



# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

### Level-1 Posts CEN-02/2018

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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  $MnO_2 + 4HCl \rightarrow MnCl_2 + H_2O + Cl_2$ . The given reaction is an example of a \_\_\_\_\_ reaction.

- Ans
- 1. redox
  - 2. displacement
  - 3. double displacement
  - 4. combination

Question ID : 6789132071

Option 1 ID : 6789138284

Option 2 ID : 6789138282

Option 3 ID : 6789138283

Option 4 ID : 6789138281

Status : Not Answered

Chosen Option : --

Q.2 \_\_\_\_\_ हे आधुनिक आवर्त सारणीतील शेवटचे धातुक आहे.

- Ans
- 1. टेल्यूरियम
  - 2. पोलोनियम
  - 3. अँटिमनी
  - 4. आर्सेनिक

Question ID : 6789132075

Option 1 ID : 6789138297

Option 2 ID : 6789138298

Option 3 ID : 6789138299

Option 4 ID : 6789138300

Status : Not Answered

Chosen Option : --

Q.3 How much work is done in moving a charge of 2 C across two points having a potential difference of 10 V?

- Ans  1. 20 N  
 2. 20 J  
 3. 20 Pa  
 4. 20 C

Question ID : 6789132066  
Option 1 ID : 6789138262  
Option 2 ID : 6789138261  
Option 3 ID : 6789138264  
Option 4 ID : 6789138263  
Status : Answered  
Chosen Option : 1

Q.4 A car can finish its journey in 7 hours at the speed of 105 km/hr. If the same distance must be covered in 10 hours, what should be the speed of the car?

- Ans  1. 75.5 km/hr  
 2. 83.5 km/hr  
 3. 73.5 km/hr  
 4. 72.5 km/hr

Question ID : 6789132013  
Option 1 ID : 6789138049  
Option 2 ID : 6789138051  
Option 3 ID : 6789138050  
Option 4 ID : 6789138052  
Status : Answered  
Chosen Option : 3

Q.5 If  $\tan A = \frac{3}{4}$ , what is the value of  $\frac{(1 - \sin A)(1 + \sin A)}{(1 - \cos A)(1 + \cos A)}$ ?

- Ans  1.  $\frac{9}{19}$   
 2.  $\frac{16}{25}$   
 3.  $\frac{16}{9}$   
 4.  $\frac{9}{25}$

Question ID : 6789132021  
Option 1 ID : 6789138084  
Option 2 ID : 6789138081  
Option 3 ID : 6789138083  
Option 4 ID : 6789138082  
Status : Not Answered  
Chosen Option : --

Q.6 \_\_\_\_\_ is the largest milk producing state, accounting for nearly 17.22% of the total milk produced in the country.

- Ans  1. Gujarat  
 2. Uttar Pradesh

3. Rajasthan

4. Andhra Pradesh

Question ID : 6789132093

Option 1 ID : 6789138369

Option 2 ID : 6789138371

Option 3 ID : 6789138370

Option 4 ID : 6789138372

Status : Answered

Chosen Option : 1

Q.7 Madhuri's only brother's sister's son is Rajesh. How is Rajesh related to Madhuri's father?

Ans  1. Son

2. Cousin

3. Uncle

4. Grandson

Question ID : 6789132027

Option 1 ID : 6789138106

Option 2 ID : 6789138108

Option 3 ID : 6789138107

Option 4 ID : 6789138105

Status : Answered

Chosen Option : 4

Q.8 From which post did Ram Nath Kovind resign following his nomination as the National Democratic Alliance's presidential candidate?

Ans  1. Andhra Pradesh Governor

2. Bihar Governor

3. Tamil Nadu Governor

4. West Bengal Governor

Question ID : 6789132091

Option 1 ID : 6789138363

Option 2 ID : 6789138364

Option 3 ID : 6789138362

Option 4 ID : 6789138361

Status : Answered

Chosen Option : 2

Q.9 Plants that grow in saline water are called \_\_\_\_\_.

Ans  1. macrophytes

2. halophytes

3. xerophytes

4. hydrophytes

Question ID : 6789132099

Option 1 ID : 6789138394

Option 2 ID : 6789138395

Option 3 ID : 6789138396  
Option 4 ID : 6789138393  
Status : Not Answered  
Chosen Option : --

Q.1  
0 Spirogyra and planaria show:

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

Question ID : 6789132079  
Option 1 ID : 6789138314  
Option 2 ID : 6789138313  
Option 3 ID : 6789138316  
Option 4 ID : 6789138315  
Status : Answered  
Chosen Option : 1

Q.1  
1 Volt is the SI unit of \_\_\_\_\_.

- Ans
- 1. resistance
  - 2. electric current
  - 3. potential difference
  - 4. electric charge

Question ID : 6789132065  
Option 1 ID : 6789138257  
Option 2 ID : 6789138259  
Option 3 ID : 6789138260  
Option 4 ID : 6789138258  
Status : Answered  
Chosen Option : 4

Q.1  
2 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

**Statement:** Never before heard such divine rendition of this song.

**Assumptions:**

- I. Some other songs were sung.
- II. Singing with divine rendition is next to impossible.

- 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 : 6789132034  
Option 1 ID : 6789138136  
Option 2 ID : 6789138133

Option 3 ID : 6789138134  
Option 4 ID : 6789138135  
Status : Answered  
Chosen Option : 4

Q.1 Each interior angle of a regular heptagon (seven-sided polygon) measures:

- Ans
- 1.  $137.56^\circ$
  - 2.  $128.57^\circ$
  - 3.  $126.37^\circ$
  - 4.  $148.24^\circ$

Question ID : 6789132025  
Option 1 ID : 6789138097  
Option 2 ID : 6789138099  
Option 3 ID : 6789138098  
Option 4 ID : 6789138100  
Status : Not Answered  
Chosen Option : --

Q.1 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

What is Mr. X position in a Queue of 40 people?

Statements:

- 1. 16 people in front of Mr. X
- 2. 23 People towards back of Mr. X

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

Question ID : 6789132042  
Option 1 ID : 6789138167  
Option 2 ID : 6789138168  
Option 3 ID : 6789138166  
Option 4 ID : 6789138165  
Status : Answered  
Chosen Option : 1

Q.1 The weight of an object on the earth is 200 N and mass is 20 kg .What is the value of acceleration due to gravity given.

- Ans
- 1.  $9.8 \text{ m/s}^2$
  - 2.  $10 \text{ m/s}^2$
  - 3.  $10 \text{ m/s}^{-2}$
  - 4.  $9.8 \text{ m/s}^{-2}$

Question ID : 6789132057  
Option 1 ID : 6789138225  
Option 2 ID : 6789138228  
Option 3 ID : 6789138227  
Option 4 ID : 6789138226

Status : **Answered**  
Chosen Option : 2

Q.1  
6 Which is the largest city in Brazil?

- Ans
- 1. Fortaleza
  - 2. Salvador
  - 3. Sao Paulo
  - 4. Rio de Janeiro

Question ID : 6789132097  
Option 1 ID : 6789138388  
Option 2 ID : 6789138387  
Option 3 ID : 6789138385  
Option 4 ID : 6789138386  
Status : **Answered**  
Chosen Option : 4

Q.1  
7 Calculate the value of x in the following equation:  $12(5x - 4) = 16(5x + 1)$ .

- Ans
- 1. - 3.2
  - 2. 1.4
  - 3. 2.8
  - 4. - 2.8

Question ID : 6789132023  
Option 1 ID : 6789138091  
Option 2 ID : 6789138089  
Option 3 ID : 6789138092  
Option 4 ID : 6789138090  
Status : **Answered**  
Chosen Option : 1

Q.1  
8 When an object floats, the up thrust of the liquid on the object is \_\_\_\_\_.

- Ans
- 1. zero
  - 2. same as the weight of the object
  - 3. greater than the weight of the object
  - 4. less than the weight of the object

Question ID : 6789132059  
Option 1 ID : 6789138236  
Option 2 ID : 6789138234  
Option 3 ID : 6789138235  
Option 4 ID : 6789138233  
Status : **Answered**  
Chosen Option : 2

Q.1  
9 The square root of 10816 is \_\_\_\_\_.

- Ans
- 1. 96

✓ 2. 104

✗ 3. 114

✗ 4. 106

Question ID : 6789132005

Option 1 ID : 6789138020

Option 2 ID : 6789138019

Option 3 ID : 6789138017

Option 4 ID : 6789138018

Status : Answered

Chosen Option : 2

Q.2 The ratio of the ages of Deepika and her mother is 3 : 11. After 3 years the ratio becomes 1 : 3. What is Deepika's age?  
0

Ans ✗ 1. 11 years

✓ 2. 9 years

✗ 3. 15 years

✗ 4. 13 years

Question ID : 6789132018

Option 1 ID : 6789138070

Option 2 ID : 6789138069

Option 3 ID : 6789138072

Option 4 ID : 6789138071

Status : Answered

Chosen Option : 2

Q.2 एखाद्या पदार्थाच्या वस्तुमान प्रति एकक आकारमानाला काय म्हणतात?  
1

Ans ✗ 1. ऊर्जा

✓ 2. घनता

✗ 3. वस्तुमान

✗ 4. पदार्थ

Question ID : 6789132067

Option 1 ID : 6789138266

Option 2 ID : 6789138265

Option 3 ID : 6789138268

Option 4 ID : 6789138267

Status : Answered

Chosen Option : 2

Q.2 Blood is a/an \_\_\_\_\_ tissue.  
2

Ans ✗ 1. nervous

✗ 2. epithelial

✓ 3. connective

✗ 4. muscle

Question ID : 6789132077

Option 1 ID : 6789138305

Option 2 ID : 6789138306

Option 3 ID : 6789138308

Option 4 ID : 6789138307

Status : Answered

Chosen Option : 2

Q.2  
3 जर पश्चिम दिशा दक्षिण होत असेल, तर उत्तर दिशा काय होईल?

Ans  1. पश्चिम

2. दक्षिण

3. उत्तर

4. पूर्व

Question ID : 6789132054

Option 1 ID : 6789138213

Option 2 ID : 6789138216

Option 3 ID : 6789138215

Option 4 ID : 6789138214

Status : Answered

Chosen Option : 3

Q.2  
4 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

**Statement:**

Should government offer subsidy to buy electric vehicles to increase its popularity?

**Arguments:**

I. Yes, it will give a boost to the sales of electric vehicles.

II. No, people should not wait for such subsidy they should come forward to save the environment.

Ans  1. Neither I nor II is strong.

2. Only argument I is strong.

3. Only argument II is strong.

4. Both I and II are strong.

Question ID : 6789132035

Option 1 ID : 6789138139

Option 2 ID : 6789138140

Option 3 ID : 6789138138

Option 4 ID : 6789138137

Status : Answered

Chosen Option : 3

Q.2  
5 Which film won the Best Children's Film award at the 64th National Film Awards held in 2017?

Ans  1. Chillar Gang

2. Jungle Book

3. Dhanak



4. Kochhadian

Question ID : 6789132085  
Option 1 ID : 6789138340  
Option 2 ID : 6789138338  
Option 3 ID : 6789138337  
Option 4 ID : 6789138339  
Status : Answered  
Chosen Option : 2

Q.2  
6 Who among the following was conferred with Bhupen Hazarika National Award 2017?

- Ans  1. GopalaKrishnan  
 2. Lou Majaw  
 3. Yeshe Dorjee Thongchi  
 4. Jahnu Barua

Question ID : 6789132084  
Option 1 ID : 6789138335  
Option 2 ID : 6789138334  
Option 3 ID : 6789138333  
Option 4 ID : 6789138336  
Status : Not Answered  
Chosen Option : --

Q.2  
7 What day would it be on 1 November 2020?

- Ans  1. Saturday  
 2. Thursday  
 3. Sunday  
 4. Friday

Question ID : 6789132017  
Option 1 ID : 6789138066  
Option 2 ID : 6789138068  
Option 3 ID : 6789138065  
Option 4 ID : 6789138067  
Status : Answered  
Chosen Option : 3

Q.2  
8 Select the most appropriate option for the following situation.

Your friend accidentally spills coffee on you in a party. You will \_\_\_\_\_.

- Ans  1. say it's ok but sulk nevertheless  
 2. spoil his dress too  
 3. laugh it off  
 4. snub him

Question ID : 6789132040  
Option 1 ID : 6789138160  
Option 2 ID : 6789138159  
Option 3 ID : 6789138158  
Option 4 ID : 6789138157  
Status : Answered  
Chosen Option : 1

**Q.2** Read the given statement(s) and conclusions carefully and select which of the following conclusions logically follow(s)  
**9** from the statement(s):

**Statement:** This restaurant serves the best hot and sour soup.

**Conclusions:**

- I. There are other restaurants which serve the soup.
- II. The soup served by this restaurant is the best in the world.

- Ans**
- 1. Neither I nor II follows
  - 2. Both I and II follow
  - 3. Only conclusion II follows
  - 4. Only conclusion I follows

Question ID : 6789132032  
Option 1 ID : 6789138127  
Option 2 ID : 6789138128  
Option 3 ID : 6789138126  
Option 4 ID : 6789138125  
Status : Answered  
Chosen Option : 1

**Q.3**  
**0**  $216 \div [55 - \{45 - (32 - 27 \div 9 \times 2)\}] = ?$

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

Question ID : 6789132007  
Option 1 ID : 6789138025  
Option 2 ID : 6789138028  
Option 3 ID : 6789138026  
Option 4 ID : 6789138027  
Status : Answered  
Chosen Option : 3

**Q.3**  
**1** Who unified electricity, magnetism and optics, and showed that light is an electromagnetic wave?

- Ans**
- 1. Isaac Newton
  - 2. Carlo Rubia
  - 3. James Maxwell
  - 4. Sheldon Glashow

Question ID : 6789132088  
Option 1 ID : 6789138349  
Option 2 ID : 6789138352

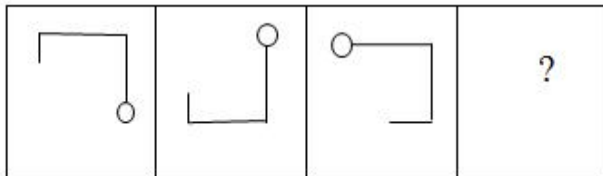
Q.3  
2 Find the odd one:

a	b	c	d
:	;	÷	.

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

Question ID : 6789132046  
Option 1 ID : 6789138183  
Option 2 ID : 6789138181  
Option 3 ID : 6789138184  
Option 4 ID : 6789138182  
Status : Answered  
Chosen Option : 1

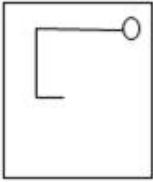
Q.3  
3 Choose the correct alternative to complete the series.



Ans

- 1.
- 2.
- 3.

✓ 4.



Question ID : 6789132028  
Option 1 ID : 6789138110  
Option 2 ID : 6789138109  
Option 3 ID : 6789138112  
Option 4 ID : 6789138111  
Status : Answered  
Chosen Option : 4

Q.3 In which of the following field the Government of India presents the 'Sahitya Akademi Award' for excellence?

4

- Ans
- 1. Music
  - 2. Literature
  - 3. Sports
  - 4. Innovation

Question ID : 6789132086  
Option 1 ID : 6789138343  
Option 2 ID : 6789138344  
Option 3 ID : 6789138341  
Option 4 ID : 6789138342  
Status : Answered  
Chosen Option : 2

Q.3 Identify who was bestowed with the prestigious Saraswati Samman 2016?

5

- Ans
- 1. Mahabaleshwar Sail
  - 2. Sugathakumari
  - 3. Sunita Jain
  - 4. Faruqi

Question ID : 6789132089  
Option 1 ID : 6789138355  
Option 2 ID : 6789138354  
Option 3 ID : 6789138353  
Option 4 ID : 6789138356  
Status : Answered  
Chosen Option : 4

Q.3 Who among the following was awarded Rajiv Gandhi Khel Ratna Award for Para Athletics, in 2017?

6

- Ans
- 1. P Mariyappan
  - 2. Devendra Jhajharia
  - 3. Deepa Malik
  - 4. Varun Bhati

Question ID : 6789132081  
Option 1 ID : 6789138321  
Option 2 ID : 6789138323  
Option 3 ID : 6789138322  
Option 4 ID : 6789138324  
Status : Answered  
Chosen Option : 3

Q.3  
7 The ratio of the angles of a quadrilateral is 3 : 4 : 5 : 6. What is the value of the smallest angle?

- Ans
- 1.  $36^\circ$
  - 2.  $45^\circ$
  - 3.  $60^\circ$
  - 4.  $49^\circ$

Question ID : 6789132024  
Option 1 ID : 6789138095  
Option 2 ID : 6789138094  
Option 3 ID : 6789138096  
Option 4 ID : 6789138093  
Status : Answered  
Chosen Option : 3

Q.3  
8 Atomic mass of carbon is 12. The number of moles in 24 g of carbon is:

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

Question ID : 6789132068  
Option 1 ID : 6789138269  
Option 2 ID : 6789138272  
Option 3 ID : 6789138271  
Option 4 ID : 6789138270  
Status : Answered  
Chosen Option : 4

Q.3  
9 Two crossroads Nehru road and Zoo park road, each 2 m wide run at right angles through the centre of a rectangular park 72 m by 48 m, such that each is parallel to one of the sides of the rectangle. What is the cost of constructing the roads at ₹ 150 per square meter?

- Ans
- 1. ₹ 35,400
  - 2. ₹ 35,300
  - 3. ₹ 35,395
  - 4. ₹ 35,350

Question ID : 6789132020  
Option 1 ID : 6789138077  
Option 2 ID : 6789138080  
Option 3 ID : 6789138079  
Option 4 ID : 6789138078  
Status : Answered

Q.4 जरी \_\_\_\_\_ कार्यरत असले तरीही स्वतःचा आकार कायम राखणे हा पदार्थाचा गुणधर्म आहे आणि स्थायू हा गुणधर्म दर्शवतात ज्याला \_\_\_\_\_ असे म्हणतात.

- Ans  1. बाह्य बले; दृढता  
 2. बाह्य क्षेत्रफळ; दृढता  
 3. बाह्य आकारमान; दृढता  
 4. बाह्य बले; आकार

Question ID : 6789132069

Option 1 ID : 6789138276

Option 2 ID : 6789138274

Option 3 ID : 6789138275

Option 4 ID : 6789138273

Status : Answered

Chosen Option : 1

Q.4 By selling a used phone for ₹ 6360 Ranjita got 47% less than what it cost her to buy it a few years ago. At what price should Ranjita have been able to sell it to make a profit of 13%?

- Ans  1. ₹ 11,550  
 2. ₹ 10,550  
 3. ₹ 13,560  
 4. ₹ 12,550

Question ID : 6789132011

Option 1 ID : 6789138044

Option 2 ID : 6789138041

Option 3 ID : 6789138043

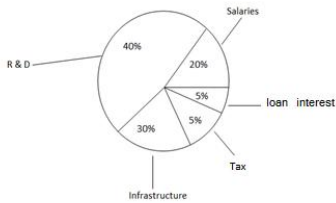
Option 4 ID : 6789138042

Status : Answered

Chosen Option : 3

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 company XYZ has spent a total of ₹ 120 lakh crores, then how much did it spend on infrastructure (in lakh crores)?

- Ans  1. ₹ 48  
 2. ₹ 24  
 3. ₹ 12  
 4. ₹ 36

Question ID : 6789132041

Option 1 ID : 6789138164

Option 2 ID : 6789138162  
Option 3 ID : 6789138161  
Option 4 ID : 6789138163  
Status : Answered  
Chosen Option : 4

Q.4 <sub>3</sub> विश्वातील प्रत्येक वस्तू प्रत्येक इतर वस्तूला एका बलाने आकर्षित करते, जे \_\_\_\_\_ असते.

Ans  1.

त्यांच्या वस्तुमानाच्या गुणाकाराशी समानुपाती आणि त्यांच्यातील अंतराच्या वर्गाशी व्यस्तानुपाती

2.

त्यांच्या वस्तुमानाच्या गुणाकाराशी व्यस्तानुपाती आणि त्यांच्यातील अंतराच्या वर्गाशी समानुपाती

3.

त्यांच्या वस्तुमानाच्या बेरजेशी समानुपाती आणि त्यांच्यातील अंतराच्या वर्गाशी व्यस्तानुपाती

4.

त्यांच्या वस्तुमानाच्या गुणाकाराशी समानुपाती आणि त्यांच्यातील अंतराच्या बेरजेशी समानुपाती

Question ID : 6789132058  
Option 1 ID : 6789138230  
Option 2 ID : 6789138231  
Option 3 ID : 6789138229  
Option 4 ID : 6789138232  
Status : Answered  
Chosen Option : 1

Q.4 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 Rabbits are cats.

All Cats are Papayas.

**Conclusions:**

1. All the Papayas are Cats.

2. Some Rabbits are Papayas.

Ans  1. Only 1 follows.

2. Only 2 follows.

3. Either 1 or 2 follows.

4. Both 1 and 2 follow.

Question ID : 6789132031  
Option 1 ID : 6789138121  
Option 2 ID : 6789138122  
Option 3 ID : 6789138123  
Option 4 ID : 6789138124  
Status : Answered  
Chosen Option : 2

Q.4 <sub>5</sub> In which of the following functional groups is COOH present?

Ans  1. alcohols

✓ 2. carboxylic acid

✗ 3. aldehydes

✗ 4. ketones

Question ID : 6789132072

Option 1 ID : 6789138288

Option 2 ID : 6789138287

Option 3 ID : 6789138286

Option 4 ID : 6789138285

Status : Answered

Chosen Option : 2

Q.4  
6 Find the simple interest on ₹ 2500 for 2 years and 3 months @ 6% p.a.

Ans ✗ 1. ₹ 375

✗ 2. ₹ 423.50

✓ 3. ₹ 337.50

✗ 4. ₹ 445

Question ID : 6789132010

Option 1 ID : 6789138038

Option 2 ID : 6789138039

Option 3 ID : 6789138037

Option 4 ID : 6789138040

Status : Answered

Chosen Option : 3

Q.4  
7 How many chromosomes are present in human sperm?

Ans ✗ 1. 24

✓ 2. 23

✗ 3. 21

✗ 4. 22

Question ID : 6789132080

Option 1 ID : 6789138320

Option 2 ID : 6789138319

Option 3 ID : 6789138317

Option 4 ID : 6789138318

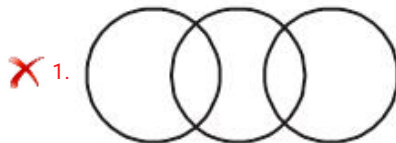
Status : Answered

Chosen Option : 2

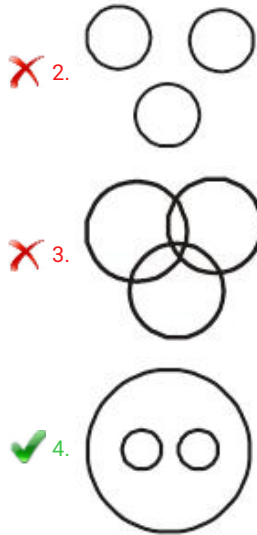
Q.4  
8 खालील शब्दांसाठी सुयोग्य व्हेन आकृती निवडा:

भाज्या, ढोबळी मिरची, चवळी

Ans

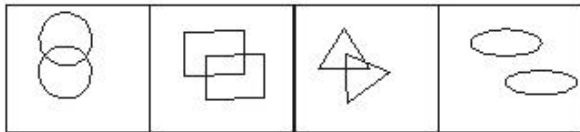






Question ID : 6789132052  
 Option 1 ID : 6789138207  
 Option 2 ID : 6789138208  
 Option 3 ID : 6789138205  
 Option 4 ID : 6789138206  
 Status : Answered  
 Chosen Option : 4

Q.4 Find the Odd one out:



A B C D

Ans ✗ 1. C  
 ✓ 2. D  
 ✗ 3. A  
 ✗ 4. B

Question ID : 6789132045  
 Option 1 ID : 6789138179  
 Option 2 ID : 6789138180  
 Option 3 ID : 6789138177  
 Option 4 ID : 6789138178  
 Status : Answered  
 Chosen Option : 2

Q.5 \_\_\_\_\_ waves helps the bats to detect the obstacles in their path.

Ans ✗ 1. Supersonic  
 ✓ 2. Ultrasonic  
 ✗ 3. Hypersonic  
 ✗ 4. Infrasonic

Question ID : 6789132064

Option 1 ID : 6789138256  
Option 2 ID : 6789138255  
Option 3 ID : 6789138254  
Option 4 ID : 6789138253  
Status : Answered  
Chosen Option : 1

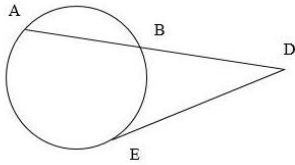
Q.5  
1 Which alphanumeric set will follow in the given series?

4R, 7P, 10N, 13L, ?

- Ans
- 1. 12K
  - 2. 16J
  - 3. 16X
  - 4. 15V

Question ID : 6789132036  
Option 1 ID : 6789138144  
Option 2 ID : 6789138141  
Option 3 ID : 6789138142  
Option 4 ID : 6789138143  
Status : Answered  
Chosen Option : 2

Q.5  
2 In the circle below, chord  $\overline{AB}$  is extended to meet the tangent  $\overline{DE}$  at D. If  $\overline{AB} = 6$  cm and  $\overline{BD} = 2$  cm, find the length of  $\overline{DE}$ .



- Ans
- 1.  $\sqrt{12}$  cm
  - 2. 5 cm
  - 3. 4.5 cm
  - 4. 4 cm

Question ID : 6789132022  
Option 1 ID : 6789138085  
Option 2 ID : 6789138087  
Option 3 ID : 6789138088  
Option 4 ID : 6789138086  
Status : Answered  
Chosen Option : 1

Q.5  
3 Which number follows in the given series?

2, 7, 17, 32, 52, ?

- Ans
- 1. 79
  - 2. 77
  - 3. 80
  - 4. 76

Question ID : 6789132037  
Option 1 ID : 6789138147  
Option 2 ID : 6789138146  
Option 3 ID : 6789138148  
Option 4 ID : 6789138145  
Status : Answered  
Chosen Option : 2

Q.5  
4 Calculate the potential energy acquired by a 15 kg hammer when it is raised to a height of 10 m (given  $g=10\text{ms}^{-2}$ ).

- Ans  1. 1500 J  
 2. -150 J  
 3. 150 J  
 4. -1500 J

Question ID : 6789132060  
Option 1 ID : 6789138238  
Option 2 ID : 6789138239  
Option 3 ID : 6789138237  
Option 4 ID : 6789138240  
Status : Answered  
Chosen Option : 1

Q.5  
5 With which of the following sports is Prashanti Singh associated?

- Ans  1. Cricket  
 2. Badminton  
 3. Table tennis  
 4. Basketball

Question ID : 6789132083  
Option 1 ID : 6789138329  
Option 2 ID : 6789138331  
Option 3 ID : 6789138332  
Option 4 ID : 6789138330  
Status : Answered  
Chosen Option : 3

Q.5  
6 69 men can complete a piece of work in 6 days. In how many days will 23 men be able to complete the same work?

- Ans  1. 10  
 2. 16  
 3. 15  
 4. 18

Question ID : 6789132015  
Option 1 ID : 6789138059  
Option 2 ID : 6789138060  
Option 3 ID : 6789138058  
Option 4 ID : 6789138057  
Status : Answered  
Chosen Option : 4

Q.5 \_\_\_\_\_ mirror produces an image that is always virtual, erect and same size as that of the object.

- Ans
- 1. Convex
  - 2. Concave
  - 3. Plane
  - 4. Plano-convex

Question ID : 6789132063  
Option 1 ID : 6789138251  
Option 2 ID : 6789138249  
Option 3 ID : 6789138250  
Option 4 ID : 6789138252  
Status : Answered  
Chosen Option : 3

Q.5 Total number of medals India won in the 22nd Asia Athletic Championship held in Bhubaneshwar from 6th to 9th July 2017, was \_\_\_\_\_.

- Ans
- 1. 29
  - 2. 26
  - 3. 27
  - 4. 28

Question ID : 6789132082  
Option 1 ID : 6789138325  
Option 2 ID : 6789138328  
Option 3 ID : 6789138327  
Option 4 ID : 6789138326  
Status : Not Answered  
Chosen Option : --

Q.5 What type of tissue consists of different types of cells carrying out the same function?

- Ans
- 1. Meristematic tissue
  - 2. Complex tissue
  - 3. Epidermal tissue
  - 4. Nervous tissue

Question ID : 6789132076  
Option 1 ID : 6789138302  
Option 2 ID : 6789138301  
Option 3 ID : 6789138303  
Option 4 ID : 6789138304  
Status : Answered  
Chosen Option : 4

Q.6  $\frac{5}{8}$  of the residents of a housing society own cars and  $\frac{3}{4}$  of the car owners have purchased covered parking space. If 150 people have purchased covered parking space, how many residents were there in the society?

- Ans
- 1. 336
  - 2. 360
  - 3. 352

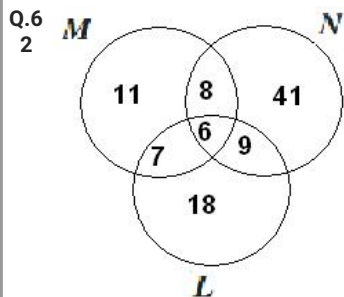
✓ 4. 320

Question ID : 6789132008  
Option 1 ID : 6789138031  
Option 2 ID : 6789138030  
Option 3 ID : 6789138032  
Option 4 ID : 6789138029  
Status : Answered  
Chosen Option : 4

Q.6  
1 What was the name of Gautama Buddha's mother?

- Ans
- ✗ 1. Trishla
  - ✗ 2. Kaushalya
  - ✗ 3. Kanika
  - ✓ 4. Maya

Question ID : 6789132094  
Option 1 ID : 6789138373  
Option 2 ID : 6789138376  
Option 3 ID : 6789138375  
Option 4 ID : 6789138374  
Status : Answered  
Chosen Option : 2



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

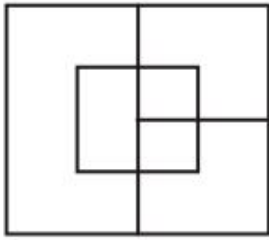
Total number of students who play game L is:

- Ans
- ✗ 1. 23
  - ✓ 2. 40
  - ✗ 3. 18
  - ✗ 4. 41

Question ID : 6789132051  
Option 1 ID : 6789138204  
Option 2 ID : 6789138203  
Option 3 ID : 6789138201  
Option 4 ID : 6789138202  
Status : Answered  
Chosen Option : 2

Q.6  
3

Find the number of squares in the following figure.



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

Question ID : 6789132050  
 Option 1 ID : 6789138199  
 Option 2 ID : 6789138200  
 Option 3 ID : 6789138198  
 Option 4 ID : 6789138197  
 Status : Answered  
 Chosen Option : 3

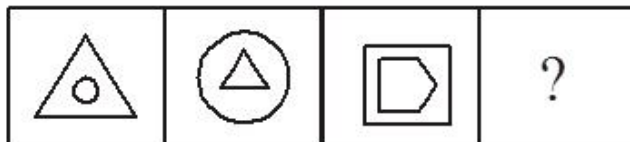
Q.6 \_\_\_\_\_ is the chemical name of slaked lime.

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

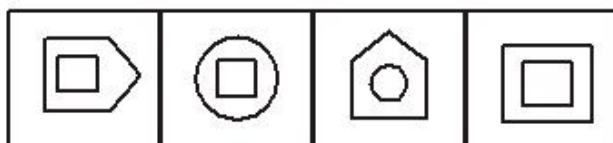
Question ID : 6789132070  
 Option 1 ID : 6789138278  
 Option 2 ID : 6789138280  
 Option 3 ID : 6789138279  
 Option 4 ID : 6789138277  
 Status : Answered  
 Chosen Option : 2

Q.6 Pick the figure that will complete the given series.

**Problem figures:**



**Answer figures:**



A B C D

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

Question ID : 6789132044  
Option 1 ID : 6789138176  
Option 2 ID : 6789138175  
Option 3 ID : 6789138174  
Option 4 ID : 6789138173  
Status : Answered  
Chosen Option : 4

Q.6 If \$ means +, # means -, @ means  $\times$  and \* means  $\div$ , then what is the value of  $19 \$ 8 @ 3 \# 81 * 9$ ?

- Ans  1. 36  
 2. 38  
 3. 34  
 4. 35

Question ID : 6789132038  
Option 1 ID : 6789138150  
Option 2 ID : 6789138149  
Option 3 ID : 6789138152  
Option 4 ID : 6789138151  
Status : Answered  
Chosen Option : 3

Q.6 What is the greatest number which on dividing 1657 and 2037 leaves the remainder 6 and 5 respectively?

- Ans  1. 127  
 2. 150  
 3. 130  
 4. 125

Question ID : 6789132004  
Option 1 ID : 6789138013  
Option 2 ID : 6789138015  
Option 3 ID : 6789138016  
Option 4 ID : 6789138014  
Status : Answered  
Chosen Option : 1

Q.6 A 48-m-tall building casts a shadow of 32 m. What would be the length of the shadow of a tower if the height of the tower is 144 m under similar conditions?

- Ans  1. 128 m  
 2. 96 m  
 3. 112 m  
 4. 84 m

Question ID : 6789132014  
Option 1 ID : 6789138053

Option 2 ID : 6789138055  
Option 3 ID : 6789138054  
Option 4 ID : 6789138056  
Status : Answered  
Chosen Option : 2

Q.6  
9 Where is the Black Rock Desert located?

- Ans
- 1. South Africa
  - 2. United States
  - 3. Egypt
  - 4. China

Question ID : 6789132096  
Option 1 ID : 6789138381  
Option 2 ID : 6789138382  
Option 3 ID : 6789138383  
Option 4 ID : 6789138384  
Status : Not Answered  
Chosen Option : --

Q.7  
0 Hiru buys an old car for ₹ 47,000 and spends ₹ 3000 on its repairs. If he sells the car for ₹ 58,000, his gain percent is:

- Ans
- 1. 16%
  - 2. 17%
  - 3. 15%
  - 4. 18%

Question ID : 6789132012  
Option 1 ID : 6789138046  
Option 2 ID : 6789138047  
Option 3 ID : 6789138045  
Option 4 ID : 6789138048  
Status : Answered  
Chosen Option : 1

Q.7  
1 A bullet, of mass 20 g is horizontally fired with a velocity  $150 \text{ ms}^{-1}$  from a pistol of mass 3 kg. What is the recoil velocity of the pistol?

- Ans
- 1.  $-1.5 \text{ ms}^{-1}$
  - 2.  $-2.0 \text{ ms}^{-1}$
  - 3.  $-1.0 \text{ ms}^{-1}$
  - 4.  $-1.25 \text{ ms}^{-1}$

Question ID : 6789132056  
Option 1 ID : 6789138221  
Option 2 ID : 6789138223  
Option 3 ID : 6789138222  
Option 4 ID : 6789138224  
Status : Not Answered  
Chosen Option : --

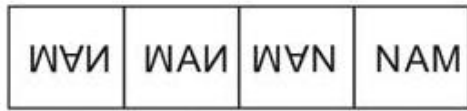
Q.7



2 Choose the mirror image for the following figure.

MAN

M //////////////// N



A B C D

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

Question ID : 6789132055  
Option 1 ID : 6789138218  
Option 2 ID : 6789138219  
Option 3 ID : 6789138220  
Option 4 ID : 6789138217  
Status : Answered  
Chosen Option : 4

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

3

**Statement:** "We are all victims of our thoughts," says a title in a newspaper column.

**Assumptions:**

- I. Our actions are based on our thoughts.
- II. Newspapers are the best source of information.

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

Question ID : 6789132033  
Option 1 ID : 6789138131  
Option 2 ID : 6789138130  
Option 3 ID : 6789138129  
Option 4 ID : 6789138132  
Status : Answered  
Chosen Option : 3

Q.7 \_\_\_\_\_ measures the speed of work done.

4

- Ans
- 1. Force
  - 2. Pressure
  - 3. Energy
  - 4. Power

Question ID : 6789132062

Option 1 ID : 6789138245  
Option 2 ID : 6789138248  
Option 3 ID : 6789138246  
Option 4 ID : 6789138247  
Status : Answered  
Chosen Option : 4

Q.7  
5 Which of the following represents the correct decreasing order of hydrogen atoms?

- Ans
- 1. alkenes, alkynes, alkanes
  - 2. alkanes, alkynes, alkenes
  - 3. alkanes, alkenes, alkynes
  - 4. alkynes ,alkenes, alkanes

Question ID : 6789132073  
Option 1 ID : 6789138292  
Option 2 ID : 6789138289  
Option 3 ID : 6789138290  
Option 4 ID : 6789138291  
Status : Answered  
Chosen Option : 3

Q.7  
6 Who was honoured with the Global Diversity Award 2017 in the British Parliament House?

- Ans
- 1. Salman Khan
  - 2. Shahrukh Khan
  - 3. Sanjay Dutt
  - 4. Amitabh Bachchan

Question ID : 6789132087  
Option 1 ID : 6789138347  
Option 2 ID : 6789138345  
Option 3 ID : 6789138348  
Option 4 ID : 6789138346  
Status : Not Answered  
Chosen Option : --

Q.7  
7 Value of  $\sqrt{0.6}$  :

- Ans
- 1. 0.944
  - 2. 0.894
  - 3. 0.874
  - 4. 0.774

Question ID : 6789132006  
Option 1 ID : 6789138021  
Option 2 ID : 6789138023  
Option 3 ID : 6789138024  
Option 4 ID : 6789138022  
Status : Answered  
Chosen Option : 4

Q.7 Select the term that is related to the third term in the same way that the second term relates to the first term.

8

Meghalaya : Shillong :: Bihar : ?

- Ans
- 1. Dispur
  - 2. Patna
  - 3. Hyderabad
  - 4. Lucknow

Question ID : 6789132026  
Option 1 ID : 6789138101  
Option 2 ID : 6789138104  
Option 3 ID : 6789138103  
Option 4 ID : 6789138102  
Status : Answered  
Chosen Option : 2

Q.7 \_\_\_\_\_ was discovered later and replaced eka-silicon.

9

- Ans
- 1. Rubidium
  - 2. Gallium
  - 3. Germanium
  - 4. Scandium

Question ID : 6789132074  
Option 1 ID : 6789138296  
Option 2 ID : 6789138294  
Option 3 ID : 6789138295  
Option 4 ID : 6789138293  
Status : Answered  
Chosen Option : 2

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

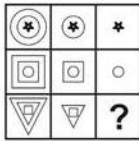
0

- Ans
- 1. Blood is commonly called the river of life.
  - 2. Blood flows at high pressure, with jerk and faster in them.
  - 3. It forms about 7-8% of the body weight.
  - 4. Life span of human RBCs is 15-20 days.

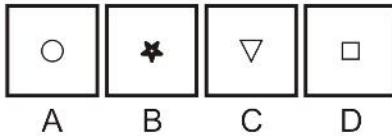
Question ID : 6789132078  
Option 1 ID : 6789138311  
Option 2 ID : 6789138309  
Option 3 ID : 6789138310  
Option 4 ID : 6789138312  
Status : Answered  
Chosen Option : 4

Q.8

1



From the below options, choose the correct picture that fits the blank space in the above figure.



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

Question ID : 6789132048  
 Option 1 ID : 6789138190  
 Option 2 ID : 6789138191  
 Option 3 ID : 6789138189  
 Option 4 ID : 6789138192  
 Status : Answered  
 Chosen Option : 4

Q.8 What is the name of the fund for which the Ministry of Water Resources, River Development and Ganga Rejuvenation  
 2 has collected funds from PSUs to clean the river Ganga?

- Ans
- 1. Clean Ganga Fund
  - 2. Clean Water Fund
  - 3. Jal Fund
  - 4. PSU Fund

Question ID : 6789132098  
 Option 1 ID : 6789138392  
 Option 2 ID : 6789138391  
 Option 3 ID : 6789138390  
 Option 4 ID : 6789138389  
 Status : Not Answered  
 Chosen Option : --

Q.8  
 3 **Question:** What is the thirteenth of a given month?

**Statement:**

- I. The last day of the month is a Tuesday.
- II. The third Friday of the month was sixteenth.

- Ans
- 1. Data in II alone is sufficient
  - 2. Both I and II together are not sufficient
  - 3. Data in I alone is sufficient
  - 4. Data either in I alone or II alone are sufficient

Question ID : 6789132043

Option 1 ID : 6789138170

Option 2 ID : 6789138172

Option 3 ID : 6789138169

Option 4 ID : 6789138171

Status : Answered

Chosen Option : 1

Q.8  
4 Who is the current governor of the Reserve Bank of India (RBI)?

Ans  1. Raghuram Rajan

2. Urjit Patel

3. YV Reddy

4. D Subbarao

Question ID : 6789132090

Option 1 ID : 6789138357

Option 2 ID : 6789138358

Option 3 ID : 6789138360

Option 4 ID : 6789138359

Status : Answered

Chosen Option : 2

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

5 Talk : Chat :: Pour :

Ans  1. Dispense

2. Drown

3. Fall

4. Drop

Question ID : 6789132030

Option 1 ID : 6789138117

Option 2 ID : 6789138118

Option 3 ID : 6789138120

Option 4 ID : 6789138119

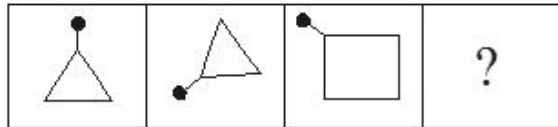
Status : Answered

Chosen Option : 1

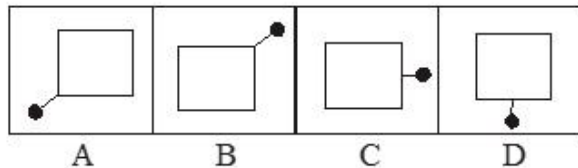
Q.8  
6

Pick the figure that will complete the given series.

**Problem figures**



**Answer figures**



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

Question ID : 6789132047  
Option 1 ID : 6789138187  
Option 2 ID : 6789138188  
Option 3 ID : 6789138185  
Option 4 ID : 6789138186  
Status : Answered  
Chosen Option : 3

Q.8 If the salary of a person is increased by 11% in the first year and decreased by 11% in the second year. What is the percentage change of the salary in the beginning of the third year with respect to his initial salary?

- Ans  1. -1.23  
 2. +1.22  
 3. -1.21  
 4. +1.21

Question ID : 6789132016  
Option 1 ID : 6789138062  
Option 2 ID : 6789138063  
Option 3 ID : 6789138064  
Option 4 ID : 6789138061  
Status : Answered  
Chosen Option : 3

Q.8 I and J are standing facing each other. I is facing South-West. Which direction is J facing with respect to I?

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

Question ID : 6789132053

Option 1 ID : 6789138209  
Option 2 ID : 6789138211  
Option 3 ID : 6789138210  
Option 4 ID : 6789138212  
Status : Answered  
Chosen Option : 1

**Q.8** A porter lifts a luggage of 13 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. ( $g = 10\text{ms}^{-2}$ )

- Ans**
- 1. 100 N
  - 2. 140 J
  - 3. 150 J
  - 4. 195 J

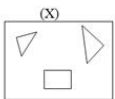
Question ID : 6789132061  
Option 1 ID : 6789138244  
Option 2 ID : 6789138243  
Option 3 ID : 6789138242  
Option 4 ID : 6789138241  
Status : Answered  
Chosen Option : 3

**Q.9** Two numbers are such that the ratio between them is 2 : 7. If 4 is added to each of them, the ratio between them becomes 4 : 9. The original numbers are:

- Ans**
- 1. 2, 7
  - 2. 6, 21
  - 3. 8, 18
  - 4. 4, 14

Question ID : 6789132009  
Option 1 ID : 6789138036  
Option 2 ID : 6789138035  
Option 3 ID : 6789138033  
Option 4 ID : 6789138034  
Status : Answered  
Chosen Option : 4

**Q.9** From the following figure (X), find out which of the figures a, b, c and d can be formed from the pieces given in the figure (X):



- Ans**
- 1.
  - 2.
  - 3.



Question ID : 6789132049  
Option 1 ID : 6789138196  
Option 2 ID : 6789138193  
Option 3 ID : 6789138194  
Option 4 ID : 6789138195  
Status : Answered  
Chosen Option : 2

Q.9 If traffic lights at a cross-section change after every 48 sec, 72 sec and 108 sec, respectively and they all changed together at 9:15:00 a.m., when will they change again simultaneously.

- Ans
- 1. 9:21:07 a.m.
  - 2. 9:22:12 a.m.
  - 3. 9:23:17 a.m.
  - 4. 9:24:27 a.m.

Question ID : 6789132003  
Option 1 ID : 6789138009  
Option 2 ID : 6789138010  
Option 3 ID : 6789138011  
Option 4 ID : 6789138012  
Status : Not Answered  
Chosen Option : --

Q.9 The Special Investigation Team (SIT) on black money which recommended a ban on cash transactions of above ₹ 3 lakh was headed by:

- Ans
- 1. M.B. Shah
  - 2. Arun Jaitley
  - 3. Narendra Modi
  - 4. Ahmed Patel

Question ID : 6789132100  
Option 1 ID : 6789138399  
Option 2 ID : 6789138397  
Option 3 ID : 6789138398  
Option 4 ID : 6789138400  
Status : Not Answered  
Chosen Option : --

Q.9 What would be the smaller of the two angles formed by the hour hand and the minute hand at 12:23 p.m.?

- Ans
- 1.  $126^{\circ}$
  - 2.  $126.5^{\circ}$
  - 3.  $127.5^{\circ}$
  - 4.  $138^{\circ}$

Question ID : 6789132019  
Option 1 ID : 6789138073  
Option 2 ID : 6789138074



Option 3 ID : 6789138076  
Option 4 ID : 6789138075  
Status : Answered  
Chosen Option : 3

Q.9  
5 Who is the Chief Election Commissioner of India as of July 2018?

- Ans
- 1. Ojesh Prakash Rawat
  - 2. Om Pratap Rawat
  - 3. Om Prakash Rawat
  - 4. Omkar Prakash Rawat

Question ID : 6789132092  
Option 1 ID : 6789138368  
Option 2 ID : 6789138365  
Option 3 ID : 6789138366  
Option 4 ID : 6789138367  
Status : Not Answered  
Chosen Option : --

Q.9  
6 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statements:

- I. All bats are black.
- II. Some black are wings.

Conclusions:

- 1. All bats are wings.
- 2. Some wings are black.

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

Question ID : 6789132029  
Option 1 ID : 6789138115  
Option 2 ID : 6789138114  
Option 3 ID : 6789138116  
Option 4 ID : 6789138113  
Status : Answered  
Chosen Option : 1

Q.9  
7 Multiply 8795 by 125:

- Ans
- 1. 1098375
  - 2. 1099305
  - 3. 1099375
  - 4. 1099345

Question ID : 6789132039  
Option 1 ID : 6789138153

Option 2 ID : 6789138156  
Option 3 ID : 6789138154  
Option 4 ID : 6789138155  
Status : Answered  
Chosen Option : 3

Q.9  
8 Setting out in November 1525, Babur met Ibrahim at Panipat, 80 km north of Delhi, on April 21, \_\_\_\_\_.

- Ans
- 1. 1519
  - 2. 1521
  - 3. 1527
  - 4. 1526

Question ID : 6789132095  
Option 1 ID : 6789138377  
Option 2 ID : 6789138379  
Option 3 ID : 6789138380  
Option 4 ID : 6789138378  
Status : Not Answered  
Chosen Option : --

Q.9  
9 The HCF of 30, 42 and 96 is:

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

Question ID : 6789132001  
Option 1 ID : 6789138003  
Option 2 ID : 6789138004  
Option 3 ID : 6789138001  
Option 4 ID : 6789138002  
Status : Answered  
Chosen Option : 4

Q.1  
00 The HCF of 44, 88 and 154 is:

- Ans
- 1. 44
  - 2. 22
  - 3. 8
  - 4. 11

Question ID : 6789132002  
Option 1 ID : 6789138006  
Option 2 ID : 6789138005  
Option 3 ID : 6789138008  
Option 4 ID : 6789138007  
Status : Answered  
Chosen Option : 2