



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 Village Adampur Raisen Road
Test Date	18/08/2022
Test Time	9:00 AM - 10:30 AM
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 Which of the following numbers will replace the question mark (?) in the given series?

0, 2, 6, 12, 20, ?

Ans ☒ 1. 30

☐ 2. 35

☐ 3. 28

☐ 4. 34

Question ID : 7518974855

Option 1 ID : 75189719417

Option 2 ID : 75189719418

Option 3 ID : 75189719419

Option 4 ID : 75189719420

Status : Answered

Chosen Option : 1

Q.2 The position of how many letters will remain unchanged if each of the letters in the word 'LAMENT' is arranged in alphabetical order?

Ans ☒ 1. Two

☐ 2. None

☐ 3. One

☐ 4. Three

Question ID : 7518975225

Option 1 ID : 75189720899

Option 2 ID : 75189720897

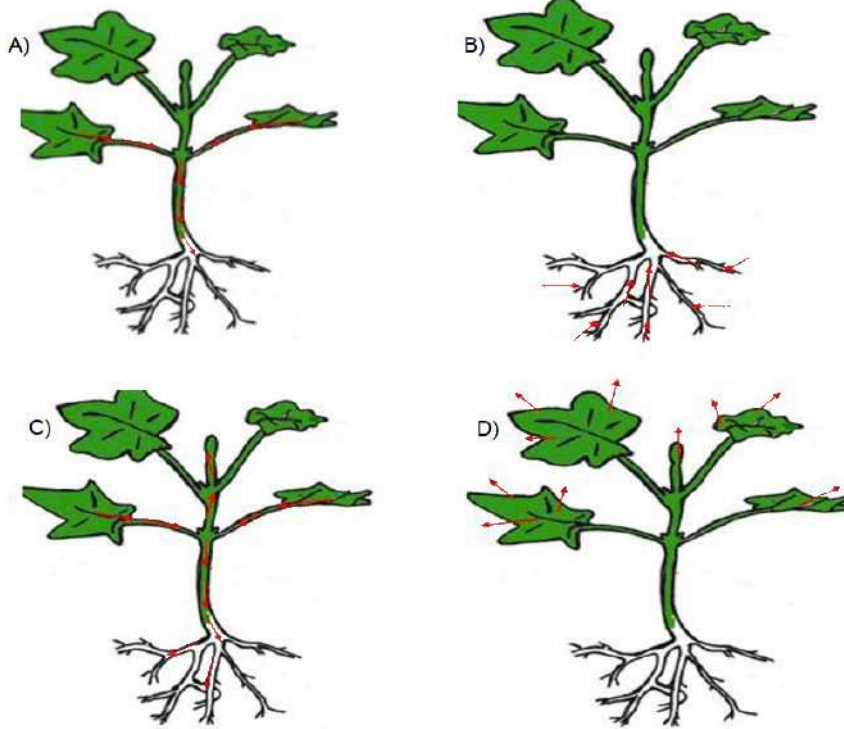
Option 3 ID : 75189720898

Option 4 ID : 75189720900

Status : Answered

Chosen Option : 1

Q.3 Which figure is the correct representation of the movement of food in phloem?



- Ans ☒ 1. C
☒ 2. B
☒ 3. D
☒ 4. A

Question ID : 7518974548
Option 1 ID : 75189718191
Option 2 ID : 75189718190
Option 3 ID : 75189718192
Option 4 ID : 75189718189

Status : Answered

Chosen Option : 4

Q.4 If the difference between two numbers is 52 and they are in the ratio 7 : 3, then find the greater of the two numbers.

- Ans ☒ 1. 84
☒ 2. 65
☒ 3. 91
☒ 4. 70

Question ID : 7518975928
Option 1 ID : 75189723711
Option 2 ID : 75189723709
Option 3 ID : 75189723712
Option 4 ID : 75189723710

Status : Answered

Chosen Option : 3

Q.5

- Ans ☒ 1. 11
☐ 2. 13
☐ 3. 12
☐ 4. 10

Question ID : 7518974720
Option 1 ID : 75189718877
Option 2 ID : 75189718880
Option 3 ID : 75189718878
Option 4 ID : 75189718879
Status : Answered
Chosen Option : 1

Q.6 A motor car starts with a speed of 60 km/h and increases its speed after every two hours by 15 km/h. In how much time will it cover a distance of 360 km?

- Ans ☐ 1. 2 hours
☐ 2. 9 hours
☐ 3. 7 hours
☒ 4. 5 hours

Question ID : 7518976089
Option 1 ID : 75189724353
Option 2 ID : 75189724356
Option 3 ID : 75189724355
Option 4 ID : 75189724354
Status : Answered
Chosen Option : 4

Q.7 If $9 : 12 :: 12 : x$, and $28 : 42 :: 42 : y$, then the value of $2x + y$ is:

- Ans ☒ 1. 95
☐ 2. 79
☐ 3. 69
☐ 4. 84

Question ID : 7518976268
Option 1 ID : 75189725070
Option 2 ID : 75189725069
Option 3 ID : 75189725072
Option 4 ID : 75189725071
Status : Answered
Chosen Option : 1

Q.8

- Ans  1. Frog
 2. Soil
 3. Insect
 4. Flower

Question ID : 7518974462
Option 1 ID : 75189717848
Option 2 ID : 75189717845
Option 3 ID : 75189717847
Option 4 ID : 75189717846
Status : Answered
Chosen Option : 2

Q.9 The HCF of any set of 10 co-prime numbers is always

- Ans  1. 1
 2. 10
 3. 0
 4. 2

Question ID : 7518975585
Option 1 ID : 75189722340
Option 2 ID : 75189722339
Option 3 ID : 75189722338
Option 4 ID : 75189722337
Status : Answered
Chosen Option : 1

Q.10 Which two numbers should be interchanged to make the given equation correct?

$$7 \times 8 + 9 - 6 \div 3 = 59$$

- Ans  1. 3 and 6
 2. 8 and 9
 3. 7 and 3
 4. 6 and 9

Question ID : 7518975328
Option 1 ID : 75189721312
Option 2 ID : 75189721310
Option 3 ID : 75189721309
Option 4 ID : 75189721311
Status : Answered
Chosen Option : 4

Q.11

- Ans ☒ 1. 234
☐ 2. 248
☐ 3. 216
☐ 4. 224

Question ID : 7518975297
Option 1 ID : 75189721187
Option 2 ID : 75189721188
Option 3 ID : 75189721185
Option 4 ID : 75189721186
Status : Answered
Chosen Option : 1

Q.12 Consider the below statements and identify the correct answer.

Statement-I: If a substance loses oxygen during a reaction, it is said to be reduced.

Statement-II: If a substance gains hydrogen during a reaction, it is said to be reduced.

- Ans ☐ 1. Statement-I is false, and Statement-II is true.
☐ 2. Both the statements are false.
☒ 3. Both the statements are true.
☐ 4. Statement-I is true, and Statement-II is false.

Question ID : 7518973614
Option 1 ID : 75189714456
Option 2 ID : 75189714454
Option 3 ID : 75189714453
Option 4 ID : 75189714455
Status : Answered
Chosen Option : 3

Q.13 Which of the following places is a harnessing site for geothermal energy in India?

- Ans ☐ 1. Bokaro
☒ 2. Manikaran
☐ 3. Tarapur
☐ 4. Kolkata

Question ID : 7518974268
Option 1 ID : 75189717071
Option 2 ID : 75189717069
Option 3 ID : 75189717070
Option 4 ID : 75189717072
Status : Answered
Chosen Option : 3

Q.14

Ans

 1. Gujarat

 2. Tamil Nadu

 3. Bihar

 4. Odisha

Question ID : 7518973776

Option 1 ID : 75189715102

Option 2 ID : 75189715101

Option 3 ID : 75189715104

Option 4 ID : 75189715103

Status : Answered

Chosen Option : 1

Q.15 Find the area of a triangle whose sides are 12 m, 14 m and 16 m.

Ans

 1. $21\sqrt{15} m^2$

 2. $7\sqrt{15} m^2$

 3. $2\sqrt{15} m^2$

 4. $\sqrt{15} m^2$

Question ID : 7518975746

Option 1 ID : 75189722981

Option 2 ID : 75189722983

Option 3 ID : 75189722982

Option 4 ID : 75189722984

Status : Answered

Chosen Option : 1

Q.16

Ans

 1. God Shiva

 2. The Moon

 3. Maa Durga

 4. The Sun

Question ID : 7518973809

Option 1 ID : 75189715235

Option 2 ID : 75189715234

Option 3 ID : 75189715236

Option 4 ID : 75189715233

Status : Answered

Chosen Option : 4

Q.17 One of the roots of the equation $x^2 - 12x + k = 0$ is $x = 3$. The other root is _____.

Ans

 1. $x = 4$

 2. $x = 9$

 3. $x = -4$

 4. $x = -9$

Question ID : 7518976175

Option 1 ID : 75189724699

Option 2 ID : 75189724698

Option 3 ID : 75189724697

Option 4 ID : 75189724700

Status : Answered

Chosen Option : 2

Q.18 If three numbers are in the ratio $5 : 6 : 8$ and the sum of their squares is 1250, then the product of those numbers is:

Ans

 1. 2400

 2. $2400\sqrt{10}$

 3. 1200

 4. $1200\sqrt{10}$

Question ID : 7518975844

Option 1 ID : 75189723373

Option 2 ID : 75189723374

Option 3 ID : 75189723375

Option 4 ID : 75189723376

Status : Answered

Chosen Option : 2

Q.19

- Ans  1. Prophet Muhammad
-  2. Prophet Noah
-  3. Prophet Yusuf
-  4. Prophet Abraham

Question ID : 7518974203
Option 1 ID : 75189716811
Option 2 ID : 75189716810
Option 3 ID : 75189716809
Option 4 ID : 75189716812
Status : Answered
Chosen Option : 1

Q.20 Which of the following elements is the most reactive?

- Ans  1. Al
-  2. Pb
-  3. Mg
-  4. Ca

Question ID : 7518973433
Option 1 ID : 75189713730
Option 2 ID : 75189713729
Option 3 ID : 75189713732
Option 4 ID : 75189713731
Status : Answered
Chosen Option : 4

Q.21 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. All grasses are shrubs.
- II. All roots are fruits.
- III. All fruits are flowers.

Conclusions:

- I. All grasses are flowers.
- II. All roots are flowers.
- III. Some flowers are fruits.

- Ans  1. All the conclusions follow
-  2. Only conclusion I follows
-  3. Conclusions II and III follow
-  4. Only conclusion III follows

Question ID : 7518974935
Option 1 ID : 75189719740
Option 2 ID : 75189719737
Option 3 ID : 75189719738
Option 4 ID : 75189719739
Status : Answered
Chosen Option : 3

Q.22

Ans

- ☒ 1. $2 \text{NaCl (aq)} + 2 \text{H}_2\text{O (l)} \rightarrow 2 \text{NaOH (aq)} + \text{Cl}_2 \text{(g)} + \text{H}_2 \text{(g)}$
- ☒ 2. $\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2 + \text{NH}_3 \rightarrow \text{NH}_4\text{Cl} + \text{NaHCO}_3$
- ☒ 3. $\text{Ca(OH)}_2 + \text{Cl}_2 \rightarrow \text{CaOCl}_2 + \text{H}_2\text{O}$
- ☒ 4. $\text{NaHCO}_3 + \text{H}^+ \rightarrow \text{CO}_2 + \text{H}_2\text{O} + \text{Sodium salt of acid}$

Question ID : 7518973649

Option 1 ID : 75189714596

Option 2 ID : 75189714594

Option 3 ID : 75189714593

Option 4 ID : 75189714595

Status : Answered

Chosen Option : 3

Q.23 Janhvi starts walking from her home and goes 45 m towards the west. She then turns right and walks 32 m. Then, she turns right and walks 88 m. After that, she turns right and walks 50 m. Finally, she turns right again and walks 43 m. How far and in which direction is she now from her home? (All turns are 90 degree turns only)

Ans

- ☒ 1. 18 m, South
- ☒ 2. 16 m, South
- ☒ 3. 45 m, North
- ☒ 4. 18 m, North

Question ID : 7518975268

Option 1 ID : 75189721072

Option 2 ID : 75189721069

Option 3 ID : 75189721070

Option 4 ID : 75189721071

Status : Answered

Chosen Option : 1

Q.24 How many languages are there in the 8th Schedule of the Indian Constitution as on June 2022?

Ans

- ☒ 1. 19
- ☒ 2. 22
- ☒ 3. 25
- ☒ 4. 15

Question ID : 7518974188

Option 1 ID : 75189716750

Option 2 ID : 75189716751

Option 3 ID : 75189716752

Option 4 ID : 75189716749

Status : Answered

Chosen Option : 2

Q.25 Which of the following statements are correct?

- (a) For a lens the first principal focus is the position of the object whose image is at infinity
- (b) For a lens the first principal focus is the position of the object whose image is formed at twice the focal length.
- (c) For a lens the second principal focus is the position of the real image whose object is at infinity
- (d) For a lens the second principal focus is the position of the object whose image is formed at twice the focal length

Ans  1. Both (b) and (c)

 2. Both (b) and (d)

 3. Both (a) and (c)

 4. Both (a) and (b)

Question ID : 7518975375

Option 1 ID : 75189721498

Option 2 ID : 75189721500

Option 3 ID : 75189721499

Option 4 ID : 75189721497

Status : Not Answered

Chosen Option : --

Q.26 Two boxes have chocolates in the ratio 7 : 5. If the difference in the number of chocolates is 28, find the number of chocolates in the box with larger numbers.

Ans  1. 77

 2. 84

 3. 98

 4. 91

Question ID : 7518975702

Option 1 ID : 75189722808

Option 2 ID : 75189722807

Option 3 ID : 75189722805

Option 4 ID : 75189722806

Status : Answered

Chosen Option : 3

Q.27 A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the given assumptions is/are implicit in the statement.

Statement:

Essay writing is an art. It requires an understanding of the subject as well as a command over the language to be able to write a good essay.

Assumptions:

- I. Essays cannot be written without complete mastery over the subject.
- II. Anyone with a good command over the language can write a good essay.

Ans  1. Only assumption II is implicit

 2. Both assumptions I and II are implicit

 3. Neither assumption I nor II is implicit

 4. Only assumption I is implicit

Question ID : 7518976410

Option 1 ID : 75189725638

Option 2 ID : 75189725640

Option 3 ID : 75189725639

Option 4 ID : 75189725637

Status : Answered

Chosen Option : 1

Q.28

- Ans
- ☐ 1. A pair of vertically opposite angles have the same measure.
 - ☐ 2. A pair of alternate interior angles have the same measure.
 - ☐ 3. A pair of corresponding angles have the same measure.
 - ☒ 4. A pair of interior angles on the same side of the transversal have the same measure.

Question ID : 7518975980
Option 1 ID : 75189723920
Option 2 ID : 75189723917
Option 3 ID : 75189723919
Option 4 ID : 75189723918
Status : Answered
Chosen Option : 4

Q.29 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(1, 8, 3)

(2, 21, 5)

- Ans
- ☐ 1. (5, 112, 11)
 - ☒ 2. (4, 33, 7)
 - ☐ 3. (2, 26, 3)
 - ☐ 4. (7, 128, 10)

Question ID : 7518974869
Option 1 ID : 75189719476
Option 2 ID : 75189719475
Option 3 ID : 75189719474
Option 4 ID : 75189719473
Status : Answered
Chosen Option : 2

Q.30 If a and b are the roots of $x^2 + x - 2 = 0$, then the quadratic equation in x whose roots are $\frac{1}{a} + \frac{1}{b}$ and ab is:

- Ans
- ☐ 1. $2x^2 + 5x - 2 = 0$
 - ☒ 2. $2x^2 + 3x - 2 = 0$
 - ☐ 3. $2x^2 - 5x + 2 = 0$
 - ☐ 4. $2x^2 - 3x + 2 = 0$

Question ID : 7518976353
Option 1 ID : 75189725410
Option 2 ID : 75189725412
Option 3 ID : 75189725411
Option 4 ID : 75189725409
Status : Answered
Chosen Option : 4

Q.31

Ans

☐ 1. $\frac{2}{3}R$

☒ 2. $\frac{3}{2}R$

☐ 3. $3R$

☐ 4. $\frac{1}{2}R$

Question ID : 7518975470

Option 1 ID : 75189721878

Option 2 ID : 75189721877

Option 3 ID : 75189721880

Option 4 ID : 75189721879

Status : Answered

Chosen Option : 2

Q.32 Identify the long jumper of India who won a silver medal at the U-20 World Athletics Championships in the year 2021.

Ans

☐ 1. Seema Punia

☒ 2. Shaili Singh

☐ 3. Nayana James

☐ 4. Mercy Kuttan

Question ID : 7518976458

Option 1 ID : 75189725832

Option 2 ID : 75189725830

Option 3 ID : 75189725831

Option 4 ID : 75189725829

Status : Not Answered

Chosen Option : --

Q.33 How and when is oxygen produced as a waste product in plants?

Ans

☐ 1. By respiration during the day

☐ 2. By photosynthesis during the night

☒ 3. By photosynthesis during the day

☐ 4. By respiration during the night

Question ID : 7518974555

Option 1 ID : 75189718218

Option 2 ID : 75189718219

Option 3 ID : 75189718217

Option 4 ID : 75189718220

Status : Answered

Chosen Option : 3

Q.34

Ans

 1. Cops

 2. Pay Money

 3. PayU

 4. Pops

Question ID : 7518973863

Option 1 ID : 75189715449

Option 2 ID : 75189715451

Option 3 ID : 75189715452

Option 4 ID : 75189715450

Status : Answered

Chosen Option : 3

Q.35 A television costs ₹35,000 less than a printer. If the cost of the printer is twice the cost of the television, then the cost of the television is:

Ans  1. ₹53,000

 2. ₹15,700

 3. ₹17,500

 4. ₹35,000

Question ID : 7518975921

Option 1 ID : 75189723682

Option 2 ID : 75189723684

Option 3 ID : 75189723683

Option 4 ID : 75189723681

Status : Answered

Chosen Option : 4

Q.36

Ans

 1. 14

 2. 17

 3. 11

 4. 7

Question ID : 7518973931

Option 1 ID : 75189715723

Option 2 ID : 75189715724

Option 3 ID : 75189715721

Option 4 ID : 75189715722

Status : Not Answered

Chosen Option : --

Q.37 A group of class IX students conducted a survey for the number of family members in a household on 40 households in a locality, which resulted in the given frequency table. What is the mode of the data?

Family size	Number of families
2-4	10
4-6	8
6-8	12
8-10	6
10-12	4

Ans  1. 6.6

 2. 6.7

 3. 6.9

 4. 6.8

Question ID : 7518976311

Option 1 ID : 75189725242

Option 2 ID : 75189725243

Option 3 ID : 75189725244

Option 4 ID : 75189725241

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.38

Ans

-  1. World Bank
-  2. International Monetary Fund (IMF)
-  3. Ministry of Finance of India
-  4. Reserve Bank of India

Question ID : 7518973852
Option 1 ID : 75189715405
Option 2 ID : 75189715408
Option 3 ID : 75189715406
Option 4 ID : 75189715407

Status : Not Answered

Chosen Option : --

Q.39 The value of $0.0486 \div 0.002 =$

Ans

-  1. 13.8
-  2. 24.3
-  3. 18.7
-  4. 21.5

Question ID : 7518975566
Option 1 ID : 75189722262
Option 2 ID : 75189722263
Option 3 ID : 75189722261
Option 4 ID : 75189722264

Status : Answered

Chosen Option : 2

Q.40 If x and y are the two digits of the number 115 xy such that this number is divisible by 90, then the value of $x + y$ is:

Ans

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

Question ID : 7518976241
Option 1 ID : 75189724962
Option 2 ID : 75189724964
Option 3 ID : 75189724961
Option 4 ID : 75189724963

Status : Answered

Chosen Option : 2

Q.41

- Ans
- ☒ 1. Revenue deficit
 - ☒ 2. Fiscal deficit
 - ☒ 3. Credit control
 - ☒ 4. Primary deficit

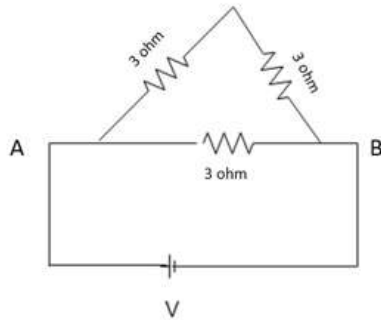
Question ID : 7518974239
Option 1 ID : 75189716955
Option 2 ID : 75189716953
Option 3 ID : 75189716956
Option 4 ID : 75189716954
Status : Not Answered
Chosen Option : --

Q.42 My father is presently 25 years older than me. The sum of our ages 5 years ago was 39 years. Find my present age.

- Ans
- ☒ 1. 15 years
 - ☒ 2. 13 years
 - ☒ 3. 12 years
 - ☒ 4. 20 years

Question ID : 7518975718
Option 1 ID : 75189722870
Option 2 ID : 75189722871
Option 3 ID : 75189722872
Option 4 ID : 75189722869
Status : Answered
Chosen Option : 3

Q.43 The equivalent resistance between points A and B shown in the figure below:



- Ans
- ☒ 1. $2\ \Omega$
 - ☒ 2. $6\ \Omega$
 - ☒ 3. $9\ \Omega$
 - ☒ 4. $4.5\ \Omega$

Question ID : 7518975474
Option 1 ID : 75189721893
Option 2 ID : 75189721896
Option 3 ID : 75189721894
Option 4 ID : 75189721895
Status : Answered
Chosen Option : 1

Q.44

- Ans ☒ 1. 16
☒ 2. 11
☒ 3. 8
☒ 4. 14

Question ID : 7518973972

Option 1 ID : 75189715888

Option 2 ID : 75189715886

Option 3 ID : 75189715885

Option 4 ID : 75189715887

Status : Not Answered

Chosen Option : --

Q.45 Eight friends Kriti, Durga, Manasi, Surya, Tahira, Vritti, Ahana and Yoshita are sitting around a square table in such a way that four friends are sitting on the corners of the table while the other four are sitting at the exact centre of sides of the table. All are facing the centre of the table. Surya is sitting at the third place to right of Durga. Only Tahira is between Kriti and Durga. Manasi is second to left of Durga. Only Vritti is sitting between Surya and Yoshita. Yoshita is second to left of Ahana. Vritti is second to left of Manasi. Who is sitting third to left of Tahira?

- Ans ☒ 1. Ahana
☒ 2. Yoshita
☒ 3. Surya
☒ 4. Manasi

Question ID : 7518975137

Option 1 ID : 75189720545

Option 2 ID : 75189720548

Option 3 ID : 75189720547

Option 4 ID : 75189720546

Status : Answered

Chosen Option : 4

Q.46 The simple interest on ₹1,280 at 5% p.a. for 3 years is:

- Ans ☒ 1. ₹180
☒ 2. ₹192
☒ 3. ₹480
☒ 4. ₹195

Question ID : 7518975613

Option 1 ID : 75189722450

Option 2 ID : 75189722451

Option 3 ID : 75189722452

Option 4 ID : 75189722449

Status : Answered

Chosen Option : 2

Q.47 The table below shows the differences between the structure and function of plants and animals.

Which option shows the **INCORRECT** statement?

Sr. no.	Plants	Animals
a.	Do not move	Move in search of food, mate and shelter
b.	Most tissues are dead	Most tissues are living
c.	Need less energy	Need more energy
d.	Growth is limited to certain regions	Growth is limited to certain regions

Ans  1. a

 2. d

 3. c

 4. b

Question ID : **7518974563**

Option 1 ID : **75189718249**

Option 2 ID : **75189718252**

Option 3 ID : **75189718251**

Option 4 ID : **75189718250**

Status : **Answered**

Chosen Option : **2**

Q.48 Three statements are followed by four conclusions numbered I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

Statements:

1. All couriers are shipments.
2. All shipments are transports.
3. No haul is transport.

Conclusions:

- I. No transport is shipment.
- II. All couriers are transports.
- III. Some transports are shipments.
- IV. No courier is haul.

Ans  1. Only conclusions II, III and IV follow.

 2. Only conclusions I and IV follow.

 3. Only conclusions II and IV follow.

 4. All conclusions follow.

Question ID : **7518974748**

Option 1 ID : **75189718991**

Option 2 ID : **75189718990**

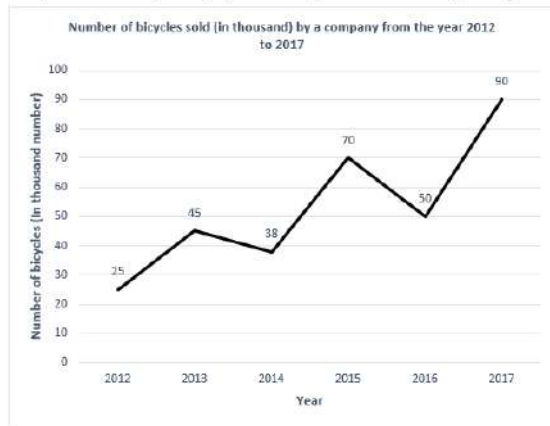
Option 3 ID : **75189718989**

Option 4 ID : **75189718992**

Status : **Answered**

Chosen Option : **1**

Q.49 Study the following line graph carefully and answer the given question.



The number of bicycles sold in 2013 is approximately what percent of the number of bicycles sold in 2017?

- Ans
- ☒ 1. 10%
 - ☒ 2. 45%
 - ☒ 3. 100%
 - ☒ 4. 50%

Question ID : 7518975116

Option 1 ID : 75189720462

Option 2 ID : 75189720464

Option 3 ID : 75189720461

Option 4 ID : 75189720463

Status : Answered

Chosen Option : 4

Q.50 $2.666\ldots + 2.77\ldots$ in fraction form is:

- Ans
- ☒ 1. $\frac{31}{9}$
 - ☒ 2. $\frac{47}{9}$
 - ☒ 3. $\frac{49}{9}$
 - ☒ 4. $\frac{29}{9}$

Question ID : 7518975575

Option 1 ID : 75189722297

Option 2 ID : 75189722300

Option 3 ID : 75189722299

Option 4 ID : 75189722298

Status : Answered

Chosen Option : 3

Q.51 Match the following:

A	B
i. red cabbage leaves	a. olfactory indicator
ii. methyl orange	b. acid base indicator
iii. Onion, clove	c. natural acid base indicator

- Ans  1. i-a, ii-c, iii-b
 2. i-a, ii-b, iii-c
 3. i-c, ii-b, iii-a
 4. i-c, ii-a, iii-b

Question ID : 7518973624

Option 1 ID : 75189714496

Option 2 ID : 75189714493

Option 3 ID : 75189714494

Option 4 ID : 75189714495

Status : Answered

Chosen Option : 3

Q.52 In India, Mangrove Forests are majorly found in which of the following states?

- Ans  1. Maharashtra
 2. Telangana
 3. West Bengal
 4. Nagaland

Question ID : 7518974280

Option 1 ID : 75189717117

Option 2 ID : 75189717118

Option 3 ID : 75189717119

Option 4 ID : 75189717120

Status : Answered

Chosen Option : 3

Q.53

- Ans
- ☒ 1. 746 J
 - ☒ 2. 74.6 J/s
 - ☒ 3. 746 W
 - ☒ 4. 746 kW

Question ID : 7518975496

Option 1 ID : 75189721981

Option 2 ID : 75189721984

Option 3 ID : 75189721982

Option 4 ID : 75189721983

Status : Answered

Chosen Option : 3

Q.54 Six girls decided to record a video of their talks, one on each separate day of the same week. Sunday will be a rest day. P said Friday will suit her. U will start the process and record on Monday. S will record immediately before T. Q will record on a day exactly between the days of U and S. T selected Thursday. Which day is left for R to record the video?

- Ans
- ☒ 1. Wednesday
 - ☒ 2. Monday
 - ☒ 3. Thursday
 - ☒ 4. Saturday

Question ID : 7518974724

Option 1 ID : 75189718894

Option 2 ID : 75189718893

Option 3 ID : 75189718895

Option 4 ID : 75189718896

Status : Answered

Chosen Option : 4

Q.55 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 donkeys are zebras.

Some bulls are cats.

Some donkeys are apes.

Conclusions:

(I) Some zebras are bulls.

(II) Some zebras are apes.

(III) Some donkeys are cats.

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

Question ID : 7518974928

Option 1 ID : 75189719711

Option 2 ID : 75189719709

Option 3 ID : 75189719710

Option 4 ID : 75189719712

Status : Answered

Chosen Option : 3

Q.56 Which of the following is NOT a possible isomer of hexane?

- Ans**
- ☒ 1. 2-ethyl pentane
 - ☒ 2. 3-methyl pentane
 - ☒ 3. 2-methyl pentane
 - ☒ 4. 2, 2 dimethyl butane

Question ID : 7518973381

Option 1 ID : 75189713521

Option 2 ID : 75189713523

Option 3 ID : 75189713522

Option 4 ID : 75189713524

Status : Answered

Chosen Option : 1

Q.57 The position of how many letters will remain unchanged if each of the letters in the word 'DIRECT' is arranged in alphabetical order?

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

Question ID : 7518975223

Option 1 ID : 75189720891

Option 2 ID : 75189720890

Option 3 ID : 75189720892

Option 4 ID : 75189720889

Status : Answered

Chosen Option : 2

Q.58

Ans ☒ 1. First attempt to study the size of atoms.

☒ 2.

First attempt to relate the properties of elements with atomic mass.

☒ 3. First attempt to study the colour of elements.

☒ 4. First attempt to study the atomicity of molecules.

Question ID : 7518973497

Option 1 ID : 75189713988

Option 2 ID : 75189713985

Option 3 ID : 75189713987

Option 4 ID : 75189713986

Status : Answered

Chosen Option : 2

Q.59 Under which five-year plan was Bharat Nirman started by the Government of India to upgrade rural infrastructure?

Ans ☒ 1. Sixth Five Year Plan

☒ 2. Eighth Five Year Plan

☒ 3. Ninth Five Year Plan

☒ 4. Tenth Five Year Plan

Question ID : 7518974062

Option 1 ID : 75189716245

Option 2 ID : 75189716246

Option 3 ID : 75189716247

Option 4 ID : 75189716248

Status : Not Answered

Chosen Option : --

Q.60 Which Amendment of the Constitution of India envisages the Gram Sabha as the foundation of the Panchayat Raj System to perform functions and powers entrusted to it by the State Legislatures?

Ans ☒ 1. 71st

☒ 2. 63rd

☒ 3. 73rd

☒ 4. 54th

Question ID : 7518974108

Option 1 ID : 75189716431

Option 2 ID : 75189716430

Option 3 ID : 75189716432

Option 4 ID : 75189716429

Status : Answered

Chosen Option : 3

Q.61

- Ans
- ☒ 1. 5 min
 - ☒ 2. 15 min
 - ☒ 3. 20 min
 - ☒ 4. 10 min

Question ID : 7518975881
Option 1 ID : 75189723521
Option 2 ID : 75189723523
Option 3 ID : 75189723524
Option 4 ID : 75189723522
Status : Answered
Chosen Option : 4

Q.62

According to the Economic Survey 2021-22, what is the rank of India (Globally) in average annual net gain in forest area?

- Ans
- ☒ 1. 1st
 - ☒ 2. 3rd
 - ☒ 3. 4th
 - ☒ 4. 2nd

Question ID : 7518973902
Option 1 ID : 75189715605
Option 2 ID : 75189715607
Option 3 ID : 75189715608
Option 4 ID : 75189715606
Status : Marked For Review
Chosen Option : 2

Q.63 This question is based on the five, three-digit numbers given below:

(Left) 158 438 182 325 230 (Right)

If 5 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

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

Question ID : 7518975019
Option 1 ID : 75189720074
Option 2 ID : 75189720075
Option 3 ID : 75189720073
Option 4 ID : 75189720076
Status : Answered
Chosen Option : 3

Q.64

- Ans  1. 15%
-  2. 10%
-  3. 18%
-  4. 12%

Question ID : 7518975638
Option 1 ID : 75189722550
Option 2 ID : 75189722552
Option 3 ID : 75189722551
Option 4 ID : 75189722549

Status : Answered

Chosen Option : 2

Q.65 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.

B _ M _ Q _ V M W _ B V M W _ B V _ _ T

- Ans  1. VWBRSMW
-  2. VWVRRMW
-  3. VWVRS MR
-  4. VWBVSWM

Question ID : 7518975219
Option 1 ID : 75189720874
Option 2 ID : 75189720875
Option 3 ID : 75189720873
Option 4 ID : 75189720876

Status : Answered

Chosen Option : 1

Q.66 Which of the following numbers will replace the question mark (?) in the given series?

5, 13, 23, 49, ?, 193

- Ans  1. 105
-  2. 95
-  3. 120
-  4. 82

Question ID : 7518974859
Option 1 ID : 75189719435
Option 2 ID : 75189719434
Option 3 ID : 75189719436
Option 4 ID : 75189719433

Status : Answered

Chosen Option : 2

Q.67 P, Q, R, S, T, U and V live on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 7. U lives on the top floor. Only two persons live between T and Q. Q is on floor number 3. V lives on the floor immediately above P's floor. S lives on the floor immediately above R's floor. Q lives on the floor immediately below R's floor. Who lives on floor number 6?

- Ans**
- ✓ 1. T
 - ✗ 2. V
 - ✗ 3. R
 - ✗ 4. S

Question ID : 7518975153

Option 1 ID : 75189720611

Option 2 ID : 75189720612

Option 3 ID : 75189720609

Option 4 ID : 75189720610

Status : Answered

Chosen Option : 1

Q.68 An object is placed at the principal focus of a concave lens. Which of the following options represents the characteristics of the image formed?

- Ans**
- ✗ 1. Virtual and enlarged
 - ✓ 2. Virtual and highly diminished
 - ✗ 3. Real and enlarged
 - ✗ 4. Real and diminished

Question ID : 7518975407

Option 1 ID : 75189721627

Option 2 ID : 75189721628

Option 3 ID : 75189721625

Option 4 ID : 75189721626

Status : Answered

Chosen Option : 3

Q.69 Pankaj Advani bagged his 41st title by defeating whom, to lift his 8th title at the Asian 100 UP Billiards Championship 2022?

- Ans**
- ✓ 1. Dhruv Sitwala
 - ✗ 2. Manan Chandra
 - ✗ 3. Aditya Mehta
 - ✗ 4. Sourav Kothari

Question ID : 7518973951

Option 1 ID : 75189715802

Option 2 ID : 75189715804

Option 3 ID : 75189715801

Option 4 ID : 75189715803

Status : Answered

Chosen Option : 1

Q.70

- Ans
- ☒ 1. $\operatorname{cosec} \theta + \cot \theta$
 - ☒ 2. $\sec \theta + \cot \theta$
 - ☒ 3. $\sec \theta - \cot \theta$
 - ☒ 4. $\operatorname{cosec} \theta - \cot \theta$

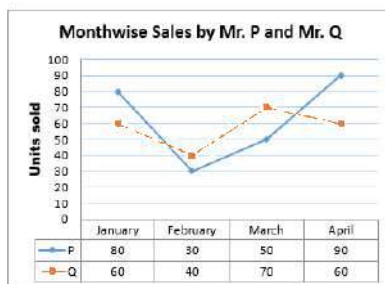
Question ID : 7518975999
 Option 1 ID : 75189723994
 Option 2 ID : 75189723996
 Option 3 ID : 75189723995
 Option 4 ID : 75189723993
 Status : Answered
 Chosen Option : 4

Q.71 Which of the following properties do covalent compounds generally NOT exhibit?

- Ans
- ☒ 1. They are not soluble in an organic solvent.
 - ☒ 2. They are bad conductors of electricity and heat.
 - ☒ 3. They form by sharing of electrons.
 - ☒ 4. They do not form ions generally.

Question ID : 7518973388
 Option 1 ID : 75189713549
 Option 2 ID : 75189713550
 Option 3 ID : 75189713551
 Option 4 ID : 75189713552
 Status : Not Answered
 Chosen Option : --

Q.72 The graph and the table below show the units sold by two salesmen, Mr. P and Mr. Q, in 4 months from January to April. Study the graph and the table and answer the question.

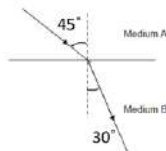


What is the respective ratio of the total units sold by Mr. P and Mr. Q during the 4 months?

- Ans
- ☒ 1. 25 : 27
 - ☒ 2. 25 : 23
 - ☒ 3. 24 : 23
 - ☒ 4. 23 : 21

Question ID : 7518975330
 Option 1 ID : 75189721318
 Option 2 ID : 75189721317
 Option 3 ID : 75189721319
 Option 4 ID : 75189721320
 Status : Answered
 Chosen Option : 2

Q.73 The path of a ray of light incident on an interface separating two media is shown in the figure below. The refractive index of medium A with respect to medium B is equal to:



Ans

☐ 1. $2\sqrt{2}$

☒ 2. $\sqrt{2}$

☐ 3. $\frac{1}{\sqrt{2}}$

☐ 4. $\frac{1}{2\sqrt{2}}$

Question ID : 7518975405

Option 1 ID : 75189721620

Option 2 ID : 75189721617

Option 3 ID : 75189721618

Option 4 ID : 75189721619

Status : Answered

Chosen Option : 2

Q.74 Some reasons highlighting the importance of delivering sex education in schools are mentioned below.

Choose the incorrect option.

Ans

☒ 1.

Knowing about their body changes, teenagers start making fun of each other

☐ 2. Helps to keep teenagers away from sexual abuse

☐ 3. Discouraging various myths and misconceptions

☐ 4. Knowledge about changes taking place during puberty

Question ID : 7518974620

Option 1 ID : 75189718479

Option 2 ID : 75189718480

Option 3 ID : 75189718478

Option 4 ID : 75189718477

Status : Answered

Chosen Option : 1

Q.75 Anita is standing facing the north direction. Then, she turns 135° anticlockwise. After that, she turns 90° clockwise. In which direction is she facing now?

Ans

☐ 1. North-east

☐ 2. South-west

☒ 3. North-west

☐ 4. South-east

Question ID : 7518975255

Option 1 ID : 75189721019

Option 2 ID : 75189721018

Option 3 ID : 75189721017

Option 4 ID : 75189721020

Status : Answered

Chosen Option : 3

Q.76

- Ans
- ☒ 1. Swami Vivekananda
 - ☒ 2. Swami Dayanand Saraswati
 - ☒ 3. Raja Ram Mohan Roy
 - ☒ 4. Ishwarchandra Vidyasagar

Question ID : 7518973996

Option 1 ID : 75189715984

Option 2 ID : 75189715981

Option 3 ID : 75189715982

Option 4 ID : 75189715983

Status : Answered

Chosen Option : 2

Q.77 The value of $5^3 \times 5^4 \times 5^2 = ?$

- Ans
- ☒ 1. 5^9
 - ☒ 2. 5^7
 - ☒ 3. 5^6
 - ☒ 4. 5^5

Question ID : 7518975794

Option 1 ID : 75189723174

Option 2 ID : 75189723175

Option 3 ID : 75189723173

Option 4 ID : 75189723176

Status : Answered

Chosen Option : 1

Q.78 In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/Symbol	5	6	8	3	%	#	7
Codes	U	S	C	K	D	T	A

Conditions:

- (i) If the first element is an odd number and the last element is an even number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the second element is a symbol and the fifth element is an even number, the codes for these two (the second and the fifth elements) are to be interchanged.
- (iii) If the third element is a number and the fourth element is a symbol, both these elements (the third and the fourth elements) are to be coded as W.

Question: 5 # % 6 7 # 3 8

- Ans**
-  1. CADSTTKU
 -  2. UTDSATKC
 -  3. CTWWATKU
 -  4. CTDSATKU

Question ID : 7518975253
Option 1 ID : 75189721010
Option 2 ID : 75189721009
Option 3 ID : 75189721012
Option 4 ID : 75189721011

Status : Answered

Chosen Option : 2

Q.79 A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $H = W > F \geq S \geq T > Y$

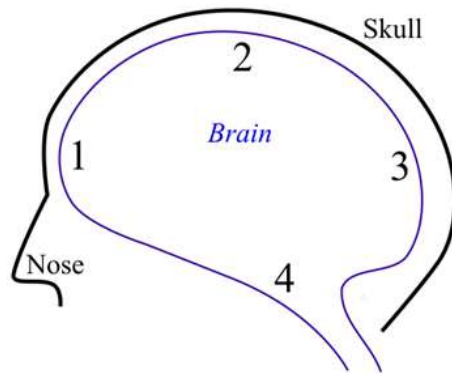
- Ans**
-  1. $H < F$
 -  2. $Y < S$
 -  3. $W < T$
 -  4. $T \geq F$

Question ID : 7518975196
Option 1 ID : 75189720782
Option 2 ID : 75189720781
Option 3 ID : 75189720783
Option 4 ID : 75189720784

Status : Answered

Chosen Option : 2

Q.80 Which of the following numbers indicates the spinal cord's location in the human brain?



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

Question ID : 7518974368

Option 1 ID : 75189717469

Option 2 ID : 75189717471

Option 3 ID : 75189717470

Option 4 ID : 75189717472

Status : Answered

Chosen Option : 4

Q.81 If '+' means '-', '-' means '+', '*' means '/' and '/' means '*', what will come in place of the question mark (?) in the following equation?

$$12 \div 6 + 28 - 7 \times 14 = ?$$

- Ans
- ☒ 1. 78
 - ☒ 2. 80
 - ☒ 3. 72
 - ☒ 4. 82

Question ID : 7518975321

Option 1 ID : 75189721284

Option 2 ID : 75189721283

Option 3 ID : 75189721281

Option 4 ID : 75189721282

Status : Answered

Chosen Option : 4

Q.82

- Ans ☒ 1. 6
☒ 2. 8
☒ 3. 4
☒ 4. 10

Question ID : 7518975103
Option 1 ID : 75189720410
Option 2 ID : 75189720411
Option 3 ID : 75189720409
Option 4 ID : 75189720412
Status : Answered
Chosen Option : 1

Q.83 An AC generator works on the principle of:

- Ans ☒ 1. electromagnetic induction
☒ 2. heating effect of electric current
☒ 3. force on a current carrying conductor
☒ 4. electromagnetism

Question ID : 7518975532
Option 1 ID : 75189722125
Option 2 ID : 75189722127
Option 3 ID : 75189722126
Option 4 ID : 75189722128
Status : Answered
Chosen Option : 1

Q.84

India launched a commemorative logo to mark her 30th anniversary of diplomatic ties with which of these countries?

- Ans ☒ 1. Spain
☒ 2. Israel
☒ 3. America
☒ 4. Canada

Question ID : 7518973789
Option 1 ID : 75189715155
Option 2 ID : 75189715153
Option 3 ID : 75189715156
Option 4 ID : 75189715154
Status : Not Answered
Chosen Option : --

Q.85

- Ans ☒ 1. R
☒ 2. S
☒ 3. T
☒ 4. P

Question ID : 7518975209

Option 1 ID : 75189720835

Option 2 ID : 75189720834

Option 3 ID : 75189720836

Option 4 ID : 75189720833

Status : Answered

Chosen Option : 2

Q.86 A truck travels at a speed of 60 km/h from city P to city Q and returns to city P by the same route at a speed of 100 km/h. What is the average speed of the truck for the given journey?

- Ans ☒ 1. 80 km/h
☒ 2. 85 km/h
☒ 3. 70 km/h
☒ 4. 75 km/h

Question ID : 7518976111

Option 1 ID : 75189724441

Option 2 ID : 75189724444

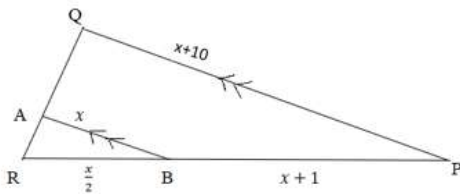
Option 3 ID : 75189724443

Option 4 ID : 75189724442

Status : Answered

Chosen Option : 4

Q.87 In the given figure, $AB \parallel QP$, $AB = x$, $PQ = x + 10$, $RB = \frac{x}{2}$, $BP = x + 1$. Find PQ



- Ans ☒ 1. 13 units
☒ 2. 18 units
☒ 3. 12 units
☒ 4. 4 units

Question ID : 7518975773

Option 1 ID : 75189723091

Option 2 ID : 75189723090

Option 3 ID : 75189723092

Option 4 ID : 75189723089

Status : Not Answered

Chosen Option : --

Q.88

- Ans
- ☐ 1. Ministry of Law and Justice
 - ☐ 2. Ministry of Home Affairs
 - ☒ 3. Ministry of External Affairs
 - ☐ 4. Ministry of Defence

Question ID : 7518976538
Option 1 ID : 75189726149
Option 2 ID : 75189726152
Option 3 ID : 75189726150
Option 4 ID : 75189726151
Status : Not Answered
Chosen Option : --

Q.89 Which of the following uses spores to reproduce?

- Ans
- ☐ 1. Mango
 - ☒ 2. Ferns
 - ☐ 3. Amoeba
 - ☐ 4. Yeast

Question ID : 7518974453
Option 1 ID : 75189717811
Option 2 ID : 75189717812
Option 3 ID : 75189717809
Option 4 ID : 75189717810
Status : Answered
Chosen Option : 2

Q.90

Which of the following falls under Article 51A of the Indian Constitution?

- Ans
- ☐ 1. Cultural and Education Rights
 - ☐ 2. Promotion of International peace and security
 - ☒ 3. Fundamental Duties
 - ☐ 4. Fundamental rights

Question ID : 7518973921
Option 1 ID : 75189715683
Option 2 ID : 75189715684
Option 3 ID : 75189715682
Option 4 ID : 75189715681
Status : Answered
Chosen Option : 3

Q.91

Ans  1.

Avoid substituting CFL bulbs for standard incandescent bulbs.

 2. Solar cookers should be avoided at all costs.

 3. Avoid using public transportation or joining a carpool.

 4. Do not overuse air conditioning or heating systems.

Question ID : 7518974491
Option 1 ID : 75189717964
Option 2 ID : 75189717963
Option 3 ID : 75189717961
Option 4 ID : 75189717962
Status : Answered
Chosen Option : 4

Q.92 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

BEING : YVRMT :: PRIDE : KIRWV :: CLEAN : ?

Ans  1. XPVRM

 2. XOVMZ

 3. XOWZM

 4. GOVZP

Question ID : 7518975273
Option 1 ID : 75189721089
Option 2 ID : 75189721091
Option 3 ID : 75189721092
Option 4 ID : 75189721090
Status : Answered
Chosen Option : 2

Q.93 How many times are the hour and the minute hands of a clock at a right angle in a period of two days?

Ans  1. 88

 2. 48

 3. 92

 4. 77

Question ID : 7518976433
Option 1 ID : 75189725730
Option 2 ID : 75189725732
Option 3 ID : 75189725731
Option 4 ID : 75189725729
Status : Answered
Chosen Option : 1

Q.94

- Ans
- ☒ 1. 15
 - ☒ 2. 14
 - ☒ 3. 13
 - ☒ 4. 12

Question ID : 7518976360
Option 1 ID : 75189725440
Option 2 ID : 75189725439
Option 3 ID : 75189725438
Option 4 ID : 75189725437
Status : Answered
Chosen Option : 3

Q.95 A boy focusses a sharp image of a distant object on a screen using a lens. The distance between the lens and screen is approximately equal to:

- Ans
- ☒ 1. $2f$
 - ☒ 2. $f/2$
 - ☒ 3. $f/3$
 - ☒ 4. f

Question ID : 7518975372
Option 1 ID : 75189721488
Option 2 ID : 75189721486
Option 3 ID : 75189721487
Option 4 ID : 75189721485
Status : Answered
Chosen Option : 2

Q.96 An item costs ₹2,000 less than ₹5,000. The dealer offers a discount of 10% and the retailer further offers a discount of 5% on its CP. The final SP for the customer is:

- Ans
- ☒ 1. ₹2,878
 - ☒ 2. ₹1,987
 - ☒ 3. ₹2,565
 - ☒ 4. ₹3,454

Question ID : 7518975642
Option 1 ID : 75189722567
Option 2 ID : 75189722568
Option 3 ID : 75189722565
Option 4 ID : 75189722566
Status : Answered
Chosen Option : 3

Q.97

- Ans
- ☒ 1. LMPOB
 - ☒ 2. MLPOB
 - ☒ 3. LMQOB
 - ☒ 4. MLQBO

Question ID : 7518974824

Option 1 ID : 75189719293

Option 2 ID : 75189719295

Option 3 ID : 75189719294

Option 4 ID : 75189719296

Status : Answered

Chosen Option : 4

Q.98 Consider the below statements and identify the correct answer.

Statement I: Dobereiner gave the law of triads.

Statement II: Dobereiner tried to arrange the elements with different properties into groups, having three elements each.

- Ans
- ☒ 1. Only Statement II is correct.
 - ☒ 2.
- Both Statements are correct. Statement I is correct explanation of Statement II.
- ☒ 3.
- Both statements are correct. Statement II is correct explanation of Statement I.
- ☒ 4. Only Statement I is Correct.

Question ID : 7518973702

Option 1 ID : 75189714808

Option 2 ID : 75189714806

Option 3 ID : 75189714805

Option 4 ID : 75189714807

Status : Answered

Chosen Option : 3

Q.99 A, B, C, D, E and F were six friends playing games around a circular table. They were standing facing the centre of the table. E was standing to the immediate left of A. C was second to the left of F. There were exactly two people between D and A. B was at the immediate right of A. Which friend was at the immediate right of F?

- Ans
- ☒ 1. C
 - ☒ 2. A
 - ☒ 3. D
 - ☒ 4. E

Question ID : 7518974895

Option 1 ID : 75189719577

Option 2 ID : 75189719578

Option 3 ID : 75189719579

Option 4 ID : 75189719580

Status : Answered

Chosen Option : 4

Q.100 Which of the following statements is/are correct?

- (i) Magnetic field strength is strongest at the centre of a bar magnet.
- (ii) No two magnetic field lines can intersect.
- (iii) Magnetic field lines always form closed continuous curves.

Ans ✓ 1. Both (ii) and (iii)

✗ 2. Both (i) and (ii)

✗ 3. Only (i)

✗ 4. Only (ii)

Question ID : 7518975515

Option 1 ID : 75189722060

Option 2 ID : 75189722059

Option 3 ID : 75189722057

Option 4 ID : 75189722058

Status : Answered

Chosen Option : 1