



# RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

## Level-1 Posts CEN-02/2018

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Test Date:	17/09/2018
Test Time:	9:00 AM - 10:30 AM
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 ₹ 720 was divided among A, B, C, D, E. The sum received by them was in ascending order and in Arithmetic Progression. E received ₹ 40 more than A. How much did B receive?

- Ans
- 1. ₹ 134
  - 2. ₹ 154
  - 3. ₹ 144
  - 4. ₹ 124

Question ID : 6913529  
Option 1 ID : 69135234  
Option 2 ID : 69135236  
Option 3 ID : 69135235  
Option 4 ID : 69135233  
Status : Answered  
Chosen Option : 3

Q.2 Who portrayed the character of Allauddin Khilji in the controversial movie 'Padmavat'?

- Ans
- 1. Shahid Kapoor
  - 2. Ranveer Singh
  - 3. Ranbir Kapoor
  - 4. Rana Daggubati

Question ID : 69135284  
Option 1 ID : 691352335  
Option 2 ID : 691352334  
Option 3 ID : 691352333  
Option 4 ID : 691352336  
Status : Answered  
Chosen Option : 2

Q.3 How many medals did India win in the US Open Karate Championship held in Las Vegas in April 2017?

- Ans
- 1. 17
  - 2. 16
  - 3. 12
  - 4. 15

Question ID : 69135282  
Option 1 ID : 691352327  
Option 2 ID : 691352328  
Option 3 ID : 691352326  
Option 4 ID : 691352325  
Status : Answered  
Chosen Option : 2

Q.4 Dayanand Saraswati was the founder of which of the following missions?

- Ans
- 1. Brahmo Samaj
  - 2. Chinmaya Mission
  - 3. Arya Samaj
  - 4. Prarthana Samaj

Question ID : 69135294  
Option 1 ID : 691352375  
Option 2 ID : 691352373  
Option 3 ID : 691352374  
Option 4 ID : 691352376  
Status : Answered  
Chosen Option : 1

Q.5 The mass of the Earth is:

- Ans
- 1.  $6 \times 10^{-23}$  kg
  - 2.  $6 \times 10^{23}$  kg
  - 3.  $6 \times 10^{-24}$  kg
  - 4.  $6 \times 10^{24}$  kg

Question ID : 69135258  
Option 1 ID : 691352232  
Option 2 ID : 691352231  
Option 3 ID : 691352229  
Option 4 ID : 691352230  
Status : Answered  
Chosen Option : 4

Q.6 Find the next term in the following series.

5I, 7J, 11L, 17O, ?

- Ans
- 1. 25S
  - 2. 25Y
  - 3. 20P
  - 4. 18C

Question ID : 69135237  
Option 1 ID : 691352148  
Option 2 ID : 691352147  
Option 3 ID : 691352146  
Option 4 ID : 691352145  
Status : Answered  
Chosen Option : 1

Q.7 Which of the given assumptions are implied from the below statement?

**Statement:**

“I need your notes to study,” said student 1 to student 2.

**Assumptions:**

- I. Student 2 has prepared notes.
- II. Student 1 wants to verify his understanding.

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

Question ID : 69135235  
Option 1 ID : 691352137  
Option 2 ID : 691352140  
Option 3 ID : 691352139  
Option 4 ID : 691352138  
Status : Answered  
Chosen Option : 1

Q.8 Two trains, one 152.5 m long and the other 157.5 m long, coming from opposite directions crossed each other in 9.3 seconds. The combined speed of the two trains every hour would then be:

- Ans
- 1. 130 km
  - 2. 125 km
  - 3. 115 km
  - 4. 120 km

Question ID : 69135214  
Option 1 ID : 69135255  
Option 2 ID : 69135253  
Option 3 ID : 69135256  
Option 4 ID : 69135254  
Status : Answered  
Chosen Option : 3

Q.9 In the modern periodic table, which group elements have a complete outer shell?

- Ans
- 1. 15<sup>th</sup>
  - 2. 18<sup>th</sup>
  - 3. 16<sup>th</sup>
  - 4. 17<sup>th</sup>

Question ID : 69135274  
Option 1 ID : 691352296  
Option 2 ID : 691352293  
Option 3 ID : 691352295  
Option 4 ID : 691352294  
Status : Not Answered  
Chosen Option : --

Q.1  
0 What is the next term in this series?

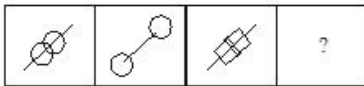
B25Y, D23W, F21U, \_\_\_\_\_.

- Ans
- 1. I19V
  - 2. H19S
  - 3. I20T
  - 4. H20V

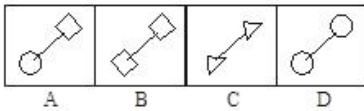
Question ID : 69135238  
Option 1 ID : 691352152  
Option 2 ID : 691352149  
Option 3 ID : 691352150  
Option 4 ID : 691352151  
Status : Answered  
Chosen Option : 2

Q.1  
1 Which answer figure will come next in the given problem figure series?

Problem figures:



Answer figures:



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

Question ID : 69135244  
Option 1 ID : 691352176  
Option 2 ID : 691352174  
Option 3 ID : 691352175  
Option 4 ID : 691352173  
Status : Answered  
Chosen Option : 2

Q.1  
2 The ratio of the mass of hydrogen to the mass of oxygen is always \_\_\_\_\_.

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

Question ID : 69135269  
Option 1 ID : 691352276  
Option 2 ID : 691352274  
Option 3 ID : 691352273

Option 4 ID : 691352275  
Status : Answered  
Chosen Option : 4

Q.1  
3 खालीलपैकी कोणता प्राणी उष्ण-रक्ताचा असतो?

- Ans
- 1. पारवा
  - 2. मासा
  - 3. मगर
  - 4. टॉड

Question ID : 69135276  
Option 1 ID : 691352304  
Option 2 ID : 691352301  
Option 3 ID : 691352303  
Option 4 ID : 691352302  
Status : Answered  
Chosen Option : 3

Q.1  
4 Which of the following country hosts the Academy (Oscar) Awards for excellence in cinema every year?

- Ans
- 1. France
  - 2. UK
  - 3. Canada
  - 4. USA

Question ID : 69135286  
Option 1 ID : 691352343  
Option 2 ID : 691352341  
Option 3 ID : 691352344  
Option 4 ID : 691352342  
Status : Answered  
Chosen Option : 4

Q.1  
5 यांपैकी कोणती जोडी ही जुळ्या मूळ संख्यांची जोडी आहे?

- Ans
- 1. (43, 47)
  - 2. (3, 7)
  - 3. (37, 41)
  - 4. (71, 73)

Question ID : 69135239  
Option 1 ID : 691352154  
Option 2 ID : 691352153  
Option 3 ID : 691352155  
Option 4 ID : 691352156  
Status : Answered  
Chosen Option : 1

Q.1  
6 How many water molecules are present in one molecule of washing soda?

- Ans
- 1. 8
  - 2. 5
  - 3. 7
  - 4. 10

Question ID : 69135270  
Option 1 ID : 691352279  
Option 2 ID : 691352277  
Option 3 ID : 691352278  
Option 4 ID : 691352280  
Status : Answered  
Chosen Option : 1

Q.1  
7 Which of the following sports is Satyawart Kadiyan related to?

- Ans
- 1. Hockey
  - 2. Kabaddi
  - 3. Wrestling
  - 4. Football

Question ID : 69135283  
Option 1 ID : 691352329  
Option 2 ID : 691352332  
Option 3 ID : 691352330  
Option 4 ID : 691352331  
Status : Answered  
Chosen Option : 2

Q.1  
8 Which of the following metals reacts with steam to form metal oxide and hydrogen?

- Ans
- 1. Copper
  - 2. Silver
  - 3. Lead
  - 4. Aluminium

Question ID : 69135273  
Option 1 ID : 691352290  
Option 2 ID : 691352291  
Option 3 ID : 691352289  
Option 4 ID : 691352292  
Status : Not Answered  
Chosen Option : --

Q.1  
9 The area of the triangle whose vertices are given by (1, 2), (-4, -3) and (4, 1) is:

- Ans
- 1. 7 sq. units
  - 2. 20 sq. units
  - 3. 10 sq. units
  - 4. 14 sq. units

Question ID : 69135224  
Option 1 ID : 69135296  
Option 2 ID : 69135293  
Option 3 ID : 69135294  
Option 4 ID : 69135295  
Status : Not Answered  
Chosen Option : --

Q.2  
0

खाली एक विधान आणि I व II अशी दोन गृहीतके दिलेली आहेत. दिलेले विधान आणि गृहीतकांना विचारात घेऊन कोणते/ती गृहीतक/के विधानामध्ये अंतर्निहित आहेत हे ठरवा.

**विधान:**

शाश्वत विकासासाठी घरांना ऊर्जा-सक्षम बनवणे महत्त्वाचे आहे.

**गृहीतके:**

- I. घरातील लाईट बल्बच्या ऐवजी कॉम्पॅक्ट फ्लूरोसेंट लॅम्प्स (CFLs) वापरा.
- II. आपल्या घराभोवती सावल्या देणारी झाडेझुडपे लावा. उत्तम लँडस्केपिंग करून (खासकरून पानझडीचे वृक्ष) विशेषतः त्यांना घराच्या पश्चिमेकडे लावले गेल्यास ऊर्जेची बचत केली जाऊ शकते.

Ans

1. केवळ निष्कर्ष I अंतर्निहित आहे.
2. केवळ निष्कर्ष II अंतर्निहित आहे.
3. दोन्ही निष्कर्ष I आणि II अंतर्निहित आहेत.
4. निष्कर्ष I आणि II यांपैकी एकही अंतर्निहित नाही.

Question ID : 69135233

Option 1 ID : 691352129

Option 2 ID : 691352130

Option 3 ID : 691352132

Option 4 ID : 691352131

Status : Answered

Chosen Option : 2

Q.2 President Ram Nath Kovind has felicitated \_\_\_\_\_ exceptional women achievers at Rashtrapati Bhawan in New Delhi.

1 These 'FIRST LADIES' are those who are first to set milestone of achievement in their respective fields.

Ans

1. 111
2. 112
3. 114
4. 113

Question ID : 69135289

Option 1 ID : 691352354

Option 2 ID : 691352353

Option 3 ID : 691352356

Option 4 ID : 691352355

Status : Answered

Chosen Option : 4

Q.2  
2 The HCF of two co-prime numbers is:

Ans

1. 2
2. 0
3. the product of the co-primes
4. 1

Question ID : 6913522

Option 1 ID : 6913527

Option 2 ID : 6913526

Option 3 ID : 6913528

Option 4 ID : 6913525

Status : Answered

Chosen Option : 4

Q.2  
3 The resistance of a conductor does NOT depend on which of the following factors?

Ans

1. Length

2. Area of cross section

3. Pressure

4. Material

Question ID : 69135266

Option 1 ID : 691352261

Option 2 ID : 691352262

Option 3 ID : 691352264

Option 4 ID : 691352263

Status : Not Answered

Chosen Option : --

Q.2  
4  $(\cos^2\theta + \frac{1}{\operatorname{cosec}^2\theta}) + 17 = x$ . What is the value of  $x^2$  ?

Ans  1. 18

2. 324

3. 256

4. 16

Question ID : 69135225

Option 1 ID : 69135298

Option 2 ID : 69135299

Option 3 ID : 691352100

Option 4 ID : 69135297

Status : Not Answered

Chosen Option : --

Q.2  
5 वस्तुवर होत असलेल्या गुरुत्वाकर्षणाच्या प्रभावास \_\_\_\_\_ म्हणून ओळखतात.

Ans  1. आवेग

2. त्वरण

3. वस्तुमान

4. वजन

Question ID : 69135257

Option 1 ID : 691352228

Option 2 ID : 691352226

Option 3 ID : 691352227

Option 4 ID : 691352225

Status : Answered

Chosen Option : 1

Q.2  
6

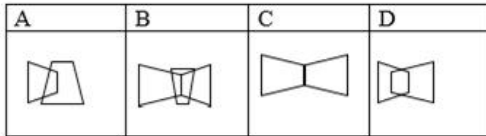


Which of the option figures bears the closest resemblance to the question figure?

**Problem Figure:**



**Answer Figures:**



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

Question ID : 69135245

Option 1 ID : 691352178

Option 2 ID : 691352180

Option 3 ID : 691352179

Option 4 ID : 691352177

Status : Answered

Chosen Option : 1

Q.2 What was the theme of the 2016 Indian Film Festival of Melbourne (IFFM) at which Sonam Kapoor won the Best Actress Award for her performance in Neerja Bhanot's biopic 'Neerja'?

- Ans
- 1. Enrichment of Women Status
  - 2. Female Empowerment
  - 3. Beti Bachao
  - 4. Celebration of Life

Question ID : 69135285

Option 1 ID : 691352339

Option 2 ID : 691352340

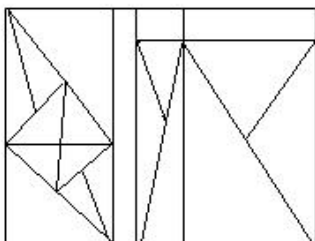
Option 3 ID : 691352338

Option 4 ID : 691352337

Status : Answered

Chosen Option : 2

Q.2 How many triangles are there in the following figure?



- Ans
- 1. 25
  - 2. 23
  - 3. 24
  - 4. 27

Question ID : 69135252  
Option 1 ID : 691352207  
Option 2 ID : 691352205  
Option 3 ID : 691352206  
Option 4 ID : 691352208  
Status : Not Answered  
Chosen Option : --

Q.2 Name the badminton player who won his maiden Super Series title in Singapore in April 2017?

9

- Ans
- 1. Sai Praneeth
  - 2. Srikanth Kidambi
  - 3. Prannoy Kumar
  - 4. Parupalli Kashyap

Question ID : 69135281  
Option 1 ID : 691352322  
Option 2 ID : 691352321  
Option 3 ID : 691352323  
Option 4 ID : 691352324  
Status : Answered  
Chosen Option : 2

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

0

What is the total weight of 20 cartons of Vegetables? Each of them weighs equal.

Statements:

1. Of the first 10 boxes, one-third of each box weighs 10 kg
2. The total weight of 6 boxes is 40 kg more than the total weight of 4 boxes

- Ans
- 1. Both Statements 1 and 2 alone are sufficient
  - 2. Statement 2 alone is sufficient
  - 3. Statement 1 alone is sufficient
  - 4. Statement 1 and 2 are not sufficient

Question ID : 69135242  
Option 1 ID : 691352168  
Option 2 ID : 691352167  
Option 3 ID : 691352166  
Option 4 ID : 691352165  
Status : Answered  
Chosen Option : 3

Q.3 In which of the following processes is oxygen released into the air?

1

- Ans
- 1. Photosynthesis
  - 2. Respiration
  - 3. Transpiration
  - 4. Excretion

Question ID : 69135278  
Option 1 ID : 691352311  
Option 2 ID : 691352309  
Option 3 ID : 691352310  
Option 4 ID : 691352312  
Status : Answered  
Chosen Option : 4

Q.3  
2 In which of the following media does sound travel the fastest?

- Ans
- 1. Gases
  - 2. Vacuum
  - 3. Liquids
  - 4. Solids

Question ID : 69135263  
Option 1 ID : 691352251  
Option 2 ID : 691352252  
Option 3 ID : 691352250  
Option 4 ID : 691352249  
Status : Answered  
Chosen Option : 2

Q.3  
3 Which of the following is true?

- Ans
- 1.  $\frac{9}{16} < \frac{13}{24}$
  - 2.  $\frac{9}{16} = \frac{13}{24}$
  - 3.  $\frac{9}{16} > \frac{13}{24}$
  - 4.  $\frac{9}{16} \leq \frac{13}{24}$

Question ID : 6913524  
Option 1 ID : 69135214  
Option 2 ID : 69135213  
Option 3 ID : 69135215  
Option 4 ID : 69135216  
Status : Answered  
Chosen Option : 2

Q.3  
4 In physics work done is defined as

- A. A force has acted on an object without causing any displacement of it.
- B. Object is displaced
- C. A force has acted on the object
- D. All of the above

- Ans
- 1. D is correct
  - 2. B and C are correct
  - 3. A and B are correct
  - 4. A and C are correct

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

Question ID : 69135260

Option 1 ID : 691352240  
Option 2 ID : 691352238  
Option 3 ID : 691352237  
Option 4 ID : 691352239  
Status : Answered  
Chosen Option : 4

Q.3  
5 Which of the following illustrates Newton's third law of motion?

Ans  1.

When a bus starts suddenly, the passengers receive a backward jerk.

2.

While catching a fast-moving cricket ball, the fielder gradually pulls his hand backwards with the moving ball.

3. The launching of a rocket.

4. When we stop pedalling, the bicycle slow down.

Question ID : 69135259  
Option 1 ID : 691352235  
Option 2 ID : 691352236  
Option 3 ID : 691352234  
Option 4 ID : 691352233  
Status : Answered  
Chosen Option : 1

Q.3  
6 A committee under the chairmanship of Uday Kotak was constituted in 2017 to improve efficiency in:

Ans  1. customer satisfaction

2. labour management relations

3. government policies

4. corporate governance

Question ID : 69135299  
Option 1 ID : 691352393  
Option 2 ID : 691352394  
Option 3 ID : 691352396  
Option 4 ID : 691352395  
Status : Answered  
Chosen Option : 3

Q.3  
7 The fertilised egg, the zygote, gets implanted in the:

Ans  1. cervix

2. ovary

3. vagina

4. uterus

Question ID : 69135280  
Option 1 ID : 691352319  
Option 2 ID : 691352320  
Option 3 ID : 691352318  
Option 4 ID : 691352317  
Status : Answered  
Chosen Option : 2

Q.3  
8 When a body moves on a circular path, the force that acts on the revolving body towards the center is called:

Ans  1. simple force

2. gravitational force

3. centripetal force

4. angular force

Question ID : 69135262

Option 1 ID : 691352247

Option 2 ID : 691352245

Option 3 ID : 691352246

Option 4 ID : 691352248

Status : Answered

Chosen Option : 3

Q.3  
9  $56 \div \frac{1}{3} \{15 + 12 - (9 + 6 - \overline{5 + 7})\} = ?$

Ans  1. 12

2. 7

3. 9

4. 8

Question ID : 6913525

Option 1 ID : 69135217

Option 2 ID : 69135220

Option 3 ID : 69135218

Option 4 ID : 69135219

Status : Not Answered

Chosen Option : --

Q.4  
0 Name the first city in India to use a robot to control traffic.

Ans  1. Kochi

2. Indore

3. Varanasi

4. Jaipur

Question ID : 691352100

Option 1 ID : 691352400

Option 2 ID : 691352399

Option 3 ID : 691352398

Option 4 ID : 691352397

Status : Answered

Chosen Option : 1

Q.4  
1 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

**Statement:**

- All petals are flowers.
- Some petals are yellow.
- All yellows are flowers.

**Conclusions:**

1. All flowers are yellow.
2. All yellows are petals.

Ans  1. None of the conclusions follow

- 2. Only conclusion 2 follows
- 3. Only conclusion 1 follows
- 4. Both the conclusions follow

Question ID : 69135227  
Option 1 ID : 691352108  
Option 2 ID : 691352105  
Option 3 ID : 691352107  
Option 4 ID : 691352106  
Status : Answered  
Chosen Option : 1

Q.4  
2 Which is the second company to hit \$900 billion market capitalization after Apple?

- Ans
- 1. Google
  - 2. Walmart
  - 3. Amazon
  - 4. Facebook

Question ID : 69135298  
Option 1 ID : 691352389  
Option 2 ID : 691352392  
Option 3 ID : 691352390  
Option 4 ID : 691352391  
Status : Answered  
Chosen Option : 4

Q.4  
3 Which union minister has launched PowerTex India scheme to boost powerloom sector?

- Ans
- 1. Smriti Irani
  - 2. Maneka Gandhi
  - 3. Nitin Gadkari
  - 4. Ravi Shankar Prasad

Question ID : 69135292  
Option 1 ID : 691352366  
Option 2 ID : 691352367  
Option 3 ID : 691352365  
Option 4 ID : 691352368  
Status : Answered  
Chosen Option : 1

Q.4  
4 Which of the following state governments launched the 'Quit India 2-from Swaraaj to Suraj' initiative at the historic August Kranti Maidan in August 2016?

- Ans
- 1. Haryana
  - 2. Maharashtra
  - 3. Madhya Pradesh
  - 4. West Bengal

Question ID : 69135290  
Option 1 ID : 691352357  
Option 2 ID : 691352358  
Option 3 ID : 691352359  
Option 4 ID : 691352360  
Status : Answered  
Chosen Option : 2

Q.4 Who has been chosen for the RedInk Award for Lifetime Achievement in Journalism for 2018?

5

Ans  1. Mark Tully

2. Arun Shourie

3. Barkha Dutt

4. N. Ram

Question ID : 69135287

Option 1 ID : 691352346

Option 2 ID : 691352345

Option 3 ID : 691352347

Option 4 ID : 691352348

Status : Answered

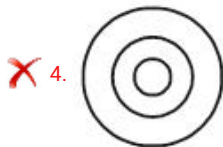
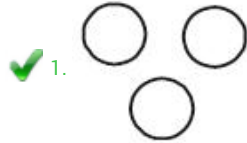
Chosen Option : 1

Q.4 Choose the most suitable Venn diagram for the following words.

6

Horse, Monkey, Tiger

Ans



Question ID : 69135251

Option 1 ID : 691352203

Option 2 ID : 691352201

Option 3 ID : 691352202

Option 4 ID : 691352204

Status : Answered

Chosen Option : 1

Q.4 Rohan and Rohit together can do a certain job in 10 days while Rohan alone can do the same job in 15 days. How many days Rohit alone will do the same job?

7

Ans  1. 25 days

2. 32 days

3. 35 days

4. 30 days

Question ID : 69135215

Option 1 ID : 69135260  
Option 2 ID : 69135259  
Option 3 ID : 69135257  
Option 4 ID : 69135258  
Status : Answered  
Chosen Option : 4

Q.4 The compound interest on ₹ 1,60,000 for 2 years at 10% per annum when compounded semi-annually is:  
8

- Ans
- 1. ₹ 34,400
  - 2. ₹ 34,481
  - 3. ₹ 30,000
  - 4. ₹ 34,480

Question ID : 69135212  
Option 1 ID : 69135247  
Option 2 ID : 69135245  
Option 3 ID : 69135248  
Option 4 ID : 69135246  
Status : Answered  
Chosen Option : 4

Q.4 जरी दिलेल्या विधानांमध्ये सामान्यतः जात तथ्यांशी तफावत असल्याचे आढळत असेल तरीही त्यांना सत्य मानून  
9 दिलेल्या निष्कर्षांपैकी कोणता(ते) या विधानाशी तर्कसंगत आहे/त हे ठरवा.

विधान:

चमकणारे सर्व सोने नसते.

निष्कर्ष:

- I. बाहेरून चांगल्या दिसणाऱ्या गोष्टी कदाचित आतून चांगल्या असतीलच असे नाही.
- II. आपण दुरून कोणत्याही गोष्टीच्या किंवा व्यक्तीच्या चकचकीत मुखवट्याच्या मागील सत्याची कल्पना करू शकत नाही.

- Ans
- 1. केवळ निष्कर्ष II तर्कसंगत आहे.
  - 2. निष्कर्ष I आणि II तर्कसंगत आहेत.
  - 3. केवळ निष्कर्ष I तर्कसंगत आहे.
  - 4. निष्कर्ष I आणि II यांपैकी एकही तर्कसंगत नाही.

Question ID : 69135232  
Option 1 ID : 691352126  
Option 2 ID : 691352128  
Option 3 ID : 691352125  
Option 4 ID : 691352127  
Status : Answered  
Chosen Option : 2

Q.5 A force increases the speed of a 1.0 kg object from 4 m/s to 8 m/s. The work done by the force will be \_\_\_\_\_.  
0

- Ans
- 1. 8 J
  - 2. 32 J
  - 3. 24 J
  - 4. 16 J

Question ID : 69135261  
Option 1 ID : 691352241  
Option 2 ID : 691352244



Option 3 ID : 691352243  
Option 4 ID : 691352242  
Status : Answered  
Chosen Option : 2

Q.5  
1 As long as an unbalanced force is applied to a body ,there is a continuous change in its:

- Ans
- 1. weight
  - 2. mass
  - 3. speed
  - 4. shape

Question ID : 69135256  
Option 1 ID : 691352223  
Option 2 ID : 691352222  
Option 3 ID : 691352224  
Option 4 ID : 691352221  
Status : Answered  
Chosen Option : 1

Q.5  
2 Which of the following options is an example of a salt that gives an aqueous solution of pH less than 7?

- Ans
- 1. Sodium carbonate
  - 2. Sodium chloride
  - 3. Ammonium chloride
  - 4. Sodium bicarbonate

Question ID : 69135271  
Option 1 ID : 691352283  
Option 2 ID : 691352281  
Option 3 ID : 691352282  
Option 4 ID : 691352284  
Status : Answered  
Chosen Option : 4

Q.5  
3 \_\_\_\_\_ is the amount of work done in carrying a charge of 4 C across two points having a potential difference of 18 V.

- Ans
- 1. 24 J
  - 2. 72 J
  - 3. 7.2 J
  - 4. 4.5 J

Question ID : 69135265  
Option 1 ID : 691352259  
Option 2 ID : 691352258  
Option 3 ID : 691352260  
Option 4 ID : 691352257  
Status : Not Answered  
Chosen Option : --

Q.5  
4 Which of the following is known as ‘the Princess of Hill Stations’?

- Ans
- 1. Dehradun
  - 2. Kodaikanal
  - 3. Darjeeling
  - 4. Ooty

Question ID : 69135296

Option 1 ID : 691352382

Option 2 ID : 691352384

Option 3 ID : 691352381

Option 4 ID : 691352383

Status : Answered

Chosen Option : 3

Q.5 Identify the award which recognises workers for their distinguished performance, innovative ability, outstanding contribution in the field of productivity and exhibition of exceptional courage and presence of mind.

- Ans
- 1. Krishi Awards
  - 2. Shram Awards
  - 3. Padma Awards
  - 4. Dronacharya Award

Question ID : 69135288

Option 1 ID : 691352351

Option 2 ID : 691352349

Option 3 ID : 691352350

Option 4 ID : 691352352

Status : Answered

Chosen Option : 1

Q.5 A TV set is being sold for ₹ X in Delhi. A dealer went to Chandigarh and bought the TV at 20% discount (from the price of Delhi). He spent ₹ 600 on transport. Thus he sold the set in Delhi for ₹ X making  $\left(\frac{100}{7}\right)\%$  profit What is the value of X?

- Ans
- 1. ₹ 7200
  - 2. ₹ 8000
  - 3. ₹ 8800
  - 4. ₹ 9600

Question ID : 69135211

Option 1 ID : 69135244

Option 2 ID : 69135243

Option 3 ID : 69135242

Option 4 ID : 69135241

Status : Not Answered

Chosen Option : --

Q.5 If  $\sec^4\theta - \sec^2\theta = 3$  then the value of  $\tan^4\theta + \tan^2\theta$  is:

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

Question ID : 69135223

Option 1 ID : 69135292

Option 2 ID : 69135290

Option 3 ID : 69135291

Option 4 ID : 69135289

Status : Not Answered

Chosen Option : --

Q.5  
8

Read the statements and conclusions below.

Statements:

- No cows are cats
- All cats have mustache

Conclusions:

1. Some cows are cats
2. Some cows have mustache

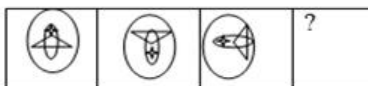
Which conclusion(s) follow(s) the given statement?

- Ans
- 1. Only conclusion 2 follows
  - 2. No conclusion follows
  - 3. All the conclusions follow
  - 4. Only conclusion 1 follows

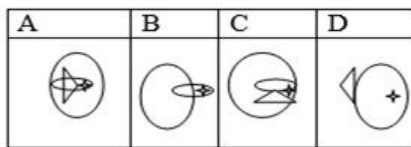
Question ID : 69135228  
Option 1 ID : 691352109  
Option 2 ID : 691352112  
Option 3 ID : 691352110  
Option 4 ID : 691352111  
Status : Answered  
Chosen Option : 2

Q.5 Select the option that can replace the question mark (?) in the following series.

Problem Figure:



Answer Figures:



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

Question ID : 69135246  
Option 1 ID : 691352181  
Option 2 ID : 691352184  
Option 3 ID : 691352182

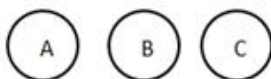
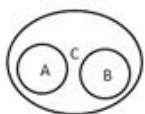
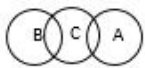
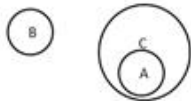
Option 4 ID : 691352183  
Status : Answered  
Chosen Option : 1

Q.6 Which of the following is known as the Upper house of the Indian Parliament?

- Ans
- 1. Supreme court
  - 2. PMO
  - 3. Rajya Sabha
  - 4. Lok Sabha

Question ID : 69135293  
Option 1 ID : 691352371  
Option 2 ID : 691352372  
Option 3 ID : 691352370  
Option 4 ID : 691352369  
Status : Answered  
Chosen Option : 1

Q.6 दिलेल्या वर्गांमध्ये असणारा संबंध खालीलपैकी कोणत्या व्हेन आकृतीने सर्वात योग्यरीत्या दर्शवला जातो?

- 1
- A) व्हेल
  - B) जहाज
  - C) महासागर
- Ans
- 1. 
  - 2. 
  - 3. 
  - 4. 

Question ID : 69135250  
Option 1 ID : 691352197  
Option 2 ID : 691352200  
Option 3 ID : 691352198  
Option 4 ID : 691352199  
Status : Answered  
Chosen Option : 2

Q.6 Consider the given statements to be true even if they seem to be at variance with the commonly known facts and decide which of the given conclusions logically follow(s) from the statements.

Statements:

- Some metals are iron.
- Some iron are heavy.

Conclusion:

1. All iron are metals.
2. All heavy are metals.

- Ans
- 1. Only conclusion 2 follows.

2. No conclusions follow.
3. All the conclusions follow.
4. Only conclusion 1 follows.

Question ID : 69135229  
Option 1 ID : 691352113  
Option 2 ID : 691352116  
Option 3 ID : 691352114  
Option 4 ID : 691352115  
Status : Answered  
Chosen Option : 2

Q.6  
3 What is "Hausala 2017", which was celebrated from 16th November to 20th November 2017?

- Ans  1. Celebration of transgender rights
2. Celebration of women's rights
3. Celebration of children's rights
4. Celebration of senior citizen's rights

Question ID : 69135291  
Option 1 ID : 691352364  
Option 2 ID : 691352362  
Option 3 ID : 691352361  
Option 4 ID : 691352363  
Status : Answered  
Chosen Option : 3

Q.6  
4 A cake is shared among 5 friends. Four friends take  $\frac{1}{8}, \frac{1}{6}, \frac{5}{12}, \frac{1}{12}$  part of the cake, respectively. How much part of the cake does the fifth friend get?

- Ans  1.  $\frac{5}{24}$
2.  $\frac{3}{8}$
3.  $\frac{1}{6}$
4.  $\frac{1}{4}$

Question ID : 6913523  
Option 1 ID : 6913529  
Option 2 ID : 69135212  
Option 3 ID : 69135211  
Option 4 ID : 69135210  
Status : Answered  
Chosen Option : 4

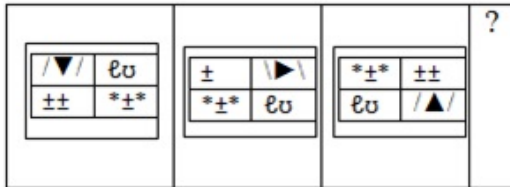
Q.6  
5 Which of the following can exist in solid, liquid and gaseous forms?

- Ans  1. Metalloids
2. Inert elements
3. Non-metals
4. Metals

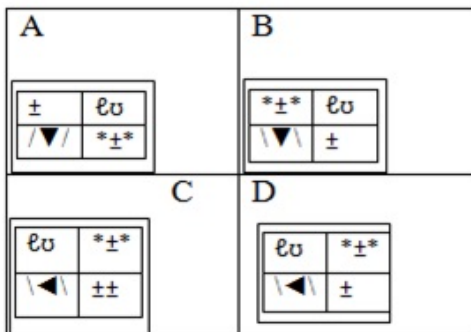
Question ID : 69135272  
Option 1 ID : 691352285

Q.6  
 6 Which of the option figures comes next?

**Problem Figure:**



**Answer Figures:**



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

Q.6  
 7 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

**Statement:**

- All cars are Jeeps.
- All Jeeps are four-wheelers.

**Conclusions:**


1. All four-wheelers are cars.
2. Some four-wheelers are Jeeps.

- Ans
- 1. Neither conclusion follows.
  - 2. All the conclusions follow.
  - 3. Only conclusion 1 follows.

✓ 4. Only conclusion 2 follows.

Question ID : 69135230  
Option 1 ID : 691352120  
Option 2 ID : 691352118  
Option 3 ID : 691352119  
Option 4 ID : 691352117  
Status : Answered  
Chosen Option : 4

Q.6 A clock is fixed on a horizontal table. At 3 pm its minute hand is pointing towards North. At 3.40 pm, the minute hand will point towards?

- 8
- Ans
- ✗ 1. 60° south of west
  - ✗ 2. South-east
  - ✓ 3. 60° west of south
  - ✗ 4. 

Question ID : 69135217  
Option 1 ID : 69135268  
Option 2 ID : 69135266  
Option 3 ID : 69135267  
Option 4 ID : 69135265  
Status : Answered  
Chosen Option : 4

Q.6 

- 9
- Ans
- ✗ 1. 11 hours
  - ✓ 2. 10 hours
  - ✗ 3. 13 hours
  - ✗ 4. 12 hours

Question ID : 69135218  
Option 1 ID : 69135270  
Option 2 ID : 69135269  
Option 3 ID : 69135272  
Option 4 ID : 69135271  
Status : Answered  
Chosen Option : 1

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

0

**Statement:**

“Every city must house an ecological park”, says the Mayor to his secretary.

**Assumptions:**

- I. Ecological parks improve green cover.
- II. Ecological parks help reduce air pollution.

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

Question ID : 69135234

Option 1 ID : 691352135  
Option 2 ID : 691352134  
Option 3 ID : 691352136  
Option 4 ID : 691352133  
Status : Answered  
Chosen Option : 3

Q.7  
1 Find the odd one out.

$\frac{T}{L}$	$\frac{V}{\wedge}$	$\frac{N}{N}$	$\frac{A}{V}$
A	B	C	D

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

Question ID : 69135247  
Option 1 ID : 691352187  
Option 2 ID : 691352185  
Option 3 ID : 691352188  
Option 4 ID : 691352186  
Status : Answered  
Chosen Option : 1

Q.7  
2  $\frac{\sin A + \sin B}{\cos A - \cos B} + \frac{\cos A + \cos B}{\sin A - \sin B} = ?$

- Ans  1.  $\sin A \cos B$   
 2.  $\tan A \tan B$   
 3. 0  
 4.  $\cos A \cos B$

Question ID : 69135222  
Option 1 ID : 69135286  
Option 2 ID : 69135288  
Option 3 ID : 69135285  
Option 4 ID : 69135287  
Status : Answered  
Chosen Option : 3

Q.7  
3 The chemical symbol of which of the following elements is derived from Latin?

- Ans  1. Chlorine  
 2. Carbon  
 3. Iron  
 4. Aluminium

Question ID : 69135267  
Option 1 ID : 691352268  
Option 2 ID : 691352267  
Option 3 ID : 691352266  
Option 4 ID : 691352265  
Status : Answered  
Chosen Option : 1



Q.7  
4 What is the value of the expression?

$$\frac{(a-b)^2+(b-c)^2+(c-a)^2}{3(a-b)(b-c)(c-a)}=?$$

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

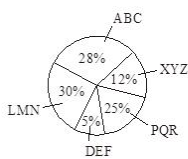
Question ID : 6913526  
Option 1 ID : 69135222  
Option 2 ID : 69135221  
Option 3 ID : 69135224  
Option 4 ID : 69135223  
Status : Not Answered  
Chosen Option : --

Q.7  
5 If a driver drives a car 15m/s then how much distance is covered by him in 3 hours 20 mins?

- Ans
- 1. 200 km
  - 2. 165 km
  - 3. 150 km
  - 4. 180 km

Question ID : 69135213  
Option 1 ID : 69135250  
Option 2 ID : 69135252  
Option 3 ID : 69135249  
Option 4 ID : 69135251  
Status : Not Answered  
Chosen Option : --

Q.7  
6 The given pie chart shows information about the mobile phone manufacturing companies in India. The total number of mobile phone units manufactured is 12,40,000.



How many units of mobile phones were manufactured by company 'LMN'?

- Ans
- 1. 3,72,000
  - 2. 6,20,000
  - 3. 12,40,000
  - 4. 6,12,000

Question ID : 69135241  
Option 1 ID : 691352162  
Option 2 ID : 691352164  
Option 3 ID : 691352163  
Option 4 ID : 691352161  
Status : Answered  
Chosen Option : 1

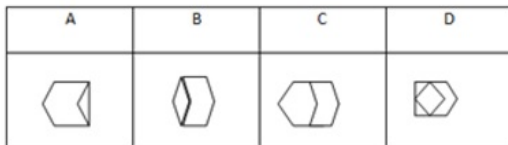
Q.7  
7

Which of the answer figures is formed from the two shapes given the problem figure?

**Problem figure:**



**Answer figures:**



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

Question ID : 69135253  
Option 1 ID : 691352211  
Option 2 ID : 691352209  
Option 3 ID : 691352212  
Option 4 ID : 691352210  
Status : Answered  
Chosen Option : 4

Q.7  
8 It was Monday on 1st January 2018. What was the day of the week on 1st January 2010?

- Ans
- 1. Tuesday
  - 2. Thursday
  - 3. Friday
  - 4. Monday

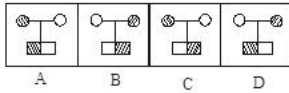
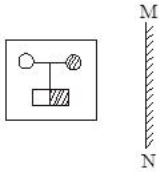
Question ID : 69135220  
Option 1 ID : 69135279  
Option 2 ID : 69135280  
Option 3 ID : 69135277  
Option 4 ID : 69135278  
Status : Answered  
Chosen Option : 2

Q.7  
9 Achuth opens a tea shop with an initial investment of ₹ 25,000. He spends 30% of his money in furnishing his shop and 20% in bringing other necessary accessories. How much money is he left with for purchasing inventory for his business?

- Ans
- 1. ₹ 12,500
  - 2. ₹ 20,000
  - 3. ₹ 12,000
  - 4. ₹ 5,000

Question ID : 69135240  
Option 1 ID : 691352159  
Option 2 ID : 691352157  
Option 3 ID : 691352160  
Option 4 ID : 691352158  
Status : Answered  
Chosen Option : 3

Q.8  
0 Choose the mirror image for the following figure when the mirror is kept at the MN line.



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

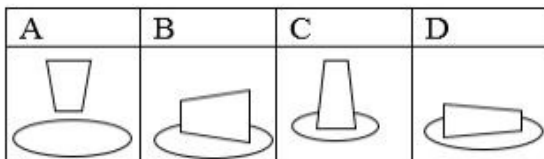
Question ID : 69135255  
 Option 1 ID : 691352217  
 Option 2 ID : 691352220  
 Option 3 ID : 691352218  
 Option 4 ID : 691352219  
 Status : Answered  
 Chosen Option : 1

Q.8  
1 Which pattern resembles closer to?

**Problem Figure:**



**Answer Figures:**



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

Question ID : 69135248  
 Option 1 ID : 691352191  
 Option 2 ID : 691352192  
 Option 3 ID : 691352190  
 Option 4 ID : 691352189  
 Status : Answered  
 Chosen Option : 1

2 If the number  $x4461$  is divisible by 11, what is the face value of  $x$ ?

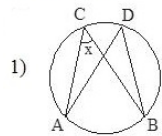
- Ans  1. 5  
 2. 2  
 3. 3  
 4. 4

Question ID : 6913527  
Option 1 ID : 69135225  
Option 2 ID : 69135228  
Option 3 ID : 69135227  
Option 4 ID : 69135226  
Status : Answered  
Chosen Option : 1

Q.8 Read the given question and decide which of the following information is sufficient to answer the question.

3 What is the value of  $\angle ACB$ ?

Information:



2)  $\angle D = 60^\circ$

- Ans  1. Only 2 is sufficient.  
 2. Both 1 and 2 are sufficient.  
 3. Only 1 is sufficient.  
 4. Either 1 or 2 is sufficient.

Question ID : 69135243  
Option 1 ID : 691352170  
Option 2 ID : 691352171  
Option 3 ID : 691352169  
Option 4 ID : 691352172  
Status : Answered  
Chosen Option : 2

Q.8 Which of the following animals can produce ultrasound?

- 4  
Ans  1. Moths  
 2. Porpoises  
 3. Shark  
 4. Elephant

Question ID : 69135264  
Option 1 ID : 691352256  
Option 2 ID : 691352254  
Option 3 ID : 691352253  
Option 4 ID : 691352255  
Status : Answered  
Chosen Option : 4

Q.8 Anurag loses one-seventh of the cost by selling a pen for ₹ 144. If the pen is sold for ₹ 189, what is the gain percent?

- 5  
Ans  1. 11%

2. 12.5%

3. 11.5%

4. 14%

Question ID : 69135210

Option 1 ID : 69135239

Option 2 ID : 69135238

Option 3 ID : 69135240

Option 4 ID : 69135237

Status : Answered

Chosen Option : 3

Q.8  
6 The HCF of  $\frac{2}{3}, \frac{8}{9}, \frac{10}{27}, \frac{32}{81}$  is:

Ans  1.  $\frac{160}{81}$

2.  $\frac{160}{3}$

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

4.  $\frac{2}{81}$

Question ID : 6913521

Option 1 ID : 6913521

Option 2 ID : 6913522

Option 3 ID : 6913524

Option 4 ID : 6913523

Status : Answered

Chosen Option : 3

Q.8  
7 Choose the person who does NOT belong to the group.

Ans  1. Alexander Graham Bell

2. Albert Einstein

3. Thomas A Edison

4. Virat Kohli

Question ID : 69135226

Option 1 ID : 691352103

Option 2 ID : 691352101

Option 3 ID : 691352102

Option 4 ID : 691352104

Status : Answered

Chosen Option : 4

Q.8  
8 Which of the following countries has the longest coastline in the world?

Ans  1. Australia

2. Norway

3. Canada

4. Indonesia

Question ID : 69135297

Option 1 ID : 691352385

Option 2 ID : 691352386

Option 3 ID : 691352387

Option 4 ID : 691352388  
Status : Answered  
Chosen Option : 1

Q.8  
9 If South becomes South-West, then what will North become?

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

Question ID : 69135254  
Option 1 ID : 691352216  
Option 2 ID : 691352213  
Option 3 ID : 691352214  
Option 4 ID : 691352215  
Status : Answered  
Chosen Option : 3

Q.9  
0 On what dates of March 2005 did Friday fall?

- Ans
- 1. 5, 12, 19, and 26
  - 2. 3, 10, 17 and 24
  - 3. 4, 11, 18 and 25
  - 4. 6, 13 20 and 27

Question ID : 69135219  
Option 1 ID : 69135274  
Option 2 ID : 69135276  
Option 3 ID : 69135273  
Option 4 ID : 69135275  
Status : Not Answered  
Chosen Option : --

Q.9  
1 शंभर वर्षाचे युद्ध कोणत्या दोन देशांत झाले होते?

- Ans
- 1. इंग्लंड आणि इटली
  - 2. जर्मनी आणि फ्रान्स
  - 3. इंग्लंड आणि जर्मनी
  - 4. इंग्लंड आणि फ्रान्स

Question ID : 69135295  
Option 1 ID : 691352380  
Option 2 ID : 691352378  
Option 3 ID : 691352379  
Option 4 ID : 691352377  
Status : Answered  
Chosen Option : 4

Q.9  
2 The flexibility in plants is due to \_\_\_\_\_ tissue.

- Ans
- 1. xylem
  - 2. phloem
  - 3. sclerenchyma

✓ 4. collenchyma

Question ID : 69135277  
Option 1 ID : 691352306  
Option 2 ID : 691352305  
Option 3 ID : 691352307  
Option 4 ID : 691352308  
Status : Answered  
Chosen Option : 2

Q.9  
3 Which of the following is a perfect cube?

- Ans
1. 9261
  2. 9000
  3. 8000
  4. 9999

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

Question ID : 6913528  
Option 1 ID : 69135230  
Option 2 ID : 69135232  
Option 3 ID : 69135229  
Option 4 ID : 69135231  
Status : Answered  
Chosen Option : 3

Q.9  
4 Generally, the valency of electropositive elements is:

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

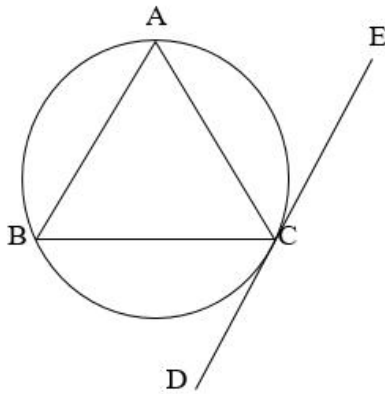
Question ID : 69135275  
Option 1 ID : 691352300  
Option 2 ID : 691352299  
Option 3 ID : 691352298  
Option 4 ID : 691352297  
Status : Not Answered  
Chosen Option : --

Q.9  
5 If PIPE is written as 169165, then what is the last digit of SWAN?

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

Question ID : 69135231  
Option 1 ID : 691352123  
Option 2 ID : 691352124  
Option 3 ID : 691352121  
Option 4 ID : 691352122  
Status : Answered  
Chosen Option : 3

6 Refer to the given figure and answer the question that follows.



If AB is parallel to EC and  $\angle BCD = 72^\circ$ , then what is the value of  $\angle BAC$ ?

- Ans
- 1.  $75^\circ$
  - 2.  $73^\circ$
  - 3.  $72^\circ$
  - 4.  $67^\circ$

Question ID : 69135221  
Option 1 ID : 69135282  
Option 2 ID : 69135284  
Option 3 ID : 69135283  
Option 4 ID : 69135281  
Status : Answered  
Chosen Option : 3

Q.9  
7 A type of reproduction in which a part of a plant body develops into a new individual is called \_\_\_\_\_.

- Ans
- 1. fission
  - 2. regeneration
  - 3. vegetative propagation
  - 4. sexual propagation

Question ID : 69135279  
Option 1 ID : 691352315  
Option 2 ID : 691352316  
Option 3 ID : 691352314  
Option 4 ID : 691352313  
Status : Answered  
Chosen Option : 3

Q.9  
8 Find the next letter in the following series.

C, D, F, I, ?

- Ans
- 1. M
  - 2. G
  - 3. N
  - 4. P



Question ID : 69135236

Option 1 ID : 691352141

Option 2 ID : 691352143

Option 3 ID : 691352142

Option 4 ID : 691352144

Status : Answered

Chosen Option : 1

**Q.9** Two inlet pipes, A and B, can fill an empty cistern in 22 and 33 hours, respectively. They were opened at the same time, but pipe A had to be closed 3 hours before the cistern was full. How many hours in total did it take the two pipes to fill the cistern?

**Ans**  1. 15

2. 16.2

3. 14.2

4. 16

Question ID : 69135216

Option 1 ID : 69135262

Option 2 ID : 69135263

Option 3 ID : 69135261

Option 4 ID : 69135264

Status : Answered

Chosen Option : 2

**Q.1** What will be the direction of the magnetic field at a point directly below a horizontal power line with the current flowing from east to west when viewed from the west end?

**Ans**  1. Anticlockwise

2. Clockwise

3. Parallel to the flow of the current

4. Perpendicular to the flow of the current

Question ID : 69135268

Option 1 ID : 691352270

Option 2 ID : 691352269

Option 3 ID : 691352272

Option 4 ID : 691352271

Status : Answered

Chosen Option : 3