



RRB GROUP - D **SHIFT – 2 (04-10-2018)**

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रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

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Test Center Name:	Buddha Institute Of Technology
Test Date:	04/10/2018
Test Time:	12:30 PM - 2:00 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 The girth of stem or root increases due to _____.

- Ans
- 1. parenchyma
 - 2. lateral meristem
 - 3. apical meristem
 - 4. intercalary meristem



Question ID : 6913523077
Option 1 ID : 69135212308
Option 2 ID : 69135212307
Option 3 ID : 69135212305
Option 4 ID : 69135212306
Status : Marked For Review
Chosen Option : 2

Q.2 Identify the odd one from the given group:

- Ans
- 1. iPod
 - 2. Mobile phone
 - 3. Desktop computer
 - 4. Laptop

Question ID : 6913523027
Option 1 ID : 69135212105
Option 2 ID : 69135212107
Option 3 ID : 69135212108
Option 4 ID : 69135212106
Status : Answered
Chosen Option : 2

Q.3

While filling a _____, _____ can be compressed easily hence they can be filled within a vessel at high pressure. This property of _____ allows their convenient filling into a small container or cylinder and that also in a large volume. It also allows their easy transport from one place to another.

- Ans
- 1. solid matter; solid; gases
 - 2. gas container; water; gases
 - 3. water tanker; water; water
 - 4. gas container; gases; gasses

Question ID : 6913523069
Option 1 ID : 69135212275
Option 2 ID : 69135212276
Option 3 ID : 69135212273
Option 4 ID : 69135212274
Status : Answered
Chosen Option : 4

Q.4 नीचे दिए गए विवरण के आगे दो तर्क दिए गए हैं | निर्णय लें कि कौन सा (से) तर्क इस विवरण से मजबूत या अधिक संबंध रखता है (रखते हैं) |

विवरण :

बच्चों के मानसिक स्वास्थ्य को बनाए रखने के लिए उन्हें नियमित रूप से परामर्श दिया जाना चाहिए।

तर्क :

- I. हां, मानसिक स्वास्थ्य शारीरिक स्वास्थ्य की तरह ही महत्वपूर्ण है, क्योंकि इससे बच्चों का समय विकास होता है।
- II. नहीं, परामर्श एक समयसाध्य कार्य है और इससे बच्चों के समय का अपव्यय होता है।

- Ans
- 1. केवल तर्क II मजबूत है।
 - 2. दोनों तर्क I एवं II मजबूत हैं।
 - 3. न तो तर्क I न ही तर्क II मजबूत है।
 - 4. केवल तर्क I मजबूत है।

Question ID : 6913523032
Option 1 ID : 69135212126
Option 2 ID : 69135212128
Option 3 ID : 69135212127
Option 4 ID : 69135212125
Status : Marked For Review
Chosen Option : 4

Q.5 Where is the Namib Desert located?

- Ans
- 1. Southern Africa
 - 2. United States
 - 3. Brazil
 - 4. Afghanistan

Question ID : 6913523096
Option 1 ID : 69135212382
Option 2 ID : 69135212381
Option 3 ID : 69135212383

Option 4 ID : 69135212384
Status : Answered
Chosen Option : 1

Q.6 If in a code language 'SHOE' is written as 'EOHS', then how will 'LACE' be written?

- Ans
- 1. LACF
 - 2. HSEO
 - 3. ECAL
 - 4. MBDF

Question ID : 6913523026
Option 1 ID : 69135212104
Option 2 ID : 69135212101
Option 3 ID : 69135212102
Option 4 ID : 69135212103
Status : Answered
Chosen Option : 3

Q.7 In some multicellular organism like Rhizopus, mushrooms, and some bacteria, aspergillus etc, reproduction takes place by:

- Ans
- 1. Regeneration
 - 2. Fertilisation
 - 3. Fragmentation
 - 4. Spores

Question ID : 6913523079
Option 1 ID : 69135212313
Option 2 ID : 69135212316
Option 3 ID : 69135212315
Option 4 ID : 69135212314
Status : Answered
Chosen Option : 4

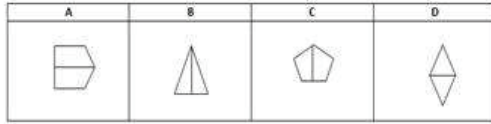
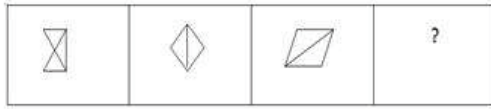
Q.8 Who among the following was awarded with Dinanath Mangeshkar Award 2017, for his outstanding contribution to Cricket?

- Ans
- 1. Lala Amarnath
 - 2. Sunil Gavaskar
 - 3. Anil Kumble
 - 4. Kapil Dev

Question ID : 6913523081
Option 1 ID : 69135212323
Option 2 ID : 69135212321
Option 3 ID : 69135212324
Option 4 ID : 69135212322
Status : Answered
Chosen Option : 1

Q.9

Select the option that can replace the question mark (?) in the given figure series.



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

Question ID : 6913523053
Option 1 ID : 69135212209
Option 2 ID : 69135212212
Option 3 ID : 69135212210
Option 4 ID : 69135212211
Status : Answered
Chosen Option : 2

Q.1 DoT has given its approval to merge Idea Cellular with which other telecom provider?

- Ans
- 1. Jio
 - 2. Aircel
 - 3. Vodafone
 - 4. Airtel

Question ID : 6913523098
Option 1 ID : 69135212391
Option 2 ID : 69135212390
Option 3 ID : 69135212392
Option 4 ID : 69135212389
Status : Answered
Chosen Option : 3

Q.1 Find the value of $\sqrt{0.5}$

- Ans
- 1. 0.897
 - 2. 0.787
 - 3. 0.947
 - 4. 0.707

Question ID : 6913523006
Option 1 ID : 69135212023
Option 2 ID : 69135212024
Option 3 ID : 69135212021
Option 4 ID : 69135212022
Status : Answered
Chosen Option : 4

Q.1
2 Which of these is NOT a Kharif crop?

- Ans
- 1. Wheat
 - 2. Groundnut
 - 3. Paddy
 - 4. Maize

Question ID : 6913523099
Option 1 ID : 69135212394
Option 2 ID : 69135212396
Option 3 ID : 69135212395
Option 4 ID : 69135212393
Status : Answered
Chosen Option : 1

Q.1
3 6 7 4 8 5 8 8 4 8 3 2 5 8 6 7 8 3 8

If the 1st term of the above sequence is interchanged with the 2nd term, the 3rd with the 4th, and so on, then how many 8s are there that are divisible by the number on their left as well as their right?

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

Question ID : 6913523038
Option 1 ID : 69135212149
Option 2 ID : 69135212150
Option 3 ID : 69135212152
Option 4 ID : 69135212151
Status : Answered
Chosen Option : 1

Q.1
4 The calendar for the year 2018 is the same for the year:

- Ans
- 1. 2007
 - 2. 2006
 - 3. 2008
 - 4. 2009

Question ID : 6913523020
Option 1 ID : 69135212078
Option 2 ID : 69135212077
Option 3 ID : 69135212079
Option 4 ID : 69135212080
Status : Answered
Chosen Option : 1

Q.1
5 Virat can complete a task in 20 days, whereas Anu can complete the same task in 15 days. How long will it take for Virat and Anu to complete the task if they worked together?

- Ans
- 1. $12\frac{1}{7}$ days
 - 2. 5 days

✓ 3. $8\frac{4}{7}$ days

✗ 4. $17\frac{1}{2}$ days

Question ID : 6913523014

Option 1 ID : 69135212056

Option 2 ID : 69135212055

Option 3 ID : 69135212054

Option 4 ID : 69135212053

Status : Answered

Chosen Option : 3

Q.1
6 In the Modern Periodic Table, period ____ and ____ contain two metalloids each.

Ans ✓ 1. 4, 5

✗ 2. 3, 4

✗ 3. 5, 6

✗ 4. 6, 7

Question ID : 6913523075

Option 1 ID : 69135212299

Option 2 ID : 69135212300

Option 3 ID : 69135212298

Option 4 ID : 69135212297

Status : Answered

Chosen Option : 2

Q.1
7 Manoj used to spend 33% of his income on food. He got an increment of ₹ 1,000 but did not increase his expenditure on food items. As a result his expenditure on food dropped to 27%. What was his initial income?

Ans ✗ 1. ₹ 5,500

✗ 2. ₹ 6,500

✗ 3. ₹ 5,000

✓ 4. ₹ 4,500

Question ID : 6913523017

Option 1 ID : 69135212066

Option 2 ID : 69135212065

Option 3 ID : 69135212067

Option 4 ID : 69135212068

Status : Answered

Chosen Option : 4

Q.1
8 _____ lens is used by people suffering from myopia.

Ans ✗ 1. Cylindrical

✓ 2. Concave

✗ 3. Convex

✗ 4. Convexo-concave

Question ID : 6913523064

Option 1 ID : 69135212253
Option 2 ID : 69135212255
Option 3 ID : 69135212254
Option 4 ID : 69135212256
Status : Answered
Chosen Option : 2

Q.1
9 If $\cot^4\theta + \cot^2\theta = 4$, then $\operatorname{cosec}^4\theta - \operatorname{cosec}^2\theta = ?$

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

Question ID : 6913523022
Option 1 ID : 69135212088
Option 2 ID : 69135212085
Option 3 ID : 69135212087
Option 4 ID : 69135212086
Status : Answered
Chosen Option : 1

Q.2
0 Vibration indicates which type of motion of an object?

- Ans 1. Very slow
 2. Very fast
 3. Fast shaking
 4. Rapid to and fro

Question ID : 6913523063
Option 1 ID : 69135212252
Option 2 ID : 69135212249
Option 3 ID : 69135212251
Option 4 ID : 69135212250
Status : Marked For Review
Chosen Option : 3

Q.2
1 With whom can you associate the theory of evolution?

- Ans 1. Miller
 2. Darwin
 3. Mendel
 4. Urey

Question ID : 6913523080
Option 1 ID : 69135212319
Option 2 ID : 69135212318
Option 3 ID : 69135212317
Option 4 ID : 69135212320
Status : Answered
Chosen Option : 2

Q.2
2 What is e-Governance?

- Ans
- 1. Effective administrative governance
 - 2. Systematic governance
 - 3. Technology driven governance
 - 4. Human driven governance

Question ID : 6913523091
Option 1 ID : 69135212361
Option 2 ID : 69135212362
Option 3 ID : 69135212363
Option 4 ID : 69135212364
Status : Answered
Chosen Option : 3

Q.2
3 The electronic configuration of an element is 2, 8, 7, so its valency is:

- Ans
- 1. 2
 - 2. 8
 - 3. 7
 - 4. 1

Question ID : 6913523074
Option 1 ID : 69135212293
Option 2 ID : 69135212294
Option 3 ID : 69135212295
Option 4 ID : 69135212296
Status : Answered
Chosen Option : 4

Q.2
4 The square root of 10201 is:

- Ans
- 1. 111
 - 2. 99
 - 3. 101
 - 4. 91

Question ID : 6913523002
Option 1 ID : 69135212008
Option 2 ID : 69135212006
Option 3 ID : 69135212007
Option 4 ID : 69135212005
Status : Answered
Chosen Option : 3

Q.2
5 If $x + y = 1$, then $x^3 + y^3 + 3xy - 1 = ?$

- Ans
- 1. 0
 - 2. 5
 - 3. 2
 - 4. 1

Question ID : 6913523024
Option 1 ID : 69135212094
Option 2 ID : 69135212095
Option 3 ID : 69135212093
Option 4 ID : 69135212096
Status : Answered
Chosen Option : 1

Q.2 In an alloy of German silver the ratio of copper to zinc was 19 : 6 while that of nickel to zinc was 7 : 4. The ratio of
6 copper to zinc to nickel in the alloy was:

- Ans 1. 38 : 12 : 21
 2. 133 : 42 : 24
 3. 19 : 44 : 4
 4. 19 : 24 : 7

Question ID : 6913523011
Option 1 ID : 69135212042
Option 2 ID : 69135212044
Option 3 ID : 69135212041
Option 4 ID : 69135212043
Status : Answered
Chosen Option : 1

Q.2 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the
7 statement(s).

Statements:

- I. No cat is white.
II. Some white are pandas.

Conclusions:

1. All pandas are white.
2. Some cats are white.

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

Question ID : 6913523029
Option 1 ID : 69135212115
Option 2 ID : 69135212114
Option 3 ID : 69135212113
Option 4 ID : 69135212116
Status : Answered
Chosen Option : 4

Q.2 Which of the following statements is true?
8

- Ans 1. The unit of relative density is kg m^{-2}
 2. The unit of relative density is kg m^{-3}
 3. Relative density has no unit

4. The unit of relative density is kg m^3

Question ID : 6913523059

Option 1 ID : 69135212234

Option 2 ID : 69135212233

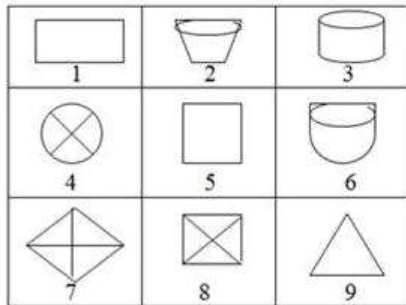
Option 3 ID : 69135212235

Option 4 ID : 69135212236

Status : Answered

Chosen Option : 3

Q.2 Group the following figures into three classes on the basis of identical properties:



Ans 1. 1,3,9; 2,4,6; 5,7,8

2. 1,5,9; 2,4,6; 3,5,7

3. 1,2,5; 3,6,7; 4,8,9

4. 1,5,9; 2,3,6; 4,5,7

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

Question ID : 6913523049

Option 1 ID : 69135212196

Option 2 ID : 69135212195

Option 3 ID : 69135212193

Option 4 ID : 69135212194

Status : Answered

Chosen Option : 4

Q.3 Which of the following statements is INCORRECT?

Ans 1. Non-metals form acidic oxides

2. Non-metals form cations

3. Non-metals form anions

4. Non-metals are bad conductors of electricity

Question ID : 6913523073

Option 1 ID : 69135212292

Option 2 ID : 69135212291

Option 3 ID : 69135212290

Option 4 ID : 69135212289

Status : Answered

Chosen Option : 2

Q.3 The speed of sound waves is 700 ms^{-1} . How long will the sound waves take to travel 7 km?

1

- Ans
- 1. 5 s
 - 2. 100 s
 - 3. 50 s
 - 4. 10 s

Question ID : 6913523062
 Option 1 ID : 69135212247
 Option 2 ID : 69135212246
 Option 3 ID : 69135212248
 Option 4 ID : 69135212245
 Status : Answered
 Chosen Option : 4

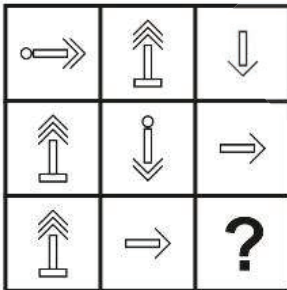
Q.3 In a class of 10 students, the average age was 16 years. When two students left the class, the average age of the remaining students became 16.25 years. What is the total age of the students left?

2

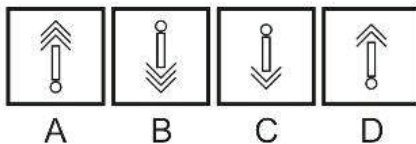
- Ans
- 1. 28 years
 - 2. 32 years
 - 3. 30 years
 - 4. 34 years

Question ID : 6913523021
 Option 1 ID : 69135212081
 Option 2 ID : 69135212083
 Option 3 ID : 69135212082
 Option 4 ID : 69135212084
 Status : Answered
 Chosen Option : 3

Q.3
3



Choose the correct picture that replaces the (?) symbol above with the below give options:



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

Question ID : 6913523048

Option 1 ID : 69135212190
Option 2 ID : 69135212189
Option 3 ID : 69135212192
Option 4 ID : 69135212191
Status : Answered
Chosen Option : 4

Q.3
4 Identify the Co-Prime pair from the given options.

- Ans 1. (16, 25)
 2. (36, 39)
 3. (42, 49)
 4. (12, 24)

Question ID : 6913523039
Option 1 ID : 69135212153
Option 2 ID : 69135212156
Option 3 ID : 69135212154
Option 4 ID : 69135212155
Status : Answered
Chosen Option : 1

Q.3
5 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

X is Y's brother, Z is mother of Y, how is Y related to X?

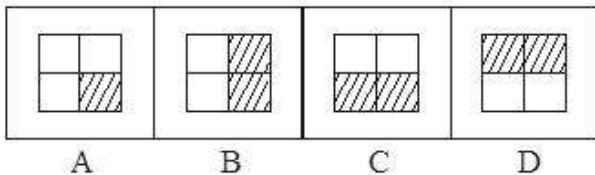
Statements:

1. Z has only 1 son and 1 daughter
2. X is only son of V who has 2 childrens

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

Question ID : 6913523042
Option 1 ID : 69135212168
Option 2 ID : 69135212166
Option 3 ID : 69135212165
Option 4 ID : 69135212167
Status : Answered
Chosen Option : 3

Q.3
6 Find the odd one out.



- Ans 1. B

- 2. D
- 3. C
- 4. A

Question ID : 6913523044
Option 1 ID : 69135212174
Option 2 ID : 69135212176
Option 3 ID : 69135212175
Option 4 ID : 69135212173
Status : Answered
Chosen Option : 4

Q.3 Find the rate of discount when the marked price is ₹ 1880 and selling price is ₹ 1598.
7

- Ans
- 1. 13%
 - 2. 12%
 - 3. 20%
 - 4. 15%

Question ID : 6913523010
Option 1 ID : 69135212038
Option 2 ID : 69135212037
Option 3 ID : 69135212040
Option 4 ID : 69135212039
Status : Answered
Chosen Option : 4

Q.3 Pipes A and B can fill a water tank in 30 and 45 minutes respectively while pipe C can take out all the water in 60
8 minutes. If the three pipes are opened simultaneously, how long it would take to fill the empty tank?

- Ans
- 1. $(25 + \frac{5}{7})$ min
 - 2. 60 min
 - 3. $(34 + \frac{1}{2})$ min
 - 4. $(18 + \frac{5}{7})$ min

Question ID : 6913523016
Option 1 ID : 69135212063
Option 2 ID : 69135212064
Option 3 ID : 69135212061
Option 4 ID : 69135212062
Status : Answered
Chosen Option : 1

Q.3 A bullet, of mass 20 g, is horizontally fired with a velocity 150 ms^{-1} from a pistol of mass 2.5 kg. What is the recoil
9 velocity of the pistol?

- Ans
- 1. -1.25 ms^{-1}
 - 2. -1.5 ms^{-1}
 - 3. -1.2 ms^{-1}
 - 4. -2.0 ms^{-1}

Question ID : 6913523056
Option 1 ID : 69135212224
Option 2 ID : 69135212221
Option 3 ID : 69135212222
Option 4 ID : 69135212223
Status : Answered
Chosen Option : 3

Q.4
0 Coulomb is the SI unit of:

- Ans
- 1. Resistance
 - 2. Electric charge
 - 3. Electric current
 - 4. Potential difference

Question ID : 6913523065
Option 1 ID : 69135212260
Option 2 ID : 69135212259
Option 3 ID : 69135212258
Option 4 ID : 69135212257
Status : Answered
Chosen Option : 2

Q.4
1 Who among the following is popularly known as 'The Mozart of Madras'?

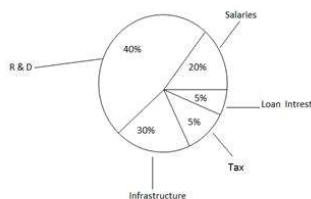
- Ans
- 1. A.R.Rahman
 - 2. Ilayaraja
 - 3. Kishore kumar
 - 4. S.P.Balasubramaniam

Question ID : 6913523086
Option 1 ID : 69135212344
Option 2 ID : 69135212341
Option 3 ID : 69135212343
Option 4 ID : 69135212342
Status : Marked For Review
Chosen Option : 2

Q.4 Study the following pie chart and answer the question that follows.

2

The pie chart shows company XYZ's expenditure on various heads for Q3 2015.



If the company has spent a total of ₹ 120 lakh crores on the various heads, then how much was spent on loan interest (in lakh crores)?

- Ans
- 1. ₹ 12
 - 2. ₹ 48

3. ₹ 24

4. ₹ 6

Question ID : 6913523041
Option 1 ID : 69135212162
Option 2 ID : 69135212164
Option 3 ID : 69135212163
Option 4 ID : 69135212161
Status : Answered
Chosen Option : 4

Q.4 In the question given below is a statement followed by two assumptions numbered I and II. Decide which of the 3 assumptions is/are implicit in the statement.

Statement:

"Nagpur has extreme climate," tells Ram's cousin Shyam while sipping tea.

Assumptions:

I. Winters are cold and summers are hot in Nagpur.

II. Ram and Shyam are cousins

Ans

1. Neither I nor II is implicit

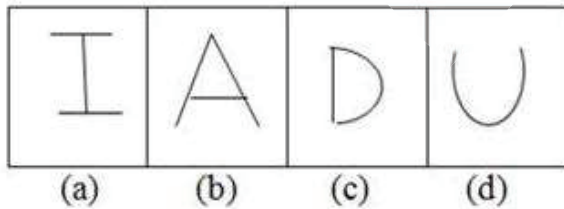
2. Only assumption I is implicit

3. Both I and II are implicit.

4. Only assumption II is implicit

Question ID : 6913523033
Option 1 ID : 69135212131
Option 2 ID : 69135212129
Option 3 ID : 69135212132
Option 4 ID : 69135212130
Status : Marked For Review
Chosen Option : 3

Q.4 Identify the odd one out.



Ans

1. d

2. c

3. a

4. b

Question ID : 6913523046
Option 1 ID : 69135212184
Option 2 ID : 69135212183
Option 3 ID : 69135212181
Option 4 ID : 69135212182

Q.4
5 Which of the given reaction is opposite to combination reactions?

- Ans
- 1. Decomposition
 - 2. Precipitation
 - 3. Displacement
 - 4. Double displacement

Question ID : 6913523071
Option 1 ID : 69135212283
Option 2 ID : 69135212282
Option 3 ID : 69135212281
Option 4 ID : 69135212284
Status : Answered
Chosen Option : 1

Q.4
6 _____ is called quick lime.

- Ans
- 1. Calcium carbonate
 - 2. Calcium chloride
 - 3. Calcium hydroxide
 - 4. Calcium oxide



Question ID : 6913523070
Option 1 ID : 69135212277
Option 2 ID : 69135212280
Option 3 ID : 69135212279
Option 4 ID : 69135212278
Status : Answered
Chosen Option : 4

Q.4
7 Name the American Civil Movement activist who delivered the famous speech, "I have a dream".

- Ans
- 1. Abraham Lincoln
 - 2. Victoria Woodhull
 - 3. Martin Luther King Jr.
 - 4. Lucy Stone

Question ID : 6913523094
Option 1 ID : 69135212373
Option 2 ID : 69135212376
Option 3 ID : 69135212375
Option 4 ID : 69135212374
Status : Answered
Chosen Option : 1

Q.4
8 $114 \div [87 - \{37 - (55 - 84 \div 7 \times 4)\}] = ?$

- Ans
- 1. 13

2. 8

3. 4

4. 2

Question ID : 6913523007

Option 1 ID : 69135212028

Option 2 ID : 69135212027

Option 3 ID : 69135212026

Option 4 ID : 69135212025

Status : Answered

Chosen Option : 4

Q.4 The Union Ministry of Parliamentary Affairs (MoPA) has proposed rolling out of e-Sansad in Parliament and e-Vidhan
9 in State Legislatures to:

Ans 1. digitise and make their functioning smooth

2. digitise and make their functioning non-transparent

3. digitise and make their functioning paperless

4.

digitise and make their functioning debate and discussion less

Question ID : 6913523090

Option 1 ID : 69135212358

Option 2 ID : 69135212359

Option 3 ID : 69135212357

Option 4 ID : 69135212360

Status : Answered

Chosen Option : 3

Q.5 Who from Maharashtra was honoured with the Padma Shri Award, 2018, in the field of Medicine?
0

Ans 1. Shri Subhash

2. Shri Abhay Bang

3. Shri Jose Ma Joey

4. Shri K.Srikanth

Question ID : 6913523087

Option 1 ID : 69135212346

Option 2 ID : 69135212345

Option 3 ID : 69135212347

Option 4 ID : 69135212348

Status : Not Answered

Chosen Option : --

Q.5 $\frac{11}{16}$ of the residents of a housing society own cars and $\frac{20}{33}$ of the car owners have purchased covered parking space. If 130
1 of the residents parked in the open, how many residents were there in the society?

Ans 1. 400

2. 480

3. 384

4. 320

Question ID : 6913523008
Option 1 ID : 69135212030
Option 2 ID : 69135212031
Option 3 ID : 69135212032
Option 4 ID : 69135212029
Status : Answered
Chosen Option : 2

Q.5 Who among the following was conferred with the Padma Shri Award 2018, in the field of Literature and Education from
2 Maharashtra?

- Ans
- 1. Shri Arvind Gupta
 - 2. Shri Laxman Pai
 - 3. Shri Sharda Sinha
 - 4. Shri Manoj Joshi

Question ID : 6913523084
Option 1 ID : 69135212333
Option 2 ID : 69135212334
Option 3 ID : 69135212335
Option 4 ID : 69135212336
Status : Answered
Chosen Option : 2

Q.5 Which mineral is found in Banda, Sonebhadra and Mirzapur districts?
3

- Ans
- 1. Silver
 - 2. Dolomite
 - 3. Manganese
 - 4. Iron

Question ID : 6913523093
Option 1 ID : 69135212370
Option 2 ID : 69135212371
Option 3 ID : 69135212372
Option 4 ID : 69135212369
Status : Not Answered
Chosen Option : --

Q.5 Choose the correct option to complete the series:
4

() (()))) (() () ((?
-----------	---------	-----------	---

- Ans
- 1. ((()))
 - 2. ((())

X 3.



X 4.



Question ID : 6913523028

Option 1 ID : 69135212110

Option 2 ID : 69135212112

Option 3 ID : 69135212111

Option 4 ID : 69135212109

Status : Answered

Chosen Option : 2

Q.5
5 If $1.5 \div 12 = 0.125$, what is the value of $1500 \div 0.012$?

Ans X 1. 12500

X 2. 125

✓ 3. 125000

X 4. 1250

Question ID : 6913523005

Option 1 ID : 69135212017

Option 2 ID : 69135212020

Option 3 ID : 69135212019

Option 4 ID : 69135212018

Status : Answered

Chosen Option : 3

Q.5
6 What is the number of particles present in 1 mole of any substance?

Ans ✓ 1. 6.022×10^{23}

X 2. 6.023×10^{-22}

X 3. 6.022×10^{-23}

X 4. 6.023×10^{22}

Question ID : 6913523067

Option 1 ID : 69135212265

Option 2 ID : 69135212267

Option 3 ID : 69135212268

Option 4 ID : 69135212266

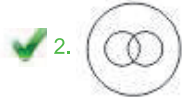
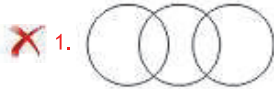
Status : Answered

Chosen Option : 1

Q.5
7 Choose the best suitable Venn diagram for the following words:

Females, Mothers, Sisters

Ans



Question ID : 6913523050

Option 1 ID : 69135212199

Option 2 ID : 69135212197

Option 3 ID : 69135212198

Option 4 ID : 69135212200

Status : Answered

Chosen Option : 3

Q.5 Who received the UNESCO Award of Merit for the iconic Srirangam Ranganathswamy temple in Tiruchirapalli?
8

- Ans
- 1. M. Karunanidhi
 - 2. Edappadi K. Palanichamy
 - 3. O. Panneerselvam
 - 4. J. Jayalalithaa

Question ID : 6913523088

Option 1 ID : 69135212349

Option 2 ID : 69135212350

Option 3 ID : 69135212351

Option 4 ID : 69135212352

Status : Marked For Review

Chosen Option : 2

Q.5 If East becomes North then what will be south become?
9

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

Question ID : 6913523054

Option 1 ID : 69135212216

Option 2 ID : 69135212215

Option 3 ID : 69135212214

Option 4 ID : 69135212213

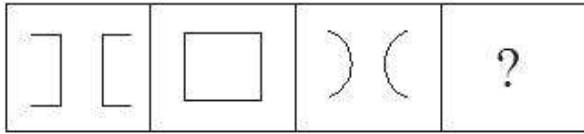
Status : Answered

Chosen Option : 4

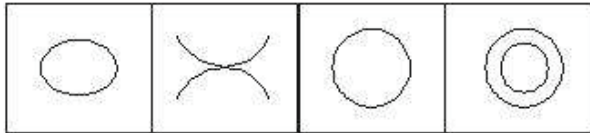
Q.6

0 Pick the figure that will complete the given series.

Problem figures:



Answer figures:



A

B

C

D

Ans 1. D

2. C

3. A

4. B

Question ID : 6913523047

Option 1 ID : 69135212188

Option 2 ID : 69135212187

Option 3 ID : 69135212185

Option 4 ID : 69135212186

Status : Answered

Chosen Option : 2

Q.6 The radii of two cylinders are in the ratio 2 : 3 while their heights are in the ratio 5 : 3. If the total surface areas of the two cylinders are equal, then what would be the ratio of the radius to the height of the cylinders?

Ans 1. 2 : 5

2. 2 : 3

3. 1 : 5

4. 3 : 5

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

Question ID : 6913523019

Option 1 ID : 69135212074

Option 2 ID : 69135212075

Option 3 ID : 69135212073

Option 4 ID : 69135212076

Status : Not Answered

Chosen Option : --

Q.6
2 Which of the following will affect the resistance of a conductor inversely?

Ans 1. Length of conductor

2. Potential difference

3. Area of cross section

4. Temperature of conductor

Question ID : 6913523066

Option 1 ID : 69135212262

Option 2 ID : 69135212264

Option 3 ID : 69135212261

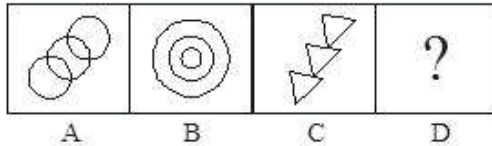
Option 4 ID : 69135212263

Status : Answered

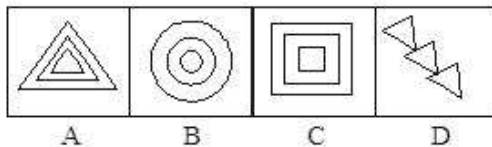
Chosen Option : 3

Q.6 Find the next figure for the given series:

Problem figures:



Answer figures:



Ans 1. B

2. A

3. C

4. D

Question ID : 6913523045

Option 1 ID : 69135212178

Option 2 ID : 69135212177

Option 3 ID : 69135212179

Option 4 ID : 69135212180

Status : Answered

Chosen Option : 2

Q.6 Which of the following numbers will have an irrational square root?

Ans 1. 9216

2. 6561

3. 8192

4. 2704

Question ID : 6913523001

Option 1 ID : 69135212001

Option 2 ID : 69135212002

Option 3 ID : 69135212003

Option 4 ID : 69135212004

Status : Answered

Chosen Option : 3

Q.6
5 The measure of each interior angle of a regular octagon is:

- Ans
- 1. 135°
 - 2. 125°
 - 3. 115°
 - 4. 120°

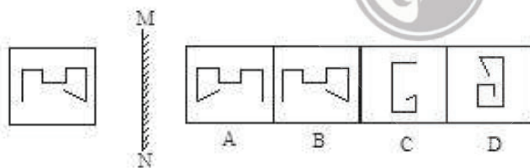
Question ID : 6913523025
Option 1 ID : 69135212099
Option 2 ID : 69135212100
Option 3 ID : 69135212098
Option 4 ID : 69135212097
Status : Answered
Chosen Option : 1

Q.6
6 A tractor can finish its journey in 8 hours at the speed of 60 km/hr speed. If the same distance must be covered in 5 hours, what should be the speed of the tractor?

- Ans
- 1. 96 km/hr
 - 2. 90 km/hr
 - 3. 80 km/hr
 - 4. 86 km/hr

Question ID : 6913523013
Option 1 ID : 69135212050
Option 2 ID : 69135212052
Option 3 ID : 69135212051
Option 4 ID : 69135212049
Status : Answered
Chosen Option : 1

Q.6
7 Choose the mirror image for the following figure.



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

Question ID : 6913523055
Option 1 ID : 69135212217
Option 2 ID : 69135212219
Option 3 ID : 69135212220
Option 4 ID : 69135212218
Status : Answered
Chosen Option : 1

Q.6
8 Who among the following was selected as Youth Boxer of the year 2017, by Asian Confederation of Youth Boxing?

- Ans 1. Sachin Siwach
 2. Ali Qamar
 3. Jitender Kumar
 4. Akhil Kumar

Question ID : 6913523082
Option 1 ID : 69135212328
Option 2 ID : 69135212326
Option 3 ID : 69135212327
Option 4 ID : 69135212325
Status : Answered
Chosen Option : 1

Q.6 The following table shows the results of the students who have attended an examination. What percentage of students
9 passed?

Result	No. of students
Pass	150
Fail	100

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

Question ID : 6913523040
Option 1 ID : 69135212158
Option 2 ID : 69135212160
Option 3 ID : 69135212159
Option 4 ID : 69135212157
Status : Answered
Chosen Option : 3

Q.7 A survey of 170 families, 115 drink Coffee, 110 drink Tea and 130 drink Milk. Also, 85 drink Coffee and Milk, 75 drink
0 Coffee and Tea, 95 drink Tea and Milk, 70 drink all the three. Find How many use Coffee and Milk but not Tea.

- Ans 1. 18
 2. 25
 3. 20
 4. 15

Question ID : 6913523043
Option 1 ID : 69135212170
Option 2 ID : 69135212172
Option 3 ID : 69135212171
Option 4 ID : 69135212169
Status : Answered
Chosen Option : 4

Q.7
1 The force of attraction between two objects is called the _____.

- Ans 1. electromagnetic force

- 2. centrifugal force
- 3. gravitational force
- 4. centripetal force

Question ID : 6913523058
Option 1 ID : 69135212231
Option 2 ID : 69135212232
Option 3 ID : 69135212230
Option 4 ID : 69135212229
Status : Answered
Chosen Option : 3

Q.7 Find the next letter in the given series.

X, S, O, ?, J

- Ans
- 1. K
 - 2. P
 - 3. G
 - 4. L

Question ID : 6913523036
Option 1 ID : 69135212141
Option 2 ID : 69135212144
Option 3 ID : 69135212142
Option 4 ID : 69135212143
Status : Answered
Chosen Option : 4

Q.7 In a certain code, QUANTITY is written as YTIITNAUQ. How will QUALITY be written as in that code?

- Ans
- 1. TYLAUG
 - 2. YTIUCQG
 - 3. IATYAQ
 - 4. YTILAUQ

Question ID : 6913523031
Option 1 ID : 69135212123
Option 2 ID : 69135212121
Option 3 ID : 69135212124
Option 4 ID : 69135212122
Status : Answered
Chosen Option : 4

Q.7 The battle of Khanua was fought in the year _____.

- Ans
- 1. 1527
 - 2. 1521
 - 3. 1529
 - 4. 1525

Question ID : 6913523095
Option 1 ID : 69135212377
Option 2 ID : 69135212380
Option 3 ID : 69135212379
Option 4 ID : 69135212378
Status : Answered
Chosen Option : 1

Q.7 Consider the given statement(s) and decide which of the given assumptions is/are implicit in the statement.

5

Statement:

Money is the root cause of all the crimes.

Assumptions:

- I. Every crime has a cause.
- II. There are crimes in every situation.

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

Question ID : 6913523034
Option 1 ID : 69135212136
Option 2 ID : 69135212133
Option 3 ID : 69135212134
Option 4 ID : 69135212135
Status : Answered
Chosen Option : 2

Q.7 Who was bestowed with the Padma Bhushan award in the field of Art Music from Maharashtra in 2018?

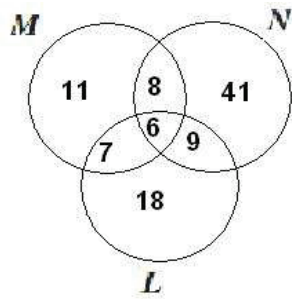
6

- Ans
- 1. AR Rehman
 - 2. Ilaiyaraaja
 - 3. SP Balasubrahmanyam
 - 4. Arvind Parikh

Question ID : 6913523085
Option 1 ID : 69135212339
Option 2 ID : 69135212340
Option 3 ID : 69135212338
Option 4 ID : 69135212337
Status : Answered
Chosen Option : 4

Q.7

7



The above Venn diagram represent the students who play 3 sports M, N and L in a class:

Total number of students who play game N is:

- Ans
- 1. 41
 - 2. 64
 - 3. 23
 - 4. 9

Question ID : 6913523051
 Option 1 ID : 69135212202
 Option 2 ID : 69135212203
 Option 3 ID : 69135212204
 Option 4 ID : 69135212201
 Status : Answered
 Chosen Option : 2

Q.7 Sunda Strait lies between two islands. One of them is Java. Which is the other island?

- Ans
- 1. Maluku
 - 2. Borneo
 - 3. Sulawesi
 - 4. Sumatra

Question ID : 6913523097
 Option 1 ID : 69135212387
 Option 2 ID : 69135212386
 Option 3 ID : 69135212385
 Option 4 ID : 69135212388
 Status : Marked For Review
 Chosen Option : 1

Q.7 Which former union minister was conferred with the Japan's imperial decoration 'Order of the Rising Sun' award for his contribution towards fostering Japan-India ties?

- Ans
- 1. Ashwani Kumar
 - 2. Sushma Swaraj
 - 3. Suresh Prabhu
 - 4. Nirmala Sitaraman

Question ID : 6913523089
 Option 1 ID : 69135212355
 Option 2 ID : 69135212354
 Option 3 ID : 69135212356
 Option 4 ID : 69135212353

Status : Marked For Review
Chosen Option : 2

Q.8
0 The value of $32 \div (20 - 12 \div 3 \times 7)$ is:

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

Question ID : 6913523004
Option 1 ID : 69135212015
Option 2 ID : 69135212013
Option 3 ID : 69135212016
Option 4 ID : 69135212014
Status : Answered
Chosen Option : 4

Q.8
1 With which of the following sports is Khushbir Kaur related to?

- Ans
- 1. Table tennis
 - 2. Cricket
 - 3. Basket ball
 - 4. Athletics

Question ID : 6913523083
Option 1 ID : 69135212332
Option 2 ID : 69135212329
Option 3 ID : 69135212330
Option 4 ID : 69135212331
Status : Marked For Review
Chosen Option : 4

Q.8
2 Select the option that is related to the third word on the same basis as the second word is related to the first word.

Neck : Head :: Ground :

- Ans
- 1. Paper
 - 2. Aeroplane
 - 3. Ship
 - 4. Trees

Question ID : 6913523030
Option 1 ID : 69135212118
Option 2 ID : 69135212119
Option 3 ID : 69135212120
Option 4 ID : 69135212117
Status : Answered
Chosen Option : 4

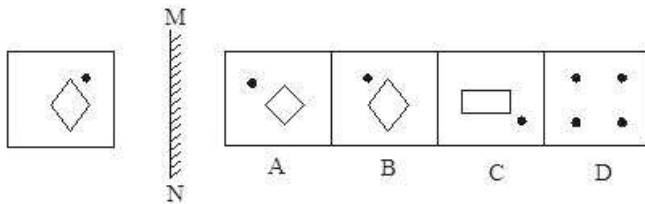
Q.8
3 _____ is the molecular mass of H_2SO_4 .

- Ans
- 1. 98 u

- 2. 99 u
- 3. 90 u
- 4. 96 u

Question ID : 6913523068
 Option 1 ID : 69135212271
 Option 2 ID : 69135212272
 Option 3 ID : 69135212269
 Option 4 ID : 69135212270
 Status : Answered
 Chosen Option : 1

Q.8 Find the mirror image of the given figure if the mirror is placed at line MN.



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

Question ID : 6913523052
 Option 1 ID : 69135212205
 Option 2 ID : 69135212206
 Option 3 ID : 69135212207
 Option 4 ID : 69135212208
 Status : Answered
 Chosen Option : 2

Q.8 Name the country where the Lok Sabha speaker Sumitra Mahajan attended the Conference of Speakers and Presiding Officers of the Commonwealth.

- Ans
- 1. Seychelles
 - 2. Sri Lanka
 - 3. Djibouti
 - 4. Mauritius

Question ID : 6913523092
 Option 1 ID : 69135212366
 Option 2 ID : 69135212368
 Option 3 ID : 69135212365
 Option 4 ID : 69135212367
 Status : Marked For Review
 Chosen Option : 3

Q.8 PVC stands for:

- Ans
- 1. Polyvinyl chloride

- 2. Polyvinyl chlorate
- 3. Polyvinyl carbon
- 4. Polyvinyl carbonate

Question ID : 6913523072
Option 1 ID : 69135212287
Option 2 ID : 69135212286
Option 3 ID : 69135212285
Option 4 ID : 69135212288
Status : Answered
Chosen Option : 1

Q.8
7 If + means \div , \div means $-$, $-$ means \times , \times means $+$, then $42 + 6 \div 5 - 3 \times 70 = ?$

- Ans
- 1. 62
 - 2. 68
 - 3. 70
 - 4. 72

Question ID : 6913523037
Option 1 ID : 69135212148
Option 2 ID : 69135212147
Option 3 ID : 69135212146
Option 4 ID : 69135212145
Status : Answered
Chosen Option : 1

Q.8
8 Simplify the following expression:

$$7\sqrt{48} + 7\sqrt{147}$$

- Ans
- 1. $76\sqrt{3}$
 - 2. $77\sqrt{7}$
 - 3. $77\sqrt{3}$
 - 4. $76\sqrt{7}$

Question ID : 6913523003
Option 1 ID : 69135212012
Option 2 ID : 69135212010
Option 3 ID : 69135212009
Option 4 ID : 69135212011
Status : Answered
Chosen Option : 3

Q.8
9 Choose the option that is NOT true about vascular system.

- Ans
- 1. Blood flows at high pressure, with jerk and faster in them.
 - 2. Human heart is the size of a clenched fist
 - 3. Blood is commonly called the river of life.

4. It forms about 7-8% of the body weight.

Question ID : 6913523078

Option 1 ID : 69135212309

Option 2 ID : 69135212312

Option 3 ID : 69135212311

Option 4 ID : 69135212310

Status : Answered

Chosen Option : 1

Q.9 A porter lifts a luggage of 14 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work done by him on the luggage.

- Ans
- 1. 140 J
 - 2. 155 J
 - 3. 210 N
 - 4. 210 J

Question ID : 6913523061

Option 1 ID : 69135212243

Option 2 ID : 69135212241

Option 3 ID : 69135212244

Option 4 ID : 69135212242

Status : Answered

Chosen Option : 4

Q.9 If $\tan A = \frac{3}{4}$, then $(1 + \cos A)(1 - \cos A)/(1 + \sin A)(1 - \sin A) = ?$

- Ans
- 1. $\frac{16}{25}$
 - 2. $\frac{9}{25}$
 - 3. $\frac{16}{9}$
 - 4. $\frac{9}{16}$

Question ID : 6913523023

Option 1 ID : 69135212090

Option 2 ID : 69135212091

Option 3 ID : 69135212089

Option 4 ID : 69135212092

Status : Answered

Chosen Option : 4

Q.9 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

2

Statement:

How to avoid mosquito breeding at home?

Arguments:

- I. Yes, we should remove clutter and stagnant water. We should use mosquito repellents and other gadgets to prevent mosquito bites.
- II. No, it is not possible to avert mosquitoes. They will come in particular season and breed. We can try preventive measures.

Ans

- 1. Both I and II are strong.
- 2. Neither I nor II is strong.
- 3. Only argument I is strong.
- 4. Only argument II is strong.

Question ID : 6913523035
Option 1 ID : 69135212137
Option 2 ID : 69135212139
Option 3 ID : 69135212140
Option 4 ID : 69135212138
Status : Answered
Chosen Option : 1

Q.9 By selling a stool for ₹ 72 a carpenter faces a loss of 10%. How much percentage would he gain or lose by selling the stool for ₹ 96?

- Ans
- 1. Profit, 10%
 - 2. Loss, 25%
 - 3. Loss, 16%
 - 4. Profit, 20%

Question ID : 6913523009
Option 1 ID : 69135212035
Option 2 ID : 69135212036
Option 3 ID : 69135212033
Option 4 ID : 69135212034
Status : Answered
Chosen Option : 4

Q.9 Sclerenchyma is composed of _____.

- Ans
- 1. WBC
 - 2. complex cell
 - 3. non-living cell
 - 4. RBC

Question ID : 6913523076
Option 1 ID : 69135212303
Option 2 ID : 69135212302
Option 3 ID : 69135212304
Option 4 ID : 69135212301
Status : Marked For Review
Chosen Option : 2

Q.9 Find the kinetic energy of a ball of mass 2 kg moving with a speed of 30ms^{-1} .

- Ans
- 1. 900 W
 - 2. 900 Pa
 - 3. 900 N
 - 4. 900 J

Question ID : 6913523060
Option 1 ID : 69135212240
Option 2 ID : 69135212239
Option 3 ID : 69135212237
Option 4 ID : 69135212238
Status : Answered
Chosen Option : 4

Q.9 Pipes A, B and C are attached to an empty cistern. The first two can fill the cistern in 7 and 10.5 hours, respectively, whereas the third can drain the cistern, when completely filled, in 6 hours. If all the three pipes are turned on simultaneously when the cistern is half-full, how many hours will be needed to fill the cistern?

- Ans
- 1. 8
 - 2. 14
 - 3. 7.5
 - 4. 7

Question ID : 6913523018
Option 1 ID : 69135212069
Option 2 ID : 69135212071
Option 3 ID : 69135212072
Option 4 ID : 69135212070
Status : Answered
Chosen Option : 4

Q.9 Momentum of a body depends upon _____.

- Ans
- 1. force acting on the body
 - 2. mass of the body
 - 3. both mass and velocity of the body
 - 4. velocity of the body

Question ID : 6913523057
Option 1 ID : 69135212225
Option 2 ID : 69135212226
Option 3 ID : 69135212228
Option 4 ID : 69135212227
Status : Answered
Chosen Option : 3

Q.9 Sham deposits ₹ X for 2 years at 8% per annum compounded interest annually, which amounts to ₹ 72,900. Then what is the value of 'X'?

- Ans
- 1. ₹ 60,000
 - 2. ₹ 62,000
 - 3. ₹ 62,500
 - 4. ₹ 60,500

Question ID : 6913523012
Option 1 ID : 69135212046
Option 2 ID : 69135212048
Option 3 ID : 69135212045

Option 4 ID : 69135212047
Status : Answered
Chosen Option : 3

Q.9 34 men can do a piece of work in 12 days. How many days will 51 men take to do it?

- Ans 1. 8
 2. 5
 3. 10
 4. 6

Question ID : 6913523015
Option 1 ID : 69135212057
Option 2 ID : 69135212058
Option 3 ID : 69135212059
Option 4 ID : 69135212060
Status : Answered
Chosen Option : 1

Q.10 In an attempt to discover young talent, NITI Aayog, India's premier think-tank is launching the:

- Ans 1. Mentor India campaign
 2. Pravah India campaign
 3. Youth Ki Awaaz campaign
 4. Chetana India campaign

Question ID : 6913523100
Option 1 ID : 69135212397
Option 2 ID : 69135212400
Option 3 ID : 69135212398
Option 4 ID : 69135212399
Status : Answered
Chosen Option : 1

