



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

Participant ID:	
Participants Name:	XXXXXXXXXX
Test Center Name:	XXXXXX Institute of Technology
Test Date:	08/10/2018
Test Time:	4:00 PM - 5:30 PM
Subject:	Level 1

- Options shown in green color with a tick icon are correct
- Chosen option on top right of the question indicates the option selected by the candidate
- The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Q.1 In which Indian city was the G-20 Leaders Economic Summit held in March 2017?

- Ans
- ☒ 1. Bengaluru
 - ☒ 2. Mumbai
 - ☒ 3. Hyderabad
 - ☒ 4. Varanasi

Question ID : 6913523300
 Option 1 ID : 69135213200
 Option 2 ID : 69135213199
 Option 3 ID : 69135213197
 Option 4 ID : 69135213198
 Status : Not Answered
 Chosen Option : --

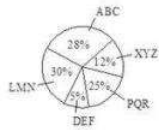
Q.2 What is the greatest four-digit number that is exactly divisible by 49?

- Ans
- ☒ 1. 9992
 - ☒ 2. 9996
 - ☒ 3. 9994
 - ☒ 4. 9998

Question ID : 6913523206
 Option 1 ID : 69135212821
 Option 2 ID : 69135212823
 Option 3 ID : 69135212822
 Option 4 ID : 69135212824
 Status : Answered
 Chosen Option : 2

Q.3

The data given below shows information about the mobile phone manufacturing companies in India. If the total mobile phones manufactured are 12,40,000.



How many units of mobile phones are manufactured by company "XYZ"?

- Ans
- ☒ 1. 57,600
 - ☒ 2. 28,800
 - ☒ 3. 1,48,800
 - ☒ 4. 7,200

Question ID : 6913523241

Option 1 ID : 69135212964

Option 2 ID : 69135212963

Option 3 ID : 69135212962

Option 4 ID : 69135212961

Status : Answered

Chosen Option : 3

Q.4 Satish puts 5 yellow and 3 blue balls in a closed box. His brother Manish picks two balls at random.

Calculate the probability that balls picked are of the same colour.

- Ans
- ☒ 1. $\frac{11}{23}$
 - ☒ 2. $\frac{13}{28}$
 - ☒ 3. $\frac{15}{23}$
 - ☒ 4. $\frac{15}{28}$

Question ID : 6913523239

Option 1 ID : 69135212953

Option 2 ID : 69135212955

Option 3 ID : 69135212956

Option 4 ID : 69135212954

Status : Answered

Chosen Option : 2

Q.5 Annamayya was a poet/singer of medieval times belonged to which present Indian state?

- Ans
- ☒ 1. West Bengal
 - ☒ 2. Gujarat
 - ☒ 3. Andhra Pradesh
 - ☒ 4. Tamilnadu

Question ID : 6913523286

Option 1 ID : 69135213142

Option 2 ID : 69135213144

Option 3 ID : 69135213143

Option 4 ID : 69135213141

Status : **Not Answered**
Chosen Option : --

Q.6 Which of the following develops into future shoot during germination of a seed?

- Ans
- ☐ 1. Cotyledons
 - ☐ 2. Radicle
 - ☐ 3. Zygote
 - ☒ 4. Plumule

Question ID : 6913523280
Option 1 ID : 69135213120
Option 2 ID : 69135213119
Option 3 ID : 69135213117
Option 4 ID : 69135213118
Status : **Answered**
Chosen Option : 3

Q.7 Who among the following was conferred with the Padma Shri award in the field of Art-Cinema, in 2018?

- Ans
- ☐ 1. Shabana Azmi
 - ☐ 2. Udit Narayan
 - ☐ 3. Anupam Kher
 - ☒ 4. Sisir Purushottam Mishra

Question ID : 6913523285
Option 1 ID : 69135213140
Option 2 ID : 69135213139
Option 3 ID : 69135213137
Option 4 ID : 69135213138
Status : **Answered**
Chosen Option : 3

Q.8 In each question below is given a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Statement : "The best things in life are free", says a philosopher to the people.

Assumptions:





- I. A smile or laughter that bonds people costs nothing.
- II. The giving of love costs nothing but is worth everything.

- Ans
- ☐ 1. Only assumption II is implicit
 - ☒ 2. Both I and II are implicit.
 - ☐ 3. Neither I nor II is implicit
 - ☐ 4. Only assumption I is implicit

Question ID : 6913523233
Option 1 ID : 69135212930
Option 2 ID : 69135212932
Option 3 ID : 69135212931
Option 4 ID : 69135212929
Status : **Answered**

Chosen Option : 2

Q.9 A rectangular Aluminum sheet with dimensions $22\text{ m} \times 10\text{ m}$ is rolled into a cylinder so that the smaller side becomes the height of the cylinder. What is the volume of the cylinder formed?

- Ans  1. 385 cu m
 2. 370 cu m
 3. 375 cu m
 4. 380 cu m

Question ID : 6913523220

Option 1 ID : 69135212877

Option 2 ID : 69135212880





Option 3 ID : 69135212879

Option 4 ID : 69135212878

Status : Answered

Chosen Option : 1

Q.1
0 What is the fraction which, when taken away from $\frac{3}{4}$, gives $\frac{2}{5}$?

- Ans  1. $\frac{7}{20}$
 2. $-\frac{1}{1}$
 3. $\frac{1}{20}$
 4. $\frac{3}{10}$

Question ID : 6913523201

Option 1 ID : 69135212802

Option 2 ID : 69135212801





Option 3 ID : 69135212804

Option 4 ID : 69135212803

Status : Answered

Chosen Option : 1

Q.1
1 $\frac{(\cos 60^\circ + \sin 60^\circ)}{(\cos 60^\circ - \sin 60^\circ)} = ?$

- Ans  1. $(\sqrt{3} - 2)$
 2. $-(\sqrt{3} + 2)$
 3. -1
 4. $-\frac{\sqrt{3}}{2}$

Question ID : 6913523224

Option 1 ID : 69135212895

Option 2 ID : 69135212894

Option 3 ID : 69135212896

Option 4 ID : 69135212893

Status : Answered

Chosen Option : 2

Q.1
2 Amphibians and most reptiles have:

- Ans
- ☒ 1. four- chambered heart
 - ☒ 2. two- chambered heart
 - ☒ 3. three- chambered heart
 - ☒ 4. one- chambered heart

Question ID : 6913523278

Option 1 ID : 69135213111

Option 2 ID : 69135213110

Option 3 ID : 69135213109

Option 4 ID : 69135213112

Status : Not Answered

Chosen Option : --

Q.1
3 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statement:

A local school calls for interview and publishes an advertisement in the local newspaper as "Trained teachers with minimum 3 years of experience may apply"

Conclusions:

- I. Only trained teachers can handle the class better
- II. Candidates with less than one year of teaching experience are not eligible to apply

- Ans
- ☒ 1. Both the conclusions follow
 - ☒ 2. No conclusion follows
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Only conclusion II follows

Question ID : 6913523235

Option 1 ID : 69135212940

Option 2 ID : 69135212939

Option 3 ID : 69135212937

Option 4 ID : 69135212938

Status : Answered

Chosen Option : 4

Q.1
4 The sum of a number and its reciprocal is -12. What would be the sum of cubes of the two (the number and its reciprocal)?

- Ans
- ☒ 1. -1764
 - ☒ 2. -1728
 - ☒ 3. -1681
 - ☒ 4. -1692

Question ID : 6913523208

Option 1 ID : 69135212829

Option 2 ID : 69135212830

Option 3 ID : 69135212832

Option 4 ID : 69135212831

Status : Answered

Chosen Option : 4

Q.1 Read the given statement and course of action carefully and select which of the course of action logically follow(s) from the statement.

5

Statements:

According IMD report, there can be heavy rain in T.N due to a depression in the Bay of Bengal

Course of action:

1. IMD should be rewarded for timely warning
2. The government should give clear warning through media that fisher men should not go into the sea for fishing

Ans

- ☒ 1. Only 1 follows
- ☒ 2. Only 2 follows
- ☒ 3. Both 1 and 2 follows
- ☒ 4. Neither 1 nor 2 follows

Question ID : 6913523232

Option 1 ID : 69135212925

Option 2 ID : 69135212926

Option 3 ID : 69135212927

Option 4 ID : 69135212928

Status : Answered

Chosen Option : 2

Q.1 _____ are called the amphibians of the plant kingdom.

6

Ans

- ☒ 1. Pteridophyta
- ☒ 2. Angiosperms
- ☒ 3. Bryophyta
- ☒ 4. Thallophyta

Question ID : 6913523277

Option 1 ID : 69135213107

Option 2 ID : 69135213108

Option 3 ID : 69135213106

Option 4 ID : 69135213105

Status : Not Answered

Chosen Option : --

Q.1 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

7

Statements:

I. All cakes are sweets.


II. All sweets are baked.

Conclusions:

1. All cakes are baked.
2. Some baked are sweets.

Ans

- ☒ 1. Both 1 and 2 follows.
- ☒ 2. Neither 1 nor 2 follows.
- ☒ 3. Conclusion 2 alone follows.

 4. Conclusion 1 alone follows.

Question ID : 6913523229

Option 1 ID : 69135212914

Option 2 ID : 69135212916

Option 3 ID : 69135212915

Option 4 ID : 69135212913

Status : Answered

Chosen Option : 1

Q.1 If α, β are the roots of the equation $ax^2 + 3x + 2 = 0 (a < 0)$,

then the value of $\frac{\alpha^2}{\beta} + \frac{\beta^2}{\alpha}$ is = ?

Ans 1. $\frac{45}{16}$

2. $\frac{43}{16}$

3. $\frac{45}{32}$

4. $\frac{43}{32}$

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID : 6913523223

Option 1 ID : 69135212891

Option 2 ID : 69135212892

Option 3 ID : 69135212889

Option 4 ID : 69135212890

Status : Not Answered

Chosen Option : --


Q.1 Jignesh had to cover a certain distance in a certain duration of time. He travelled at 80 % of the average speed required

9 for 60 % of the time. For the remaining 40% of the time he needed to travel at _____ % of the average speed required.

Ans  1. 115

 2. 130

 3. 125

 4. 120

Question ID : 6913523214

Option 1 ID : 69135212853

Option 2 ID : 69135212856

Option 3 ID : 69135212855

Option 4 ID : 69135212854

Status : Answered

Chosen Option : 2

Q.2 A car falls off a ledge and drops to the ground in 0.8 s. What is its speed on striking the ground? Given $g=10\text{ms}^{-2}$

Ans  1. 8ms^{-1}

- ☒ 2. 8ms^2
- ☒ 3. 8ms^{-2}
- ☒ 4. 8ms^1

Question ID : 6913523258
 Option 1 ID : 69135213030
 Option 2 ID : 69135213031
 Option 3 ID : 69135213029
 Option 4 ID : 69135213032
 Status : Answered
 Chosen Option : 1

Q.2 With which country, has the Union Cabinet approved MoU in the field of Health & Medical Science?
 1

- Ans ☒ 1. Germany
- ☒ 2. Israel
- ☒ 3. Burma
- ☒ 4. Jordan

Question ID : 6913523292
 Option 1 ID : 69135213165
 Option 2 ID : 69135213166
 Option 3 ID : 69135213167
 Option 4 ID : 69135213168
 Status : Not Answered
 Chosen Option : --

Q.2 The atomic number of lanthanum is:
 2

- Ans ☒ 1. 56
- ☒ 2. 58
- ☒ 3. 55
- ☒ 4. 57

Question ID : 6913523275
 Option 1 ID : 69135213098
 Option 2 ID : 69135213100
 Option 3 ID : 69135213097
 Option 4 ID : 69135213099
 Status : Not Answered
 Chosen Option : --

Q.2 Find the number of triangles in the following figure:
 3



- Ans ☒ 1. 8
- ☒ 2. 6
- ☒ 3. 5

 4. 7

Question ID : 6913523250
 Option 1 ID : 69135213000
 Option 2 ID : 69135212998
 Option 3 ID : 69135212997
 Option 4 ID : 69135212999

Status : Answered

Chosen Option : 1





Q.2 Which of the following statements is/are true?

4

A. **Rigidity**: Mass per unit volume of a substance/matter is known as its rigidity.

B. **Fluidity**: It is the kind of energy present in an object when it is under motion as the particles of that object/matter are continuously moving, which is why matter has kinetic energy.

Ans

-  1. Only A is true
 2. A and B are both true
 3. Only B is true
 4. A and B are both false

Question ID : 6913523269
 Option 1 ID : 69135213073
 Option 2 ID : 69135213075
 Option 3 ID : 69135213074
 Option 4 ID : 69135213076





Status : Answered

Chosen Option : 2

Q.2 _____ has six carbon atoms and six hydrogen atoms.

5

Ans

-  1. Propene
 2. Chloropropane
 3. Propyne
 4. Benzene

Question ID : 6913523273
 Option 1 ID : 69135213089
 Option 2 ID : 69135213092
 Option 3 ID : 69135213091
 Option 4 ID : 69135213090




Status : Answered

Chosen Option : 4

Q.2 Gautama Buddha delivered his first sermon at _____.

6

Ans

-  1. Patliputra
 2. Kapilavastu
 3. Bodh Gaya

✓ 4. Sarnath

Question ID : 6913523295

Option 1 ID : 69135213179

Option 2 ID : 69135213180

Option 3 ID : 69135213177

Option 4 ID : 69135213178

Status : Answered

Chosen Option : 3

Q.2
7 Name the world's most prestigious English-language literary award.

- Ans
- ✗ 1. Best Translated Book Award
 - ✗ 2. Common Wealth Writer's Prize
 - ✓ 3. Man Booker Prize
 - ✗ 4. Booker Prize

Question ID : 6913523284

Option 1 ID : 69135213133

Option 2 ID : 69135213135

Option 3 ID : 69135213134

Option 4 ID : 69135213136

Status : Answered

Chosen Option : 3

Q.2
8 Our body has many organs.

Which of the following organs is the largest?

- Ans
- ✗ 1. The brain
 - ✗ 2. The stomach
 - ✗ 3. The kidneys
 - ✓ 4. The skin

Question ID : 6913523298

Option 1 ID : 69135213189

Option 2 ID : 69135213192

Option 3 ID : 69135213191

Option 4 ID : 69135213190

Status : Answered

Chosen Option : 4

Q.2
9 Express $0.09\overline{87}$ as a vulgar fraction in its lowest form.

- Ans
- ✗ 1. $\frac{163}{1650}$
 - ✗ 2. $\frac{329}{9990}$
 - ✗ 3. $\frac{163}{1665}$
 - ✓ 4. $\frac{326}{3300}$

Question ID : 6913523207
Option 1 ID : 69135212828
Option 2 ID : 69135212825
Option 3 ID : 69135212827
Option 4 ID : 69135212826
Status : Answered
Chosen Option : 1

Q.3 Given below is a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Statement: You are here by appointed as a trainee on a probation for six months and your performance will be reviewed after that for confirmation.

Assumptions:

- I. Before training period, the performance of the individual cannot be assessed fully for a particular job.
- II. Trainees try to learn well for confirmation into the job.

- Ans
- ☒ 1. Only assumption I is implicit
 - ☒ 2. Only assumption II is implicit
 - ☒ 3. Neither I nor II is implicit
 - ☒ 4. Both I and II are implicit.

Question ID : 6913523234
Option 1 ID : 69135212933
Option 2 ID : 69135212934
Option 3 ID : 69135212935
Option 4 ID : 69135212936
Status : Answered
Chosen Option : 4

Q.3 Which of the following sports is Shivsankar Prasad Chaurasia related to?

- Ans
- ☒ 1. Archery
 - ☒ 2. Golf
 - ☒ 3. Football
 - ☒ 4. Table tennis

Question ID : 6913523283
Option 1 ID : 69135213131
Option 2 ID : 69135213129
Option 3 ID : 69135213130
Option 4 ID : 69135213132
Status : Answered
Chosen Option : 1

Q.3 Aishwarya oil field is located in ____.

- Ans
- ☒ 1. Madhya Pradesh
 - ☒ 2. Uttar Pradesh
 - ☒ 3. Assam
 - ☒ 4. Rajasthan

Question ID : 6913523296

Option 1 ID : 69135213181

Option 2 ID : 69135213182

Option 3 ID : 69135213183

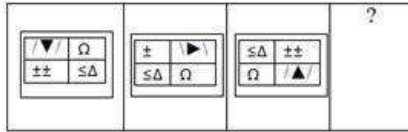
Option 4 ID : 69135213184

Status : Not Answered

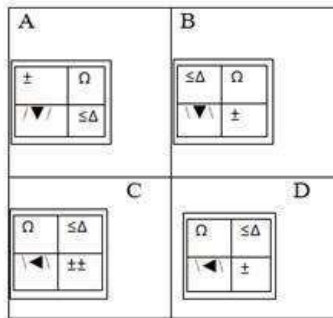
Chosen Option : --

Q.3
3 Which of the option figures should come next in the series of question figures?

Question Figures:



Option Figures:



Ans ✓ 1. D

✗ 2. C

✗ 3. B

✗ 4. A

Question ID : 6913523249

Option 1 ID : 69135212996

Option 2 ID : 69135212995

Option 3 ID : 69135212994

Option 4 ID : 69135212993

Status : Answered

Chosen Option : 1

Q.3
4 One atomic mass unit (amu) is equal to:

Ans ✓ 1. 1.6×10^{-27} kg✗ 2. 16×10^{-27} kg✗ 3. 0.16×10^{27} kg✗ 4. 1.6×10^{27} kg

Question ID : 6913523267

Option 1 ID : 69135213066

Option 2 ID : 69135213065

Option 3 ID : 69135213068
Option 4 ID : 69135213067
Status : Answered
Chosen Option : 1

Q.3
5 Which of the following is NOT an electronic configuration of a metal?

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

Question ID : 6913523274
Option 1 ID : 69135213094
Option 2 ID : 69135213093
Option 3 ID : 69135213095
Option 4 ID : 69135213096
Status : Not Answered
Chosen Option : --

Q.3
6 In 55 years, Kim will be 12 times as old as she is right now. What is her current age?

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

Question ID : 6913523216
Option 1 ID : 69135212861
Option 2 ID : 69135212864
Option 3 ID : 69135212863
Option 4 ID : 69135212862
Status : Answered
Chosen Option : 4

Q.3
7 _____ is probably the largest group of animals.

- Ans
- ☒ 1. Mollusca
 - ☒ 2. Nematoda
 - ☒ 3. Coelenterata
 - ☒ 4. Arthropoda

Question ID : 6913523276
Option 1 ID : 69135213101
Option 2 ID : 69135213102
Option 3 ID : 69135213103
Option 4 ID : 69135213104
Status : Not Answered
Chosen Option : --

Q.3 Which of the following is a physical change?

8

Ans

- ☐ 1. Milk is set into curd
- ☐ 2. Respiration in man
- ☐ 3. Digestion in man
- ☒ 4. Water changes into ice

Question ID : 6913523270

Option 1 ID : 69135213077

Option 2 ID : 69135213078

Option 3 ID : 69135213080

Option 4 ID : 69135213079

Status : Answered

Chosen Option : 4

Q.3 An object travels 20 m in 6 s and then another 30 m in 4 s. What is the average speed of the object?

9

Ans

- ☐ 1. 6 ms^{-1}
- ☐ 2. 6 ms^1
- ☒ 3. 5 ms^{-1}
- ☐ 4. 5 ms^1

Question ID : 6913523257

Option 1 ID : 69135213028

Option 2 ID : 69135213027

Option 3 ID : 69135213026

Option 4 ID : 69135213025

Status : Answered

Chosen Option : 3

Q.4 Which of the two conclusions can be concluded on the basis of given statements?

0

Statement: All the onions are corns. All the corns are seeds.

Conclusions:

- 1. All the Onions are Seeds.
- 2. Some Seeds are Onions.

Ans

- ☐ 1. Only (2) follows
- ☒ 2. Both (1) and (2) follows
- ☐ 3. Only (1) follows
- ☐ 4. Either (1) or (2) follows

Question ID : 6913523231

Option 1 ID : 69135212922

Option 2 ID : 69135212923

Option 3 ID : 69135212921

Option 4 ID : 69135212924

Status : Answered

Chosen Option : 2

Q.4
1 In _____ allotrope, carbon atoms are arranged in the shape of a football.

- Ans
- ☒ 1. C-50
 - ☒ 2. C-30
 - ☒ 3. C-40
 - ☒ 4. C-60

Question ID : 6913523272

Option 1 ID : 69135213085

Option 2 ID : 69135213088

Option 3 ID : 69135213087

Option 4 ID : 69135213086

Status : Not Answered

Chosen Option : --

Q.4
2 In a computer game a builder can build a wall in 12 hours while a destroyer can demolish such a wall completely in 20 hours. Both the builder and the destroyer were initially set to work together on level ground. But after 12 hours the destroyer was taken out. What was the total time taken to build the wall?

- Ans
- ☒ 1. 19 hours 24 mins
 - ☒ 2. 19 hours 12 mins
 - ☒ 3. 19 hours 2 mins
 - ☒ 4. 19 hours 20 mins

Question ID : 6913523213

Option 1 ID : 69135212851

Option 2 ID : 69135212850

Option 3 ID : 69135212852

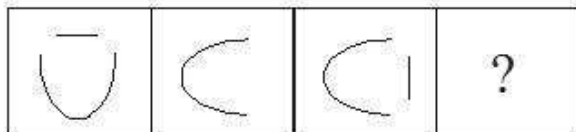
Option 4 ID : 69135212849

Status : Answered

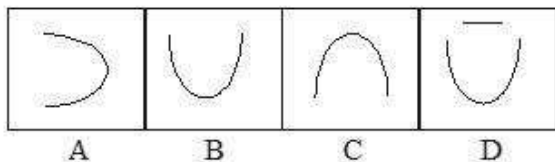
Chosen Option : 2

Q.4
3 Pick the figure that will complete the given series.

Problem figures



Answer figures



- Ans
- ☒ 1. A
 - ☒ 2. B
 - ☒ 3. D

 4. C

Question ID : 6913523244
 Option 1 ID : 69135212973
 Option 2 ID : 69135212974
 Option 3 ID : 69135212976
 Option 4 ID : 69135212975
 Status : Answered
 Chosen Option : 4

Q.4
4 Find the value of x.





$$\frac{484}{4.84} = \frac{48.4}{x}$$

- Ans  1. 4.84
 2. 0.00484
 3. 0.0484
 4. 0.484

Question ID : 6913523203
 Option 1 ID : 69135212812
 Option 2 ID : 69135212810
 Option 3 ID : 69135212809
 Option 4 ID : 69135212811
 Status : Answered
 Chosen Option : 4

Q.4
5 Select the term that relates to the third term in the same way that the second term relates to the first term.

Chair : Furniture :: Shirt : ?

- Ans  1. Garment
 2. Drapery
 3. Insect
 4. Crockery

Question ID : 6913523226
 Option 1 ID : 69135212902
 Option 2 ID : 69135212904
 Option 3 ID : 69135212903
 Option 4 ID : 69135212901
 Status : Answered
 Chosen Option : 1

Q.4
6 Select the option that is related to the third word on the same basis as the second word is related to the first word.

Ponder : Consider :: Pinnacle : ?

- Ans  1. Tackle
 2. Peak
 3. Low
 4. Valley

Question ID : 6913523230
Option 1 ID : 69135212919
Option 2 ID : 69135212918
Option 3 ID : 69135212920
Option 4 ID : 69135212917
Status : Not Answered
Chosen Option : --

Q.4 Subtract 64.37 from 1000.03 and add the resultant to the sum of 3.4 and 7.56. The final value will be:

7

- Ans  1. 944.62
 2. 946.62
 3. 945.62
 4. 948.62


Question ID : 6913523204
Option 1 ID : 69135212813
Option 2 ID : 69135212814
Option 3 ID : 69135212815
Option 4 ID : 69135212816
Status : Answered
Chosen Option : 2

Q.4 Ramraj is wearing a watch. At 6 : 00 for instance, if the hour needle points towards west, then in which direction
8 minutes hand was pointing out?

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

Question ID : 6913523254
Option 1 ID : 69135213016
Option 2 ID : 69135213014
Option 3 ID : 69135213015
Option 4 ID : 69135213013
Status : Answered
Chosen Option : 4

Q.4 As of 2018, who is the Union Minister for Roads, Transport and Highways in India?
9

- Ans  1. Yudhvir Singh Malik
 2. Mansukh L. Mandaviya
 3. Nitin Gadkari
 4. Suravaram Sudhakar Reddy

Question ID : 6913523290
Option 1 ID : 69135213158
Option 2 ID : 69135213159
Option 3 ID : 69135213160
Option 4 ID : 69135213157
Status : Answered
Chosen Option : 3

Q.5 Which of the following observations helps us to determine whether a chemical reaction has taken place?

0

- Ans
- ☒ 1. Change in colour
 - ☒ 2. Change in state
 - ☒ 3. Evolution of gas
 - ☒ 4. All of the given options

Question ID : 6913523271

Option 1 ID : 69135213082

Option 2 ID : 69135213081

Option 3 ID : 69135213083

Option 4 ID : 69135213084

Status : Answered

Chosen Option : 4

Q.5 The work done by an object is 56 J and the force exerted on it is 7 N. Find the displacement.

1

- Ans
- ☒ 1. 8 m
 - ☒ 2. 80 m
 - ☒ 3. 80 ms^{-1}
 - ☒ 4. 80 ms^1

Question ID : 6913523260

Option 1 ID : 69135213038

Option 2 ID : 69135213037

Option 3 ID : 69135213040

Option 4 ID : 69135213039

Status : Answered

Chosen Option : 1

Q.5 How much current will an electric bulb draw from a 220 V source if the resistance of the bulb filament is 1200Ω ?

2

- Ans
- ☒ 1. 18 A
 - ☒ 2. 0.018 A
 - ☒ 3. 1.8 A
 - ☒ 4. 0.18 A

Question ID : 6913523266

Option 1 ID : 69135213061

Option 2 ID : 69135213064

Option 3 ID : 69135213062

Option 4 ID : 69135213063

Status : Answered

Chosen Option : 4

Q.5 A bullet, of mass 40 g, is horizontally fired with a velocity 180 ms^{-1} from a pistol of mass 3 kg. What is the recoil velocity of the pistol?

3

- Ans
- ☒ 1. -3.0 ms^{-1}
 - ☒ 2. -2.4 ms^{-1}

☒ 3. -1.8ms^{-1}

☒ 4. -1.25ms^{-1}

Question ID : 6913523256

Option 1 ID : 69135213022

Option 2 ID : 69135213023

Option 3 ID : 69135213021

Option 4 ID : 69135213024

Status : Answered

Chosen Option : 2

Q.5
4 Two cubes each of volume 216 cm^3 are joined end to end. The total surface area of the resulting cuboid is:

Ans ☒ 1. 340 cm^2

☒ 2. 380 cm^2

☒ 3. 330 cm^2

☒ 4. 360 cm^2

Question ID : 6913523217

Option 1 ID : 69135212866

Option 2 ID : 69135212867

Option 3 ID : 69135212868

Option 4 ID : 69135212865

Status : Answered

Chosen Option : 4

Q.5
5 Sound is produced due to _____.

Ans ☒ 1. refraction

☒ 2. vibration

☒ 3. rotation

☒ 4. reflection

Question ID : 6913523263

Option 1 ID : 69135213050

Option 2 ID : 69135213051

Option 3 ID : 69135213052

Option 4 ID : 69135213049

Status : Answered

Chosen Option : 2

Q.5
6 Sunaina works in a private firm and her annual income is ₹ 3 lakhs. She owns two vehicles, one old and one new. 5% of her expense goes towards maintaining her new vehicle while the cost of maintaining her old vehicle is 2% more than the new one. On an average, how much does she spend on a monthly basis maintaining the two vehicles?

Ans ☒ 1. ₹ 3,000

☒ 2. ₹ 1,250

☒ 3. ₹ 2,000

☒ 4. ₹ 2,500

Question ID : 6913523243

Option 1 ID : 69135212969

Option 2 ID : 69135212970
Option 3 ID : 69135212972
Option 4 ID : 69135212971
Status : Answered
Chosen Option : 1

Q.5
7 In which year was the Treaty of Bassein signed?

- Ans ☒ 1. 1802
☒ 2. 1875
☒ 3. 1860
☒ 4. 1770

Question ID : 6913523294
Option 1 ID : 69135213174
Option 2 ID : 69135213175
Option 3 ID : 69135213176
Option 4 ID : 69135213173
Status : Answered
Chosen Option : 1

Q.5
8 Nina sells mementos for events. For a birthday party, she sold return gifts. The total cost price was ₹ 800. If she kept a profit margin of 30%, what was the selling price?

- Ans ☒ 1. ₹ 1,140
☒ 2. ₹ 1,240
☒ 3. ₹ 1,040
☒ 4. ₹ 1,200

Question ID : 6913523240
Option 1 ID : 69135212957
Option 2 ID : 69135212960
Option 3 ID : 69135212958
Option 4 ID : 69135212959
Status : Answered
Chosen Option : 3

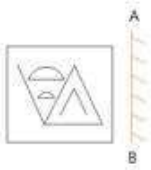
Q.5
9 Two numbers are such that the ratio between them is 5 : 8. If 4 is subtracted from each of them, the ratio between them becomes 7 : 12. The original numbers are:

- Ans ☒ 1. 20, 32
☒ 2. 15, 24
☒ 3. 25, 40
☒ 4. 30, 48

Question ID : 6913523209
Option 1 ID : 69135212835
Option 2 ID : 69135212834
Option 3 ID : 69135212833
Option 4 ID : 69135212836
Status : Answered
Chosen Option : 3

Q.6

0



The mirror image of the above figure with respect to the line AB is:

Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 6913523253

Option 1 ID : 69135213012

Option 2 ID : 69135213009

Option 3 ID : 69135213011

Option 4 ID : 69135213010

Status : Answered

Chosen Option : 2

Q.6
1 Who became the first turbaned Sikh woman to be appointed as Canada's Supreme Court judge?

Ans

✗ 1. Neeru Chadha

✗ 2. Mitali Raj

✗ 3. Sahithi Pingali

✓ 4. Palbinder Kaur Shergill

Question ID : 6913523287

Option 1 ID : 69135213146

Option 2 ID : 69135213148

Option 3 ID : 69135213147

Option 4 ID : 69135213145

Status : Answered

Chosen Option : 4

Q.6
2

What comes next in the given series:

8R, 10Q, 13P, 17O, 22N, ?

- Ans  1. 18L
 2. 28M
 3. 20K
 4. 25G

Question ID : 6913523238

Option 1 ID : 69135212952

Option 2 ID : 69135212951

Option 3 ID : 69135212949

Option 4 ID : 69135212950

Status : Answered

Chosen Option : 2

Q.6
3 If $\sec^4\theta - \sec^2\theta = 3$, then $\tan^4\theta + \tan^2\theta = ?$

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

Question ID : 6913523222

Option 1 ID : 69135212886

Option 2 ID : 69135212888

Option 3 ID : 69135212885



Option 4 ID : 69135212887

Status : Answered

Chosen Option : 2

Q.6
4 Find the word that **DOES NOT** belong to the group:

Biscuits, Cake, Bread, Chocolate

- Ans  1. Bread
 2. Chocolate
 3. Biscuits
 4. Cake

Question ID : 6913523227

Option 1 ID : 69135212908

Option 2 ID : 69135212907

Option 3 ID : 69135212905

Option 4 ID : 69135212906

Status : Answered

Chosen Option : 2

Q.6
5 To change a temperature on the Kelvin scale to the Celsius scale, you have to _____ 273 from the given temperature.

- Ans  1. add

- ☒ 2. divide
- ☒ 3. multiply
- ☒ 4. subtract

Question ID : 6913523268

Option 1 ID : 69135213069

Option 2 ID : 69135213072

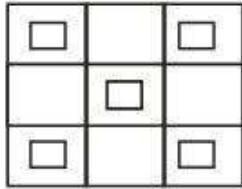
Option 3 ID : 69135213071

Option 4 ID : 69135213070

Status : Answered

Chosen Option : 4

Q.6
6 Count the number of squares in the figure:



- Ans ☒ 1. 17
- ☒ 2. 19
- ☒ 3. 20
- ☒ 4. 18

Question ID : 6913523251

Option 1 ID : 69135213001

Option 2 ID : 69135213003

Option 3 ID : 69135213004

Option 4 ID : 69135213002

Status : Answered

Chosen Option : 2

Q.6
7 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

Towards which direction is X from Y?

Statements:

1. X is exactly to the east of W
2. W is exactly to the south of Y

- Ans ☒ 1. 2 alone is sufficient while 1 alone is not sufficient
- ☒ 2. Either 1 or 2 alone is sufficient
- ☒ 3. 1 alone is sufficient while 2 alone is not sufficient
- ☒ 4. Both 1 and 2 together are sufficient

Question ID : 6913523242

Option 1 ID : 69135212966

Option 2 ID : 69135212967

Option 3 ID : 69135212965

Option 4 ID : 69135212968





Status : **Answered**
Chosen Option : 4

Q.6 A machine was bought for ₹ 42,000. Its value depreciates at a rate of 8% per annum. Find the value of the price
8 decreased after a year?

- Ans  1. ₹ 3,060
 2. ₹ 3,320
 3. ₹ 3,360
 4. ₹ 4,360





Question ID : 6913523212
Option 1 ID : 69135212847
Option 2 ID : 69135212848
Option 3 ID : 69135212845
Option 4 ID : 69135212846
Status : **Answered**
Chosen Option : 3

Q.6 The full form of DNA is _____
9

- Ans  1. Do nucleic acid
 2. Deoxyribonucleic acid
 3. Deoxyribonuclear acid
 4. Deoxyribous nuclear acid

Question ID : 6913523279
Option 1 ID : 69135213116
Option 2 ID : 69135213113
Option 3 ID : 69135213114
Option 4 ID : 69135213115
Status : **Answered**
Chosen Option : 2

Q.7 Which of the fractions given below is NOT equal to $\frac{15}{23}$?
0

- Ans  1. $\frac{75}{115}$
 2. $\frac{30}{46}$
 3. $\frac{105}{162}$
 4. $\frac{45}{69}$

Question ID : 6913523205
Option 1 ID : 69135212820
Option 2 ID : 69135212817
Option 3 ID : 69135212819
Option 4 ID : 69135212818
Status : **Answered**
Chosen Option : 3

Q.7 Kiran swims in a 90 m long pool. He covers 180 m in 1 minute by swimming from one end to the other and back along the same straight path. Find the average velocity of Kiran.

- Ans
- ☒ 1. 3 ms^{-1}
 - ☒ 2. 180 ms^{-1}
 - ☒ 3. 0 ms^{-1}
 - ☒ 4. 4 ms^{-1}

Question ID : 6913523259

Option 1 ID : 69135213034

Option 2 ID : 69135213033

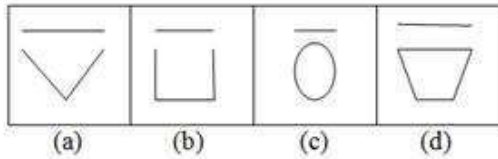
Option 3 ID : 69135213036

Option 4 ID : 69135213035

Status : Answered

Chosen Option : 1

Q.7 Choose the ODD one:



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

Question ID : 6913523246

Option 1 ID : 69135212982

Option 2 ID : 69135212984

Option 3 ID : 69135212981

Option 4 ID : 69135212983

Status : Answered

Chosen Option : 4

Q.7 Which 'A1-Category Railway Station' came first in the 2018 Station Cleanliness Report released by the Railway Ministry?

- Ans
- ☒ 1. Egmore
 - ☒ 2. Marwar
 - ☒ 3. Kannur
 - ☒ 4. Kochi

Question ID : 6913523299

Option 1 ID : 69135213193

Option 2 ID : 69135213196

Option 3 ID : 69135213194

Option 4 ID : 69135213195

Status : Answered

Chosen Option : 4

Q.7

4 _____ determines the speed of sound in a medium.

- Ans
- ☒ 1. Tone of the wave
 - ☒ 2. Timbre of the wave
 - ☒ 3. Properties of the medium
 - ☒ 4. Amplitude of the wave

Question ID : 6913523264

Option 1 ID : 69135213055

Option 2 ID : 69135213054

Option 3 ID : 69135213056

Option 4 ID : 69135213053

Status : Answered

Chosen Option : 3

Q.7
5 What is the square root of 1521?

- Ans
- ☒ 1. 31
 - ☒ 2. 41
 - ☒ 3. 39
 - ☒ 4. 49

Question ID : 6913523202

Option 1 ID : 69135212807

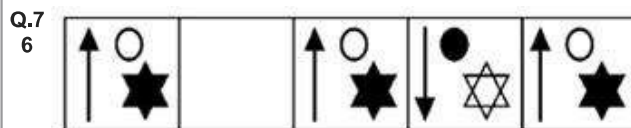
Option 2 ID : 69135212806

Option 3 ID : 69135212805

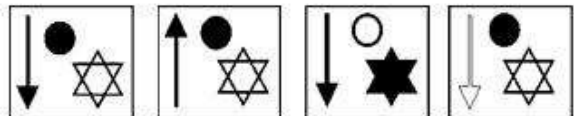
Option 4 ID : 69135212808

Status : Answered

Chosen Option : 3



Which of the below figure correctly fits the above blank space?



A B C D

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

Question ID : 6913523245

Option 1 ID : 69135212979

Option 2 ID : 69135212980

Option 3 ID : 69135212977

Option 4 ID : 69135212978

Status : **Not Answered**
Chosen Option : --

Q.7
7 Find the missing term in the series?

8, 13, 22, ?, 52, 73

- Ans
- ☒ 1. 32
 - ☒ 2. 35
 - ☒ 3. 30
 - ☒ 4. 36

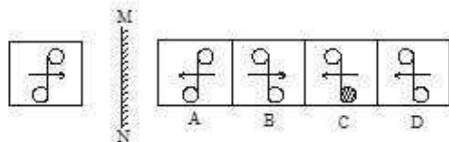
Question ID : 6913523236
Option 1 ID : 69135212941
Option 2 ID : 69135212942
Option 3 ID : 69135212943
Option 4 ID : 69135212944
Status : **Answered**
Chosen Option : 2

Q.7
8 Which of the following titles did Manushi Chhillar win?

- Ans
- ☒ 1. Miss World 2017
 - ☒ 2. Miss Asia 2017
 - ☒ 3. Miss Universe 2017
 - ☒ 4. Miss World 2018

Question ID : 6913523288
Option 1 ID : 69135213150
Option 2 ID : 69135213152
Option 3 ID : 69135213149
Option 4 ID : 69135213151
Status : **Answered**
Chosen Option : 4

Q.7
9 Choose the mirror image for the following figure.



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

Question ID : 6913523255
Option 1 ID : 69135213017
Option 2 ID : 69135213019
Option 3 ID : 69135213020

Option 4 ID : 69135213018
Status : Answered
Chosen Option : 3

Q.8 The difference between the selling prices of a keyboard at losses 10% and 19% is ₹ 27. Find the cost price of the keyboard.





- Ans  1. ₹ 300
 2. ₹ 270
 3. ₹ 240
 4. ₹ 330

Question ID : 6913523211
Option 1 ID : 69135212843
Option 2 ID : 69135212844
Option 3 ID : 69135212842
Option 4 ID : 69135212841
Status : Answered
Chosen Option : 1

Q.8 Work done on an object depends on:



- A. Displacement
B. Angle between force and displacement
C. Force applied
D. Mass of the object


Which of these points are correct?


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

Question ID : 6913523262
Option 1 ID : 69135213045
Option 2 ID : 69135213047
Option 3 ID : 69135213048
Option 4 ID : 69135213046
Status : Answered
Chosen Option : 2

Q.8 Who won the men's singles in the 2017 French Super Series badminton tournament?

- Ans  1. Kidambi Srikanth
 2. HS Prannoy

 3. Parupalli Kashyap

 4. B Sai Praneeth

Question ID : 6913523281

Option 1 ID : 69135213122

Option 2 ID : 69135213123

Option 3 ID : 69135213124

Option 4 ID : 69135213121

Status : Not Answered

Chosen Option : --

Q.8 After 12 innings the average score per innings of a batsman was 55. After 14 innings his average rose to 60. If the
3 batsman had scored 20 more runs in the 14th innings than in the previous one, how many runs did he score in the 13th innings?

Ans  1. 75

 2. 80

 3. 90

 4. 85

Question ID : 6913523225

Option 1 ID : 69135212897

Option 2 ID : 69135212900

Option 3 ID : 69135212898

Option 4 ID : 69135212899


Status : Answered


Chosen Option : 2

Q.8 An object of mass 15 kg is moving with a uniform velocity of 7 ms^{-1} . What is the kinetic energy possessed by the
4 object?

Ans  1. 367.5 J

 2. 17.5 J

 3. 180.5 J

 4. 367.5 ms

Question ID : 6913523261

Option 1 ID : 69135213041

Option 2 ID : 69135213043


Option 3 ID : 69135213044


Option 4 ID : 69135213042


Status : Answered


Chosen Option : 1

Q.8 A tank has two inlets which can fill it in 7 hours and 9 hours, respectively. An outlet can empty the full tank in 21 hours.
5 If all three pipes are opened together in an empty tank how much time will they take to fill the tank completely?

Ans  1. $4\frac{2}{13}$ hours

 2. $4\frac{11}{13}$ hours

 3. $5\frac{11}{13}$ hours

 4. $5\frac{2}{13}$ hours

Question ID : 6913523219

Option 1 ID : 69135212876

Option 2 ID : 69135212874

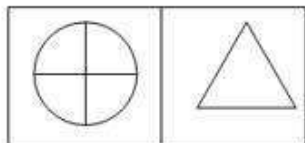
Option 3 ID : 69135212873

Option 4 ID : 69135212875

Status : Answered

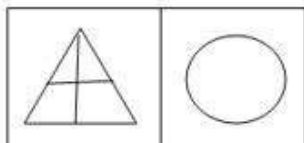
Chosen Option : 2

Q.8
6 Choose a similar pair for the following:

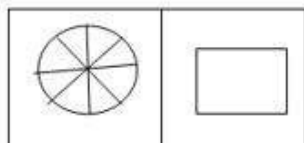


Ans

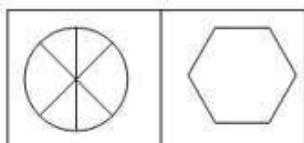
✗ 1.



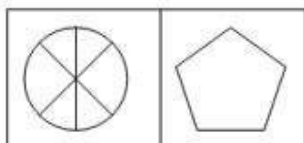
✗ 2.



✗ 3.



✓ 4.



Question ID : 6913523228

Option 1 ID : 69135212909

Option 2 ID : 69135212910

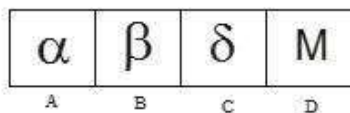
Option 3 ID : 69135212912

Option 4 ID : 69135212911

Status : Answered

Chosen Option : 4

Q.8
7 Find the odd one out:



Ans ✗ 1. C

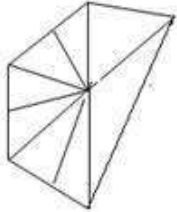
✗ 2. B

✗ 3. A

✓ 4. D

Question ID : 6913523248
 Option 1 ID : 69135212991
 Option 2 ID : 69135212990
 Option 3 ID : 69135212989
 Option 4 ID : 69135212992
 Status : Answered
 Chosen Option : 4

Q.8 How many triangles are there in the following figure?



- Ans ☒ 1. 13
☒ 2. 9
☒ 3. 10
☒ 4. 8

Question ID : 6913523252
 Option 1 ID : 69135213005
 Option 2 ID : 69135213007
 Option 3 ID : 69135213006
 Option 4 ID : 69135213008
 Status : Answered
 Chosen Option : 1

Q.8 Which alphanumeric set will follow in the given series?

4M, 6O, 8Q, 10S, ?

- Ans ☒ 1. 10P
☒ 2. 12Z
☒ 3. 12U
☒ 4. 15C

Question ID : 6913523237
 Option 1 ID : 69135212946
 Option 2 ID : 69135212945
 Option 3 ID : 69135212947
 Option 4 ID : 69135212948
 Status : Answered
 Chosen Option : 3

Q.9 Which country did the Indian women's hockey team defeat (5-4 goals in penalty shootout) to win the 2017 Asia Cup hockey title in the final match held at Kakamigahara in Japan?

- Ans ☒ 1. Japan
☒ 2. China
☒ 3. South Korea

 4. Malaysia

Question ID : 6913523282

Option 1 ID : 69135213126

Option 2 ID : 69135213125

Option 3 ID : 69135213127


Option 4 ID : 69135213128


Status : Not Answered


Chosen Option : --

Q.9
1 It is 12 noon in Greenwich. What will be the time at a place situated at $82\frac{1}{2}^\circ$ East longitude?

Ans  1. 5.00 p.m.

 2. 4.00 p.m.

 3. 5.30 p.m.

 4. 3.34 p.m.

Question ID : 6913523297

Option 1 ID : 69135213188

Option 2 ID : 69135213186

Option 3 ID : 69135213185


Option 4 ID : 69135213187


Status : Answered

Chosen Option : 3

Q.9
2 A current of 0.8A is drawn by a filament of an electric bulb for 3 minutes. Then the charge flowing through the circuit is ____ C

Ans  1. 144

 2. 14.4

 3. 0.144

 4. 1.44

Question ID : 6913523265

Option 1 ID : 69135213059

Option 2 ID : 69135213058

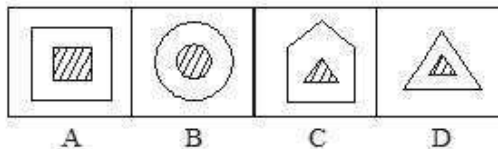
Option 3 ID : 69135213060

Option 4 ID : 69135213057

Status : Answered

Chosen Option : 1

Q.9
3 Find the odd one out.



Ans  1. B

 2. A

 3. D

 4. C

Question ID : 6913523247
Option 1 ID : 69135212986
Option 2 ID : 69135212985
Option 3 ID : 69135212988
Option 4 ID : 69135212987
Status : **Answered**
Chosen Option : 4

Q.9 In the 2017 case of the argument in the context of making Aadhaar mandatory for basic amenities, which of the following was a major highlight of the Supreme Court ruling?

- Ans
- ☒ 1. Secrecy is a fundamental right of every Indian
 - ☒ 2. Liberty is more important than surveillance
 - ☒ 3. Privacy is a fundamental right of every Indian citizen
 - ☒ 4. Rations are a fundamental right of every Indian

Question ID : 6913523291
Option 1 ID : 69135213164
Option 2 ID : 69135213162
Option 3 ID : 69135213161
Option 4 ID : 69135213163
Status : **Not Answered**
Chosen Option : --

Q.9 Bajaj electronics sold two microwave ovens at ₹ 4,800 each. On one, it gained 20%, and on the other, it lost 20%. Find the gain or loss percentage for the whole transaction.

- Ans
- ☒ 1. 4% loss
 - ☒ 2. 5% loss
 - ☒ 3. 4% profit
 - ☒ 4. 5% profit

Question ID : 6913523210
Option 1 ID : 69135212838
Option 2 ID : 69135212839
Option 3 ID : 69135212840
Option 4 ID : 69135212837
Status : **Answered**
Chosen Option : 1

Q.9 Identify the conservationist and activist from Jharkhand who is one of the recipients of the Women Transforming India, 2017 award.




- Ans
- ☒ 1. Juhi Kanhekar
 - ☒ 2. Jwala Thakur
 - ☒ 3. Jamuna Tudu
 - ☒ 4. Jhanvi Tamar

Question ID : 6913523289
Option 1 ID : 69135213156
Option 2 ID : 69135213153
Option 3 ID : 69135213155
Option 4 ID : 69135213154
Status : **Not Answered**

Chosen Option : --

Q.9 The term 'Brexit', often seen in the news, is related to which of the following countries?

7

- Ans  1. UK
 2. USA
 3. Dubai
 4. Singapore

Question ID : 6913523293

Option 1 ID : 69135213170

Option 2 ID : 69135213169

Option 3 ID : 69135213171

Option 4 ID : 69135213172

Status : Not Answered

Chosen Option : --

Q.9 Find the median of the prime numbers between 1 to 55.

8

- Ans  1. 19
 2. 20
 3. 22
 4. 21

Question ID : 6913523221

Option 1 ID : 69135212881

Option 2 ID : 69135212882

Option 3 ID : 69135212884

Option 4 ID : 69135212883

Status : Answered

Chosen Option : 1

Q.9 Maithri is aged three times more than her son Vishajith. After 8 years, she would be $2\frac{1}{2}$ times Vishajith's age. After further 8 years, how many times would she be of Vishajith's age?

9

- Ans 1. 3
 2. $\frac{4}{5}$
 3. $\frac{11}{5}$
 4. $\frac{2}{3}$

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID : 6913523218

Option 1 ID : 69135212869

Option 2 ID : 69135212871

Option 3 ID : 69135212872

Option 4 ID : 69135212870

Status : Answered

Chosen Option : 3

Q.1 If X and Y can complete a piece of work in 20 days, Y and Z can complete the same work in 12 days, while Z and X could do the same in 15 days. How many days would be needed to complete the work by X, Y and Z together?

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- Ans  1. 10

-  2. 12
-  3. 8
-  4. 5

Question ID : 6913523215

Option 1 ID : 69135212858

Option 2 ID : 69135212857

Option 3 ID : 69135212859

Option 4 ID : 69135212860

Status : **Answered**

Chosen Option : 1