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| | |
| 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.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

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

Q.2

In March 2022, which state has become the first to start 'Air Health Service' in rural areas?

Ans

1. Tamil Nadu

2. Bihar

3. Gujarat

4. Odisha

Question ID : 7518973776

Option 1 ID : 75189715101

Option 2 ID : 75189715104

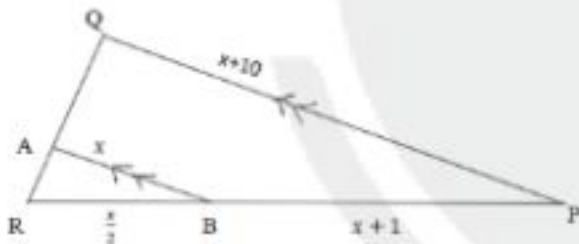
Option 3 ID : 75189715102

Option 4 ID : 75189715103

Status : Answered

Chosen Option : 1

Q.3 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. 4 units

3. 18 units

4. 12 units

Question ID : 7518975773

Option 1 ID : 75189723091

Option 2 ID : 75189723089

Option 3 ID : 75189723090

Option 4 ID : 75189723092

Status : Answered

Chosen Option : 3

Q.4 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. b
 - 2. d
 - 3. c
 - 4. a

Question ID : 7518974563
Option 1 ID : 75189718250
Option 2 ID : 75189718252
Option 3 ID : 75189718251
Option 4 ID : 75189718249
Status : Answered
Chosen Option : 3

Q.5 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.

11 : 130 :: 7 : 58 :: 15 : ?

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

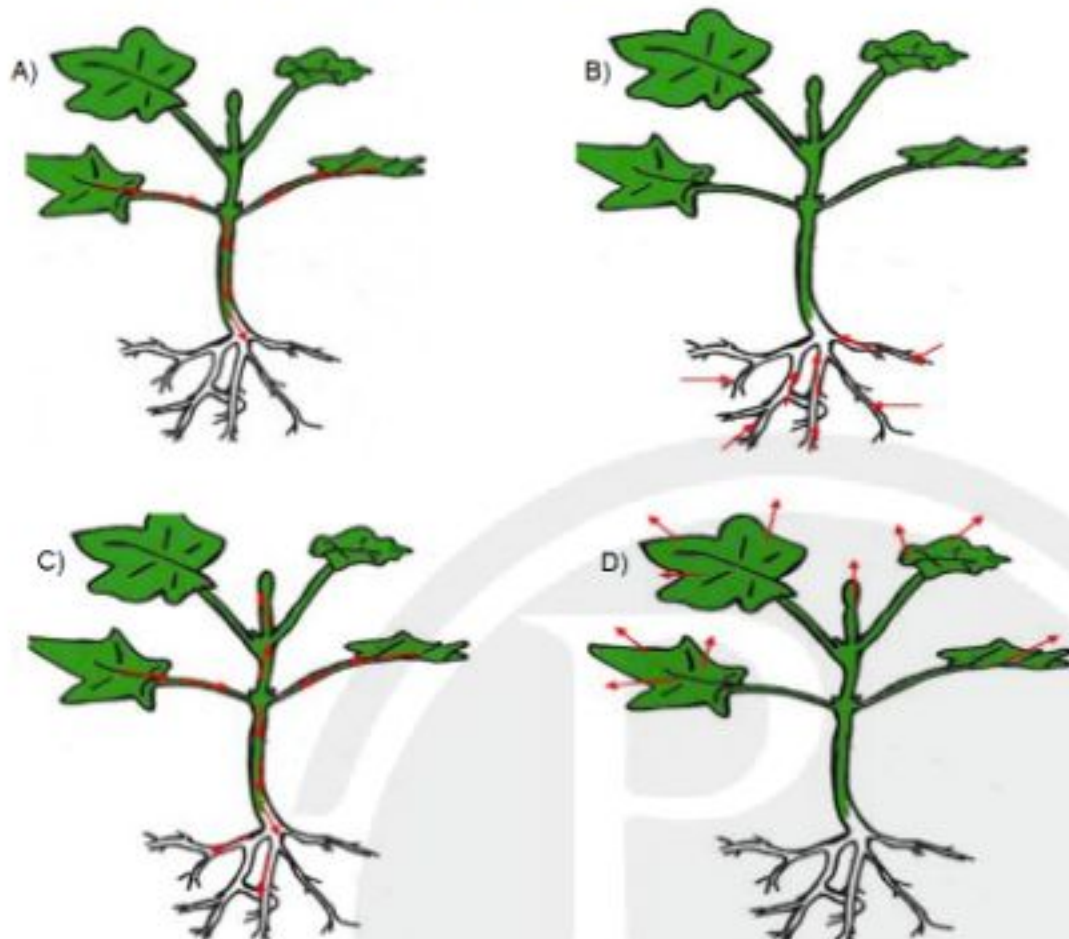
Question ID : 7518975297
Option 1 ID : 75189721185
Option 2 ID : 75189721187
Option 3 ID : 75189721188
Option 4 ID : 75189721186
Status : Answered
Chosen Option : 2

Q.6 Who among the following is considered as the founder of Islam?

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

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

Q.7 Which figure is the correct representation of the movement of food in phloem?



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

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

Q.8 What was the achievement of Dobereiner's triads?

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.9 Eight friends Kriti, Durga, Manasi, Surya, Tahira, Vritti, Ahana and Yoshita are sitting around an 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. Surya
 - 2. Ahana
 - 3. Yoshita
 - 4. Manasi

Question ID : 7518975137
Option 1 ID : 75189720547
Option 2 ID : 75189720545
Option 3 ID : 75189720548
Option 4 ID : 75189720546
Status : Answered
Chosen Option : 4

Q.10 Which of the following properties do covalent compounds generally NOT exhibit?

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

Question ID : 7518973388
Option 1 ID : 75189713551
Option 2 ID : 75189713552
Option 3 ID : 75189713549
Option 4 ID : 75189713550
Status : Answered
Chosen Option : 3

Q.11 Under which five-year plan was Bharat Nirman started by the Government of India to upgrade rural infrastructure?

- Ans**
- 1. Ninth Five Year Plan
 - 2. Tenth Five Year Plan
 - 3. Eighth Five Year Plan
 - 4. Sixth Five Year Plan

Question ID : 7518974062
Option 1 ID : 75189716247
Option 2 ID : 75189716248
Option 3 ID : 75189716246
Option 4 ID : 75189716245
Status : Not Answered
Chosen Option : --

Q.12 In a clearance sale, a suit whose marked price was ₹10,090, is now sold for ₹9,441. What is the discount per cent on the suit?

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

Question ID : 7518975638

Option 1 ID : 75189722551

Option 2 ID : 75189722552

Option 3 ID : 75189722549

Option 4 ID : 75189722550

Status : Answered

Chosen Option : 2

Q.13 A wire of a given material has length 'l' and resistance 'R'. Another wire of the same material having three times the length and twice the area of cross section will have a resistance equal to:

- Ans
- 1. $3R$
 - 2. $\frac{1}{2}R$
 - 3. $\frac{2}{3}R$
 - 4. $\frac{3}{2}R$

Question ID : 7518975470

Option 1 ID : 75189721880

Option 2 ID : 75189721879

Option 3 ID : 75189721878

Option 4 ID : 75189721877

Status : Answered

Chosen Option : 4

Q.14 $2.666\dots + 2.77\dots$ in fraction form is:

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

Question ID : 7518975575

Option 1 ID : 75189722299

Option 2 ID : 75189722300

Option 3 ID : 75189722298

Option 4 ID : 75189722297

Status : Answered

Chosen Option : 1

Q.15 Among six persons, P, Q, R, S, T and U, each one has a different weight. The weight of Q is more than only two other persons. The weight of P is more than U's weight. The weight of S is more than Q's weight. The weight of R is less than the weight of T. The weight of Q is more than the weight of T. U has the second highest weight among all the six persons. Who has the third highest weight among all six persons?

- Ans
- 1. S
 - 2. R
 - 3. P
 - 4. T

Question ID : 7518975209
Option 1 ID : 75189720834
Option 2 ID : 75189720835
Option 3 ID : 75189720833
Option 4 ID : 75189720836
Status : Answered
Chosen Option : 1

Q.16 Identify the correct chemical reaction involved in bleaching powder preparation

- Ans
- 1. $\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2 + \text{NH}_3 \rightarrow \text{NH}_4\text{Cl} + \text{NaHCO}_3$
 - 2. $2 \text{NaCl} (\text{aq}) + 2 \text{H}_2\text{O} (\text{l}) \rightarrow 2 \text{NaOH} (\text{aq}) + \text{Cl}_2 (\text{g}) + \text{H}_2 (\text{g})$
 - 3. $\text{Ca}(\text{OH})_2 + \text{Cl}_2 \rightarrow \text{CaOCl}_2 + \text{H}_2\text{O}$
 - 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 : 75189714594
Option 2 ID : 75189714596
Option 3 ID : 75189714593
Option 4 ID : 75189714595
Status : Answered
Chosen Option : 1

Q.17 The simple interest on ₹1,280 at 5% p.a. for 3 years is:

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

Question ID : 7518975613
Option 1 ID : 75189722452
Option 2 ID : 75189722451
Option 3 ID : 75189722449
Option 4 ID : 75189722450
Status : Answered
Chosen Option : 2

Q.18 Which of the following elements is the most reactive?

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

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

Q.19 How and when is oxygen produced as a waste product in plants?

- Ans
- 1. By respiration during the night
 - 2. By respiration during the day
 - 3. By photosynthesis during the day
 - 4. By photosynthesis during the night

Question ID : 7518974555
Option 1 ID : 75189718220
Option 2 ID : 75189718218
Option 3 ID : 75189718217
Option 4 ID : 75189718219
Status : Answered
Chosen Option : 4

Q.20 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. E
 - 4. D

Question ID : 7518974895
Option 1 ID : 75189719577
Option 2 ID : 75189719578
Option 3 ID : 75189719580
Option 4 ID : 75189719579
Status : Answered
Chosen Option : 3

Q.21 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.22 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. Thursday
 - 2. Saturday
 - 3. Monday
 - 4. Wednesday

Question ID : 7518974724
Option 1 ID : 75189718895
Option 2 ID : 75189718896
Option 3 ID : 75189718893
Option 4 ID : 75189718894
Status : Answered
Chosen Option : 2

Q.23 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. Conclusions II and III follow
 - 2. Only conclusion III follows
 - 3. Only conclusion I follows
 - 4. All the conclusions follow

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

Q.24 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 (a) and (c)
 - ✗ 2. Both (b) and (d)
 - ✗ 3. Both (b) and (c)
 - ✗ 4. Both (a) and (b)

Question ID : 7518975375
Option 1 ID : 75189721499
Option 2 ID : 75189721500
Option 3 ID : 75189721498
Option 4 ID : 75189721497
Status : Answered
Chosen Option : 1

Q.25 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. $2x^2 + 3x - 2 = 0$
 - ✗ 2. $2x^2 - 5x + 2 = 0$
 - ✗ 3. $2x^2 + 5x - 2 = 0$
 - ✗ 4. $2x^2 - 3x + 2 = 0$

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

Q.26 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. V W V R R M W
 - ✗ 2. V W V R S M R
 - ✗ 3. V W B V S W M
 - ✓ 4. V W B R S M W

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

Q.27 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. $Y < S$
 - ✗ 2. $T \geq F$
 - ✗ 3. $H < F$
 - ✗ 4. $W < T$

Question ID : 7518975196

Option 1 ID : 75189720781

Option 2 ID : 75189720784

Option 3 ID : 75189720782

Option 4 ID : 75189720783

Status : Answered

Chosen Option : 1

Q.28 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. CTDSATKU
 - ✗ 3. CTWWATKU
 - ✗ 4. UTDSATKC

Question ID : 7518975253

Option 1 ID : 75189721010

Option 2 ID : 75189721011

Option 3 ID : 75189721012

Option 4 ID : 75189721009

Status : Answered

Chosen Option : 4

Q.29 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-c, ii-a, iii-b
 - 2. i-c, ii-b, iii-a
 - 3. i-a, ii-b, iii-c
 - 4. i-a, ii-c, iii-b

Question ID : 7518973624
Option 1 ID : 75189714495
Option 2 ID : 75189714494
Option 3 ID : 75189714493
Option 4 ID : 75189714496
Status : Answered
Chosen Option : 1

Q.30 Which of the following is worshipped by people during the festival of Pongal?

- Ans
- 1. God Shiva
 - 2. The Sun
 - 3. Maa Durga
 - 4. The Moon

Question ID : 7518973809
Option 1 ID : 75189715235
Option 2 ID : 75189715233
Option 3 ID : 75189715236
Option 4 ID : 75189715234
Status : Answered
Chosen Option : 1

Q.31 If two parallel lines are intersected by a transversal, then which of the options below is not necessarily correct?

Ans 1. A pair of corresponding angles have the same measure.

2.

A pair of interior angles on the same side of the transversal have the same measure.

3. A pair of vertically opposite angles have the same measure.

4. A pair of alternate interior angles have the same measure.

Question ID : 7518975980

Option 1 ID : 75189723919

Option 2 ID : 75189723918

Option 3 ID : 75189723920

Option 4 ID : 75189723917

Status : Answered

Chosen Option : 2

Q.32 If '+' means '+', '-' means '+', 'X' means '-' and '-' means 'X', then what will be the value of the following expression?

$$[[(23 \times 15) - (1 + 4)] + (2 - 2)] \div 2$$

Ans 1. 8

2. 4

3. 6

4. 10

Question ID : 7518975103

Option 1 ID : 75189720411

Option 2 ID : 75189720409

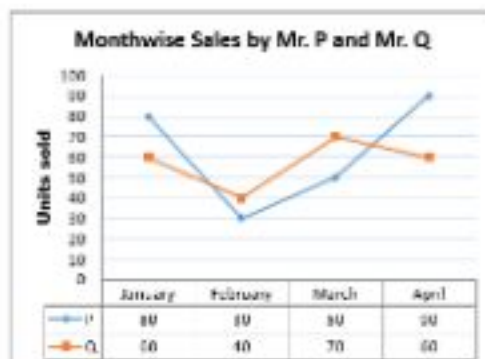
Option 3 ID : 75189720410

Option 4 ID : 75189720412

Status : Answered

Chosen Option : 2

Q.33 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. 24 : 23

3. 23 : 21

4. 25 : 23

Question ID : 7518975330

Option 1 ID : 75189721318

Option 2 ID : 75189721319

Option 3 ID : 75189721320

Option 4 ID : 75189721317

Status : Answered

Q.34 Which of the following uses spores to reproduce?

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

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

Q.35 Which of the following ministries introduced The Weapons of Mass Destruction and their Delivery Systems (Prohibition of Unlawful Activities) Amendment Bill, 2022, in the Lok Sabha on 5 April 2022?

- 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 : Answered
Chosen Option : 1

Q.36 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. One
 - 2. None
 - 3. Two
 - 4. Three

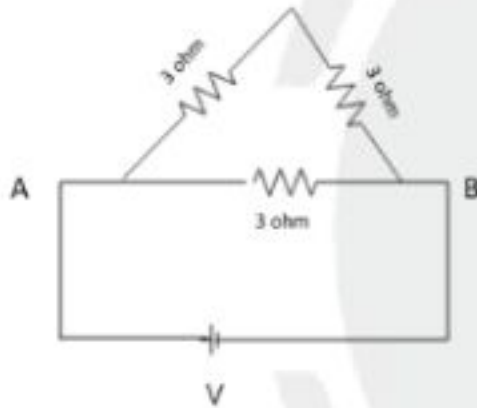
Question ID : 7518975223
Option 1 ID : 75189720890
Option 2 ID : 75189720889
Option 3 ID : 75189720891
Option 4 ID : 75189720892
Status : Answered
Chosen Option : 1

Q.37 A can count 100 eggs in 4 minutes while B can count the same number of eggs in 5 minutes. How much time will be required if they work together to count 450 eggs?

- 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.38 The equivalent resistance between points A and B shown in the figure below:



- Ans
- 1. 9Ω
 - 2. 2Ω
 - 3. 4.5Ω
 - 4. 6Ω

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

Q.39 In a certain code language, 'GLEPK' is written as 'DIBMHT' and 'QRYHN' is written as 'NOVEK'. How will 'POTER' be written in that language?

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

Question ID : 7518974824
Option 1 ID : 75189719293
Option 2 ID : 75189719295
Option 3 ID : 75189719296
Option 4 ID : 75189719294
Status : Answered
Chosen Option : 3

Q.40 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. 4
 - 3. 3
 - 4. 1

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

Q.41 Which of the following numbers will replace the question mark (?) in the given series?

0, 2, 6, 12, 20, ?

- Ans
- 1. 35
 - 2. 34
 - 3. 28
 - 4. 30

Question ID : 7518974855
Option 1 ID : 75189719418
Option 2 ID : 75189719420
Option 3 ID : 75189719419
Option 4 ID : 75189719417
Status : Answered
Chosen Option : 4

Q.42 Which of the following is NOT a possible isomer of hexane?

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

Question ID : 7518973381
Option 1 ID : 75189713522
Option 2 ID : 75189713523
Option 3 ID : 75189713521
Option 4 ID : 75189713524
Status : Answered
Chosen Option : 4

Q.43 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 and IV follow.
 - 2. Only conclusions I and IV follow.
 - 3. All conclusions follow.
 - 4. Only conclusions II, III and IV follow.

Question ID : 7518974748
Option 1 ID : 75189718989
Option 2 ID : 75189718990
Option 3 ID : 75189718992
Option 4 ID : 75189718991
Status : Answered
Chosen Option : 4

Q.44 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. V
 - 2. R
 - 3. T
 - 4. S

Question ID : 7518975153
Option 1 ID : 75189720612
Option 2 ID : 75189720609
Option 3 ID : 75189720611
Option 4 ID : 75189720610
Status : Answered
Chosen Option : 3

Q.45 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. None
 - 2. Three
 - 3. One
 - 4. Two

Question ID : 7518975225

Option 1 ID : 75189720897

Option 2 ID : 75189720900

Option 3 ID : 75189720898

Option 4 ID : 75189720899

Status : Answered

Chosen Option : 3

Q.46 Jaalvi 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.47 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. None of the conclusions follow
 - 2. Only conclusion III follows
 - 3. Only conclusion II follows
 - 4. Only conclusion I follows

Question ID : 7518974928
Option 1 ID : 75189719712
Option 2 ID : 75189719711
Option 3 ID : 75189719710
Option 4 ID : 75189719709
Status : Answered
Chosen Option : 3

Q.48 One of the roots of the equation $x^2 - 12x + k = 0$ is $x = 3$. The other root is _____.

- Ans
- 1. $x = -9$
 - 2. $x = -4$
 - 3. $x = 9$
 - 4. $x = 4$

Question ID : 7518976175
Option 1 ID : 75189724700
Option 2 ID : 75189724697
Option 3 ID : 75189724698
Option 4 ID : 75189724699
Status : Answered
Chosen Option : 3

Q.49 How many languages are there in the 8th Schedule of the Indian Constitution as on June 2022?

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

Question ID : 7518974188
Option 1 ID : 75189716750
Option 2 ID : 75189716752
Option 3 ID : 75189716749
Option 4 ID : 75189716751
Status : Answered
Chosen Option : 2

Q.50 If $9 : 12 :: 12 : x$, and $28 : 42 :: 42 : y$, then the value of $2x + y$ is:

- Ans
- 1. 69
 - 2. 79
 - 3. 95
 - 4. 84

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

Q.51 A boy focuses 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. $f/3$
 - 2. $2f$
 - 3. f
 - 4. $f/2$

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

Q.52 In January 2022, Paytm Money launched India's first intelligent messenger called _____.

- Ans
- 1. Pops
 - 2. Pay Money
 - 3. PayU
 - 4. Cops

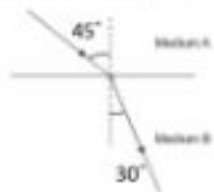
Question ID : 7518973863
Option 1 ID : 75189715450
Option 2 ID : 75189715451
Option 3 ID : 75189715452
Option 4 ID : 75189715449
Status : Answered
Chosen Option : 2

Q.53 The HCF of any set of 10 co-prime numbers is always

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

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

Q.54 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. $\frac{1}{2\sqrt{2}}$
 - 2. $2\sqrt{2}$
 - 3. $\sqrt{2}$
 - 4. $\frac{1}{\sqrt{2}}$

Question ID : 7518975405
Option 1 ID : 75189721619
Option 2 ID : 75189721620
Option 3 ID : 75189721617
Option 4 ID : 75189721618
Status : Answered
Chosen Option : 3

Q.55 Which of the following should be done to conserve coal and petroleum?

- 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 : 3

Q.56 The area (in square units) of the quadrilateral ABCD, formed by the vertices A(0, -2), B(2, 1), C(0, 4), and D(-2, 1) is:

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

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

Q.57 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. ₹15,700
 2. ₹17,500
 3. ₹35,000
 4. ₹53,000

Question ID : 7518975921
Option 1 ID : 75189723684
Option 2 ID : 75189723683
Option 3 ID : 75189723681
Option 4 ID : 75189723682
Status : Answered
Chosen Option : 3

Q.58 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. 20 years
 2. 13 years
 3. 12 years
 4. 15 years

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

Q.59 If x and y are the two digits of the number $115xy$ such that this number is divisible by 90, then the value of $x + y$ is:

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

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

Q.60 An AC generator works on the principle of:

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

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

Q.61 Some reasons highlighting the importance of delivering sex education in schools are mentioned below.

Choose the incorrect option.

- Ans
- 1. Helps to keep teenagers away from sexual abuse
 - 2. Discouraging various myths and misconceptions
 - 3. Knowing about their body changes, teenagers start making fun of each other
 - 4. Knowledge about changes taking place during puberty

Question ID : 7518974620
Option 1 ID : 75189718480
Option 2 ID : 75189718478
Option 3 ID : 75189718479
Option 4 ID : 75189718477
Status : Answered
Chosen Option : 4

Q.62 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.63 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. 84
 - 2. 91
 - 3. 77
 - 4. 98

Question ID : 7518975702

Option 1 ID : 75189722807

Option 2 ID : 75189722806

Option 3 ID : 75189722808

Option 4 ID : 75189722805

Status : Answered

Chosen Option : 4

Q.64 The value of $5^3 \times 5^4 \times 5^2 = ?$

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

Question ID : 7518975794

Option 1 ID : 75189723173

Option 2 ID : 75189723174

Option 3 ID : 75189723176

Option 4 ID : 75189723175

Status : Answered

Chosen Option : 2

Q.65 Pankaj Advani bagged his 41st title by defeating whom, to lift his 8th title at the Asian 100 UP Billiards Championship 2022?

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

Question ID : 7518973951
Option 1 ID : 75189715803
Option 2 ID : 75189715804
Option 3 ID : 75189715801
Option 4 ID : 75189715802
Status : Answered
Chosen Option : 1

Q.66 According to the 'World Economic Outlook-April 2022' report, raised India's GDP growth estimate to 9% for 2022-23 and for 2023-24 it forecast the economy to grow by 7.1%. Who released this report?

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

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

Q.67 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.68 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. 85 km/h
 - 2. 80 km/h
 - 3. 75 km/h
 - 4. 70 km/h

Question ID : 7518976111
Option 1 ID : 75189724444
Option 2 ID : 75189724441
Option 3 ID : 75189724442
Option 4 ID : 75189724443
Status : Answered
Chosen Option : 3

Q.69 India launched a commemorative logo to mark her 30th anniversary of diplomatic ties with which of these countries?

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

Question ID : 7518973789
Option 1 ID : 75189715155
Option 2 ID : 75189715156
Option 3 ID : 75189715153
Option 4 ID : 75189715154
Status : Answered
Chosen Option : 3

Q.70 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. 9 hours
 - 2. 5 hours
 - 3. 7 hours
 - 4. 2 hours

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

Q.71 Which two numbers should be interchanged to make the given equation correct?

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

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

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

Q.72 The value of $\sqrt{\frac{1-\cos\theta}{1+\cos\theta}}$ is:

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

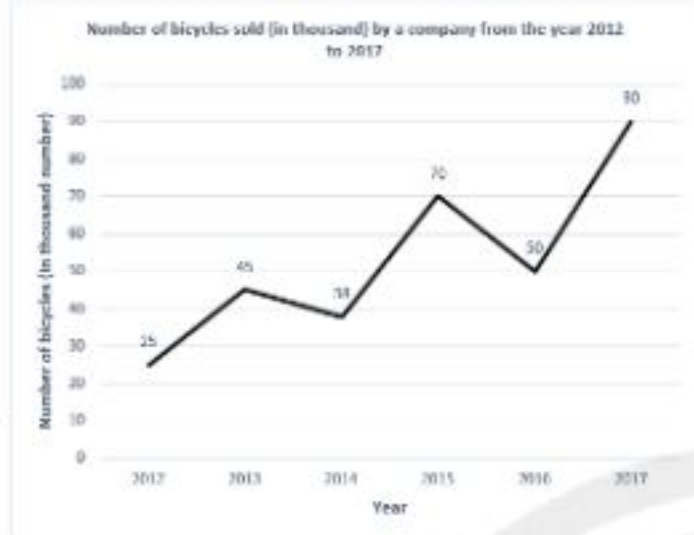
Question ID : 7518975999
Option 1 ID : 75189723994
Option 2 ID : 75189723993
Option 3 ID : 75189723995
Option 4 ID : 75189723996
Status : Answered
Chosen Option : 2

Q.73 In how many states was the first round of Mission Indradhanush (IMI) 4.0 organized by the Union Ministry of Health and Family Welfare in February 2022, with an aim to increase full immunisation coverage?

- Ans
- 1. 16
 - 2. 14
 - 3. 11
 - 4. 8

Question ID : 7518973972
Option 1 ID : 75189715888
Option 2 ID : 75189715887
Option 3 ID : 75189715886
Option 4 ID : 75189715885
Status : Answered
Chosen Option : 4

Q.74 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. 50%
 - 2. 10%
 - 3. 45%
 - 4. 100%

Question ID : 7518975116
Option 1 ID : 75189720463
Option 2 ID : 75189720462
Option 3 ID : 75189720464
Option 4 ID : 75189720461
Status : Answered
Chosen Option : 1

Q.75 The value of $0.0486 \div 0.002 =$

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

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

Q.76 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

Q.77 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.

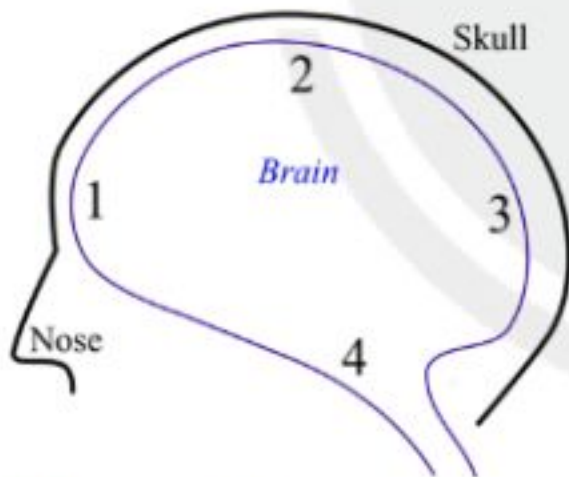
Assumptions:

- 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. Neither assumption I nor II is implicit
 - ✗ 2. Only assumption II is implicit
 - ✗ 3. Both assumptions I and II are implicit
 - ✗ 4. Only assumption I is implicit

Question ID : 7518976410
Option 1 ID : 75189725639
Option 2 ID : 75189725638
Option 3 ID : 75189725640
Option 4 ID : 75189725637
Status : Answered
Chosen Option : 2

Q.78 Which of the following numbers indicates the spinal cord's location in the human brain?



- Ans
- ✓ 1. Number 4
 - ✗ 2. Number 1
 - ✗ 3. Number 3
 - ✗ 4. Number 2

Question ID : 7518974368
Option 1 ID : 75189717472
Option 2 ID : 75189717469
Option 3 ID : 75189717471
Option 4 ID : 75189717470
Status : Answered
Chosen Option : 1

Q.79 Which of the following is NOT included in the financial budget of India?

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

Question ID : 7518974239
Option 1 ID : 75189716956
Option 2 ID : 75189716955
Option 3 ID : 75189716954
Option 4 ID : 75189716953
Status : Answered
Chosen Option : 3

Q.80 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. GOVZP
 - 2. XPVRM
 - 3. XOVMZ
 - 4. XOWZM

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

Q.81 Identify the long jumper of India who won a silver medal at the U-20 World Athletics Championships in the year 2021.

- Ans
- 1. Mercy Kuttan
 - 2. Shaili Singh
 - 3. Nayana James
 - 4. Seema Punia

Question ID : 7518976458
Option 1 ID : 75189725829
Option 2 ID : 75189725830
Option 3 ID : 75189725831
Option 4 ID : 75189725832
Status : Answered
Chosen Option : 4

Q.82 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.

Both statements are correct. Statement II is correct explanation of Statement I.

2. Only Statement I is Correct.

3.

Both Statements are correct. Statement I is correct explanation of Statement II.

4. Only Statement II is correct.

Question ID : 7518973702
Option 1 ID : 75189714805
Option 2 ID : 75189714807
Option 3 ID : 75189714806
Option 4 ID : 75189714808
Status : Answered
Chosen Option : 1

Q.83 Which of the following is NOT a biotic component of the ecosystem?

Ans 1. Frog

2. Flower

3. Insect

4. Soil

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

Q.84 According to the Economic Survey 2021-22, what is the rank of India (Globally) in average annual net gain in forest area?

Ans 1. 4th

2. 1st

3. 3rd

4. 2nd

Question ID : 7518973902
Option 1 ID : 75189715608
Option 2 ID : 75189715605
Option 3 ID : 75189715607
Option 4 ID : 75189715606
Status : Not Answered
Chosen Option : --

Q.85 Which social reformer founded the 'Brahmo Samaj' in 1825 and became famous for his pioneering role in advocating education and opposing practices like Sati, child marriage and social division?

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

Question ID : 7518973996
Option 1 ID : 75189715984
Option 2 ID : 75189715983
Option 3 ID : 75189715981
Option 4 ID : 75189715982
Status : Answered
Chosen Option : 4

Q.86 Which of the following falls under Article 51A of the Indian Constitution?

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

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

Q.87 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. 6.9
 - 2. 6.8
 - 3. 6.6
 - 4. 6.7

Question ID : 7518976311
Option 1 ID : 75189725244
Option 2 ID : 75189725241
Option 3 ID : 75189725242
Option 4 ID : 75189725243
Status : Not Answered
Chosen Option : --

Q.88 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. 77
 - ✗ 3. 48
 - ✗ 4. 92

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

Q.89 1 horsepower equals:

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

Question ID : 7518975496
Option 1 ID : 75189721981
Option 2 ID : 75189721983
Option 3 ID : 75189721984
Option 4 ID : 75189721982
Status : Answered
Chosen Option : 4

Q.90 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. Only (ii)
 - ✗ 2. Both (i) and (ii)
 - ✓ 3. Both (ii) and (iii)
 - ✗ 4. Only (i)

Question ID : 7518975515
Option 1 ID : 75189722058
Option 2 ID : 75189722059
Option 3 ID : 75189722060
Option 4 ID : 75189722057
Status : Answered
Chosen Option : 3

Q.91 Which of the following numbers will replace the question mark (?) in the given series?

5, 13, 23, 49, ?, 193

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

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

Q.92 The original Constitution of 1950 envisaged a Supreme Court with a Chief Justice and _____ puisne Judges - leaving it to Parliament to increase this number.

- Ans
- ✓ 1. 7
 - ✗ 2. 14
 - ✗ 3. 11
 - ✗ 4. 17

Question ID : 7518973931
Option 1 ID : 75189715722
Option 2 ID : 75189715723
Option 3 ID : 75189715721
Option 4 ID : 75189715724
Status : Answered
Chosen Option : 1

Q.93 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. 70
 - ✗ 3. 65
 - ✓ 4. 91

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

Q.94 30 people are standing in a queue facing north. Manoj is standing at the 11th position from the front. Shashin is standing at the 7th position from the back. Neeraj is standing exactly in front of Shashin. How many people are standing between Neeraj and Manoj?

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

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

Q.95 If '+' means '-', '-' means '+', '*' means '/' and '/' means '*', what will come in place of the question mark (?) in the following equation?

$$12 + 6 - 28 - 7 = 14 - ?$$

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

Question ID : 7518975321
Option 1 ID : 75189721283
Option 2 ID : 75189721281
Option 3 ID : 75189721282
Option 4 ID : 75189721284
Status : Answered
Chosen Option : 3

Q.96 Which of the following places is a harnessing site for geothermal energy in India?

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

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

Q.97 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. Real and enlarged
 - 2. Virtual and enlarged
 - 3. Real and diminished
 - 4. Virtual and highly diminished

Question ID : 7518975407
Option 1 ID : 75189721625
Option 2 ID : 75189721627
Option 3 ID : 75189721626
Option 4 ID : 75189721628
Status : Answered
Chosen Option : 1

Q.98 In India, Mangrove Forests are majorly found in which of the following states?

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

Question ID : 7518974280
Option 1 ID : 75189717120
Option 2 ID : 75189717118
Option 3 ID : 75189717117
Option 4 ID : 75189717119
Status : Answered
Chosen Option : 1

Q.99 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. (2, 26, 3)
 - 2. (5, 112, 11)
 - 3. (7, 128, 10)
 - 4. (4, 33, 7)

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

Q.100 Find the area of a triangle whose sides are 12 m, 14 m and 16 m.

- Ans
- 1. $2\sqrt{15} m^2$
 - 2. $21\sqrt{15} m^2$
 - 3. $7\sqrt{15} m^2$
 - 4. $\sqrt{15} m^2$

Question ID : 7518975746
Option 1 ID : 75189722982
Option 2 ID : 75189722981
Option 3 ID : 75189722983
Option 4 ID : 75189722984
Status : Answered
Chosen Option : 2

