

- Ans  1. RNFJ
-  2. QMFJ
-  3. RMFJ
-  4. SMFJ

Question ID : 7518975027
Option 1 ID : 75189720107
Option 2 ID : 75189720105
Option 3 ID : 75189720106
Option 4 ID : 75189720108
Status : Answered
Chosen Option : 3

Q.85

Ans

 1. 1973

 2. 1953

 3. 1963

 4. 1936

Question ID : **7518973820**

Option 1 ID : **75189715278**

Option 2 ID : **75189715277**

Option 3 ID : **75189715279**

Option 4 ID : **75189715280**

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

Chosen Option : --

Q.86 Which of the following events takes place during diastole in the human heart?

Ans  1. Blood enters the aorta

 2. Blood enters the lungs

 3. Blood leaves the ventricle

 4. Blood enters the ventricle

Question ID : **7518974599**

Option 1 ID : **75189718395**

Option 2 ID : **75189718393**

Option 3 ID : **75189718394**

Option 4 ID : **75189718396**

Status : **Answered**

Chosen Option : **3**

Q.87

- Ans  1. ₹28,000
-  2. ₹26,000
-  3. ₹25,000
-  4. ₹27,000

Question ID : 7518976282
Option 1 ID : 75189725125
Option 2 ID : 75189725127
Option 3 ID : 75189725128
Option 4 ID : 75189725126
Status : Not Answered
Chosen Option : --

Q.88 Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, decide which of the given conclusions logically follow(s) from the statement.

Statement:

Cyclone Sepa is expected to make landfall by 3 p.m. today on the Balasore coast. Rough seas, heavy rain and strong winds are expected to lash Balasore from 11 a.m. onwards. Power supply in Balasore is likely to be affected from 2 p.m. to 9 p.m.

Conclusions:

- I. There could be power cuts in Balasore after 3 p.m. today.
- II. It would be unsafe for fishermen to venture out into the sea today, till the cyclone passes.

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

Question ID : 7518976411
Option 1 ID : 75189725641
Option 2 ID : 75189725643
Option 3 ID : 75189725644
Option 4 ID : 75189725642
Status : Answered
Chosen Option : 3

Q.89

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

Question ID : 7518974837
Option 1 ID : 75189719347
Option 2 ID : 75189719345
Option 3 ID : 75189719348
Option 4 ID : 75189719346
Status : Answered
Chosen Option : 4

Q.90 Study the given letter series and answer the question that follows.

K I O X J E T R U L E B A C K J M N

How many such vowels are there each of which is immediately followed by atleast two consonants appearing together in the above series?

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

Question ID : 7518974800
Option 1 ID : 75189719198
Option 2 ID : 75189719199
Option 3 ID : 75189719200
Option 4 ID : 75189719197
Status : Answered
Chosen Option : 2

Q.91 Which of the following alphanumeric clusters will replace the question mark (?) in the series to make it logically complete?

BE 2, GJ 3, LO 5, QT 7, ?

- Ans
- ☒ 1. VY 6
 - ☒ 2. VY 11
 - ☒ 3. WX 7
 - ☒ 4. WX 6

Question ID : 7518974779
Option 1 ID : 75189719113
Option 2 ID : 75189719114
Option 3 ID : 75189719116
Option 4 ID : 75189719115
Status : Answered
Chosen Option : 2

Q.92

- Ans  1. 15
 2. 12
 3. 13
 4. 19

Question ID : 7518976145
Option 1 ID : 75189724579
Option 2 ID : 75189724577
Option 3 ID : 75189724578
Option 4 ID : 75189724580

Status : Answered

Chosen Option : 1

Q.93 सात गिफ्ट बॉक्स, X, Y, Z, A, B, C और D, एक सीधी पंक्ति में एक-दूसरे के बगल में उत्तर की ओर मुख करके रखे गए हैं, किंतु उनका इसी क्रम में होना अनिवार्य नहीं है। Y को B के दाईं ओर ठीक बगल में रखा गया है। X को D और A दोनों के ठीक बगल में रखा गया है। C को Z के बाईं ओर ठीक बगल में रखा गया है। B को X के दाईं ओर दूसरे स्थान पर रखा गया है। Y और C को एक-दूसरे के ठीक बगल में रखा गया है। पंक्ति के दाएं सिरे पर कौन सा गिफ्ट बॉक्स रखा गया है?

- Ans  1. B
 2. Z
 3. Y
 4. X

Question ID : 7518974902
Option 1 ID : 75189719607
Option 2 ID : 75189719608
Option 3 ID : 75189719606
Option 4 ID : 75189719605

Status : Answered

Chosen Option : 2

Q.94 Vikas took a bus from a bus stop. The bus travelled 50 m towards the west. Then, it took a right turn and travelled 70 m. Then, it took a left turn and travelled 15 m. Then, it took a left turn and travelled 30 m. Then, it took a left turn and travelled 35 m. Then, it took a right turn and travelled 10 m. Finally, it took a left turn and travelled 30 m to reach the school. How far and in which direction is the bus stop from the school ? (All turns are 90 degree turns only)

- Ans  1. 40 m, East
 2. 30 m, North
 3. 30 m, South
 4. 40 m, South

Question ID : 7518975044
Option 1 ID : 75189720176
Option 2 ID : 75189720174
Option 3 ID : 75189720173
Option 4 ID : 75189720175

Status : Answered

Chosen Option : 2

Q.95

Ans

- ☒ 1. Mangrove Forests
- ☒ 2. Montane Forests
- ☒ 3. Tropical Evergreen Forests
- ☒ 4. Tropical Deciduous Forests

Question ID : 7518974088

Option 1 ID : 75189716351

Option 2 ID : 75189716350

Option 3 ID : 75189716352

Option 4 ID : 75189716349

Status : Answered

Chosen Option : 4

Q.96

Which of the following was the first city planned by Mughal Empire?

Ans

- ☒ 1. Fatehpur Sikri
- ☒ 2. Islamabad
- ☒ 3. Delhi
- ☒ 4. Agra

Question ID : 7518973835

Option 1 ID : 75189715337

Option 2 ID : 75189715338

Option 3 ID : 75189715340

Option 4 ID : 75189715339

Status : Answered

Chosen Option : 3

Q.97

- Ans
- ☒ 1. increasing length of the conductor
 - ☒ 2. decreasing cross sectional area of the conductor
 - ☒ 3. increasing resistance of the conductor
 - ☒ 4. increasing cross sectional area of the conductor

Question ID : 7518975480

Option 1 ID : 75189721919

Option 2 ID : 75189721918

Option 3 ID : 75189721920

Option 4 ID : 75189721917

Status : Answered

Chosen Option : 4

Q.98 G, H, I, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 6, the floor above it is numbered 5, and so on till the topmost floor is numbered 1.

J lives on an even numbered floor. G and K each live on an odd numbered floor. I lives on floor number 2. H lives on an odd numbered floor, immediately above L and immediately below I. G does not live on the topmost floor. Who lives on the lowermost floor?

- Ans
- ☒ 1. J
 - ☒ 2. K
 - ☒ 3. L
 - ☒ 4. G

Question ID : 7518974913

Option 1 ID : 75189719649

Option 2 ID : 75189719652

Option 3 ID : 75189719650

Option 4 ID : 75189719651

Status : Answered

Chosen Option : 1

Q.99 Which of the following medicinal plants is the best remedy to treat blood pressure?

- Ans
- ☒ 1. Sarpagandha
 - ☒ 2. Rajnigandha
 - ☒ 3. Alukam
 - ☒ 4. Navmallika

Question ID : 7518973914

Option 1 ID : 75189715653

Option 2 ID : 75189715655

Option 3 ID : 75189715656

Option 4 ID : 75189715654

Status : Answered

Chosen Option : 1

Q.100

Ans  1. 21

 2. 23

 3. 17

 4. 19

Question ID : **7518976035**

Option 1 ID : **75189724139**

Option 2 ID : **75189724137**

Option 3 ID : **75189724140**

Option 4 ID : **75189724138**

Status : **Answered**

Chosen Option : **2**