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# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

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

Participant ID:	272026082200020
Participants Name:	SYED MD FARMAN
Test Center Name:	ION DIGITAL ZONE IDZ Bokaro
Test Date:	26/09/2018
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 sum of  $\frac{5}{11}$  and  $\frac{11}{5}$  is:

- Ans
- 1.  $\frac{16}{55}$
  - 2.  $\frac{110}{55}$
  - 3.  $\frac{146}{55}$
  - 4.  $\frac{16}{16}$

Question ID : 6913521804  
Option 1 ID : 6913527213  
Option 2 ID : 6913527214  
Option 3 ID : 6913527215  
Option 4 ID : 6913527216

Status : Answered  
Chosen Option : 3

Q.2 Who is the author of the book 'Half Girl Friend', released recently?

- Ans
- 1. Shashi Tharoor
  - 2. Vinod Chopra
  - 3. Chetan Bhagat
  - 4. Rajdeep sardesai

Question ID : 6913521886  
Option 1 ID : 6913527543  
Option 2 ID : 6913527544  
Option 3 ID : 6913527541  
Option 4 ID : 6913527542

Status : Answered

Q.3 Tartaric acid is a constituent of:

- Ans  1. Baking powder  
 2. Baking soda  
 3. Washing soda  
 4. Vinegar

Question ID : 6913521871

Option 1 ID : 6913527481

Option 2 ID : 6913527482

Option 3 ID : 6913527483

Option 4 ID : 6913527484

Status : Answered

Chosen Option : 4

Q.4 63% of a number is 315. What is the number?

- Ans  1. 500  
 2. 420  
 3. 475  
 4. 450

Question ID : 6913521810

Option 1 ID : 6913527238

Option 2 ID : 6913527237

Option 3 ID : 6913527239

Option 4 ID : 6913527240

Status : Answered

Chosen Option : 1

Q.5 Find the next term in this series.

2,18,162, \_\_\_\_\_.

- Ans  1. 1458  
 2. 1584  
 3. 2400  
 4. 1400

Question ID : 6913521838

Option 1 ID : 6913527351

Option 2 ID : 6913527352

Option 3 ID : 6913527350

Option 4 ID : 6913527349

Status : Answered

Chosen Option : 1

Q.6 Eka-silicon is known as:

- Ans  1. Germanium  
 2. Silicon

3. Gallium  
 4. Aluminium

Question ID : 6913521867  
Option 1 ID : 6913527467  
Option 2 ID : 6913527466  
Option 3 ID : 6913527468  
Option 4 ID : 6913527465  
Status : Answered  
Chosen Option : 3

Q.7 Which of the following teams won the 2016 Premier Badminton League?

- Ans  1. Delhi Acers  
 2. Chennai Smashers  
 3. Mumbai Rockets  
 4. Hyderabad Hunters

Question ID : 6913521883  
Option 1 ID : 6913527530  
Option 2 ID : 6913527531  
Option 3 ID : 6913527529  
Option 4 ID : 6913527532  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.8 The volume of a right circular cone, whose radius of the base is the same as five-ninths of its altitude and the volume of a sphere are equal. The ratio of the radii of the cone to the sphere is:

- Ans  1.  $\sqrt[3]{4} : \sqrt[3]{3}$   
 2. 1 : 1  
 3.  $\sqrt[3]{60} : 3$   
 4.  $\sqrt[3]{3} : \sqrt[3]{2}$

Question ID : 6913521820  
Option 1 ID : 6913527278  
Option 2 ID : 6913527277  
Option 3 ID : 6913527279  
Option 4 ID : 6913527280  
Status : Answered  
Chosen Option : 3

Q.9 Who among the following won a gold medal at the World Weightlifting Championship 2017?

- Ans  1. Segura Ana  
 2. Mirabai Chanu  
 3. Sukcharoen Thunya  
 4. Karanam Malleswari

Question ID : 6913521881  
Option 1 ID : 6913527523  
Option 2 ID : 6913527521

Option 3 ID : 6913527522  
Option 4 ID : 6913527524  
Status : Answered  
Chosen Option : 2

Q.1  
0 Which does NOT belong to this group?

- A. Rack
- B. Window
- C. Door
- D. Shutter

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

Question ID : 6913521844  
Option 1 ID : 6913527376  
Option 2 ID : 6913527373  
Option 3 ID : 6913527374  
Option 4 ID : 6913527375  
Status : Answered  
Chosen Option : 2

Q.1  
1 The absolute refraction index of diamond is \_\_\_\_\_.

Ans  1. 2.23  
 2. 2.32  
 3. 2.42  
 4. 2.24

Question ID : 6913521863  
Option 1 ID : 6913527452  
Option 2 ID : 6913527451  
Option 3 ID : 6913527449  
Option 4 ID : 6913527450  
Status : Answered  
Chosen Option : 3

Q.1  
2 The *Harshacharitra* by \_\_\_\_\_ gives us accurate information about Harsha and his administration.

Ans  1. Fa Hien  
 2. Tulsidas  
 3. Kalhana  
 4. Banabhatta

Question ID : 6913521894  
Option 1 ID : 6913527576  
Option 2 ID : 6913527575  
Option 3 ID : 6913527574  
Option 4 ID : 6913527573

Q.1  
3 Identify the wrong term from the following series.

1, 8, 27, 125, 342, 1331

- Ans
- 1. 1331
  - 2. 27
  - 3. 342
  - 4. 125

Question ID : **6913521839**  
Option 1 ID : **6913527354**  
Option 2 ID : **6913527353**  
Option 3 ID : **6913527356**  
Option 4 ID : **6913527355**  
Status : **Answered**  
Chosen Option : **3**

Q.1  
4 As of August 2018, who is the present union minister of Agriculture and Farmers Welfare?

- Ans
- 1. Arun Jaitley
  - 2. Radha Mohan Singh
  - 3. J. P. Nadda
  - 4. Piyush Goyal

Question ID : **6913521893**  
Option 1 ID : **6913527571**  
Option 2 ID : **6913527572**  
Option 3 ID : **6913527569**  
Option 4 ID : **6913527570**  
Status : **Answered**  
Chosen Option : **3**

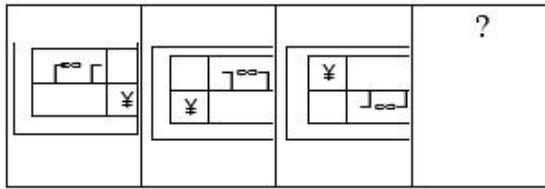
Q.1  
5 India tested its first nuclear device in:

- Ans
- 1. Sriharikota
  - 2. Kalpakkam
  - 3. Pokhran
  - 4. Tarapur

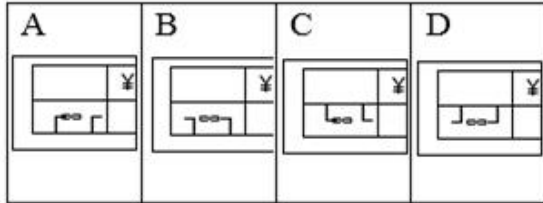
Question ID : **6913521865**  
Option 1 ID : **6913527457**  
Option 2 ID : **6913527458**  
Option 3 ID : **6913527460**  
Option 4 ID : **6913527459**  
Status : **Answered**  
Chosen Option : **3**

Q.1  
6

Which figure follows next?



Option Figures



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

Question ID : 6913521847

Option 1 ID : 6913527385

Option 2 ID : 6913527387

Option 3 ID : 6913527386

Option 4 ID : 6913527388

Status : Answered

Chosen Option : 2

Q.1  
7 Find the value of  $\sqrt{4.2436}$ .

- Ans  1. 2.04  
 2. 2.14  
 3. 2.06  
 4. 2.16

Question ID : 6913521802

Option 1 ID : 6913527207

Option 2 ID : 6913527206

Option 3 ID : 6913527208

Option 4 ID : 6913527205

Status : Answered

Chosen Option : 3

Q.1  
8 A solution contains 60 g of common salt in 340 g water. Calculate the concentration in terms of mass by mass percentage of the solution.

- Ans  1. 60%  
 2. 25%  
 3. 15%  
 4. 10%

Question ID : 6913521869

Option 1 ID : 6913527473  
Option 2 ID : 6913527475  
Option 3 ID : 6913527474  
Option 4 ID : 6913527476  
Status : Answered  
Chosen Option : 3

Q.1 \_\_\_\_\_ double bond(s) is/are present in one molecule of Benzene.

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

Question ID : 6913521872  
Option 1 ID : 6913527487  
Option 2 ID : 6913527485  
Option 3 ID : 6913527486  
Option 4 ID : 6913527488  
Status : Answered  
Chosen Option : 1

Q.2 Who established the Sun TV Network?

- Ans  1. Kalanithi Maran  
 2. Rakesh Jhunjhunwala  
 3. Vikas Oberoi  
 4. Ranjan Pai

Question ID : 6913521889  
Option 1 ID : 6913527554  
Option 2 ID : 6913527553  
Option 3 ID : 6913527556  
Option 4 ID : 6913527555  
Status : Not Answered  
Chosen Option : --

Q.2 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

What will be the age of S, 3 years from now?

Statements:

1. M is 25 years old today
2. S is younger to M by 10 years

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

Question ID : 6913521841  
Option 1 ID : 6913527362  
Option 2 ID : 6913527361  
Option 3 ID : 6913527363  
Option 4 ID : 6913527364



Status : **Answered**  
Chosen Option : 4

Q.2  
2 Which of the following numbers will have an irrational square root?

- Ans
- 1. 13225
  - 2. 18025
  - 3. 15625
  - 4. 21025

Question ID : **6913521806**  
Option 1 ID : **6913527221**  
Option 2 ID : **6913527223**  
Option 3 ID : **6913527222**  
Option 4 ID : **6913527224**  
Status : **Answered**  
Chosen Option : 4

Q.2  
3 You are given a question and three statements. Identify which of the statements is/are necessary/sufficient to answer the question.

K, F, M and T are standing in a queue. Based on the following information, can we tell who is standing in the second place if we arrange shortest to tallest?

Statements:

- 1. F is the tallest.
- 2. K is taller than T.
- 3. T is the shortest.

- Ans
- 1. Statements 1 and 2 together are sufficient.
  - 2. Statement 1 and 3 are sufficient to solve.
  - 3. The statements are insufficient.
  - 4. Statements 1, 2, 3 alone are enough to solve.

Question ID : **6913521843**  
Option 1 ID : **6913527370**  
Option 2 ID : **6913527369**  
Option 3 ID : **6913527372**  
Option 4 ID : **6913527371**  
Status : **Answered**  
Chosen Option : 3

Q.2  
4 In a bag the ratio of red balls to green balls is 15 : 26. If 12 more green balls are added to the bag the ratio of red balls to green balls will become 1 : 2. How many red balls are there in the bag?

- Ans
- 1. 30
  - 2. 45
  - 3. 15
  - 4. 60

Question ID : **6913521812**  
Option 1 ID : **6913527245**  
Option 2 ID : **6913527246**  
Option 3 ID : **6913527247**  
Option 4 ID : **6913527248**  
Status : **Answered**

Q.2  
5 Mendel obtained F<sub>2</sub> progeny from F<sub>1</sub> generation plants by the method of:

- Ans
- 1. Cross-pollination
  - 2. Vegetative propagation
  - 3. Asexual reproduction
  - 4. Self-pollination

Question ID : 6913521880

Option 1 ID : 6913527517

Option 2 ID : 6913527519

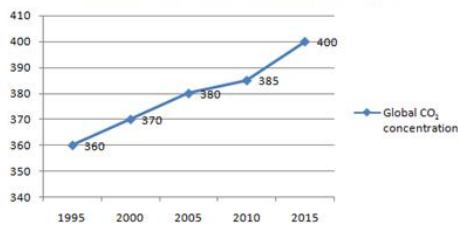
Option 3 ID : 6913527520

Option 4 ID : 6913527518

Status : Answered

Chosen Option : 1

Q.2  
6 Global CO<sub>2</sub> concentration (ppm)



Based on the given graph, what is the percentage change in CO<sub>2</sub> concentration from year 1995 to 2015?

- Ans
- 1. 11.00%
  - 2. 11.31%
  - 3. 11.26%
  - 4. 11.11%

Question ID : 6913521840

Option 1 ID : 6913527358

Option 2 ID : 6913527360

Option 3 ID : 6913527357

Option 4 ID : 6913527359

Status : Answered

Chosen Option : 4

Q.2  
7 Zinc can displace copper from copper sulphate solution because zinc is:

- Ans
- 1. more reactive than copper
  - 2. less reactive than copper
  - 3. more oxidised than copper
  - 4. less oxidised than copper

Question ID : 6913521870

Option 1 ID : 6913527480

Option 2 ID : 6913527479

Option 3 ID : 6913527478

Option 4 ID : 6913527477  
Status : Answered  
Chosen Option : 1

Q.2  
8 Which Indian woman cricketer crossed the 200 ODI wickets in 2018?

- Ans
- 1. Charlotte Edwards
  - 2. Dane van Niekerk
  - 3. Meg Lanning
  - 4. Jhulan Goswami

Question ID : 6913521882  
Option 1 ID : 6913527525  
Option 2 ID : 6913527528  
Option 3 ID : 6913527527  
Option 4 ID : 6913527526  
Status : Not Answered  
Chosen Option : --

Q.2  
9 Name the supersonic missile that was successfully test-fired by the Indian Navy in 2017?

- Ans
- 1. Agni
  - 2. Vajra
  - 3. BrahMos
  - 4. GSAT-17

Question ID : 6913521900  
Option 1 ID : 6913527597  
Option 2 ID : 6913527599  
Option 3 ID : 6913527598  
Option 4 ID : 6913527600  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.3  
0 In \_\_\_\_\_, local thunderstorms are called mango shower which helps in ripening mango crop.

- Ans
- 1. Odisha
  - 2. Gujarat
  - 3. Uttar Pradesh
  - 4. Kerala

Question ID : 6913521897  
Option 1 ID : 6913527588  
Option 2 ID : 6913527586  
Option 3 ID : 6913527585  
Option 4 ID : 6913527587  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.3  
1 If  $2x^2 + ax + 2b$ , when divided by  $x - 1$ , leaves a remainder of 16 and  $x^2 + bx + 2a$ , when divided by  $x + 1$ , leaves a remainder of  $-1$ , then  $a + b$  equals:

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

Question ID : 6913521825  
Option 1 ID : 6913527298  
Option 2 ID : 6913527300  
Option 3 ID : 6913527297  
Option 4 ID : 6913527299  
Status : Not Answered  
Chosen Option : --

Q.3  
2  $104 \div [68 - \{29 - (45 - 56 \div 7 \times 4)\}] = ?$

- Ans  1. 4  
 2. 2  
 3. 8  
 4. 13

Question ID : 6913521807  
Option 1 ID : 6913527226  
Option 2 ID : 6913527225  
Option 3 ID : 6913527227  
Option 4 ID : 6913527228  
Status : Answered  
Chosen Option : 2

Q.3  
3 In the modern periodic table, elements having atomic numbers 19 to 36 are placed in the period:

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

Question ID : 6913521875  
Option 1 ID : 6913527498  
Option 2 ID : 6913527500  
Option 3 ID : 6913527499  
Option 4 ID : 6913527497  
Status : Answered  
Chosen Option : 1

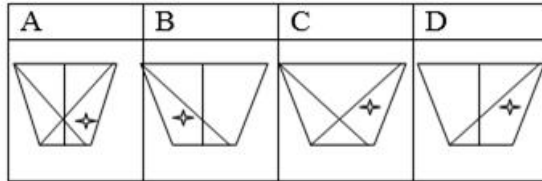
Q.3  
4 If  $a + \frac{1}{a} = -6$ , find the value of  $a^3 + \frac{1}{a^3}$

- Ans  1. 216  
 2. -198  
 3. -216  
 4. 198

Question ID : 6913521823

Option 1 ID : 6913527291  
Option 2 ID : 6913527290  
Option 3 ID : 6913527292  
Option 4 ID : 6913527289  
Status : Answered  
Chosen Option : 2

Q.3  
5 Which of the options bears the closest resemblance to the following figure?



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

Question ID : 6913521849  
Option 1 ID : 6913527396  
Option 2 ID : 6913527394  
Option 3 ID : 6913527393  
Option 4 ID : 6913527395  
Status : Answered  
Chosen Option : 3

Q.3  
6 A and B can complete a task in 50 days, B and C can complete it in 37.5 days while C and A can do the same task together in 30 days. How many days will A, B and C each take to complete the task individually?

Ans  1. 40, 60 and 120  
 2. 60, 120 and 40  
 3. 75, 150 and 50  
 4. 50, 150 and 75

Question ID : 6913521815  
Option 1 ID : 6913527260  
Option 2 ID : 6913527258  
Option 3 ID : 6913527257  
Option 4 ID : 6913527259  
Status : Answered  
Chosen Option : 3

Q.3  
7 A shop consumed 250 units of energy in a month. How much energy was consumed in joules?

Ans  1.  $9 \times 10^{-8}$  J  
 2.  $9 \times 10^{-7}$  J

✓ 3.  $9 \times 10^8$  J

✗ 4.  $9 \times 10^7$  J

Question ID : 6913521861

Option 1 ID : 6913527442

Option 2 ID : 6913527444

Option 3 ID : 6913527441

Option 4 ID : 6913527443

Status : Answered

Chosen Option : 3

Q.3  
8 The two roots of a quadratic equation are given as  $x = \frac{4}{3}$  and  $x = -\frac{3}{7}$ . The equation can be written as:

Ans ✗ 1.  $(7x - 3)(3x - 4) = 0$

✓ 2.  $(7x + 3)(3x - 4) = 0$

✗ 3.  $(7x + 3)(3x + 4) = 0$

✗ 4.  $(7x - 3)(3x + 4) = 0$

Question ID : 6913521824

Option 1 ID : 6913527294

Option 2 ID : 6913527293

Option 3 ID : 6913527296

Option 4 ID : 6913527295

Status : Answered

Chosen Option : 2

Q.3  
9 Usha Uthup of West Bengal won the Padma Shri for which field?

Ans ✗ 1. Literature

✗ 2. Social Work

✓ 3. Arts

✗ 4. Theatre

Question ID : 6913521888

Option 1 ID : 6913527551

Option 2 ID : 6913527552

Option 3 ID : 6913527550

Option 4 ID : 6913527549

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4  
0 Pyarimohan Mohapatra is a political leader belonging to which Indian state?

Ans ✗ 1. Assam

✗ 2. West Bengal

✗ 3. Bihar

✓ 4. Odisha

Question ID : 6913521892

Option 1 ID : 6913527568

Option 2 ID : 6913527567

Option 3 ID : 6913527566  
Option 4 ID : 6913527565  
Status : Answered  
Chosen Option : 1

Q.4  
1 Bone cells are embedded in a hard matrix that is composed of:

- Ans
- 1. Ca and Na
  - 2. P and Na
  - 3. Ca and F
  - 4. Ca and P

Question ID : 6913521877  
Option 1 ID : 6913527505  
Option 2 ID : 6913527506  
Option 3 ID : 6913527508  
Option 4 ID : 6913527507  
Status : Answered  
Chosen Option : 4

Q.4  
2 If '<' is treated as '+' and '>' is treated as '-', then what will be the value of  $((25 < 15) \times 4) < 1$  ?

- Ans
- 1. 11
  - 2. 5
  - 3. 20
  - 4. 13

Question ID : 6913521836  
Option 1 ID : 6913527343  
Option 2 ID : 6913527344  
Option 3 ID : 6913527341  
Option 4 ID : 6913527342  
Status : Answered  
Chosen Option : 1

Q.4  
3 Last year, Mayank's capital investment in a small business venture was ₹ 20,000. This year, to cater to new customer base, he is planning to increase the capital funding to 30% of what he had invested last year. How much money is he planning to invest this year?

- Ans
- 1. ₹ 23,000
  - 2. ₹ 22,500
  - 3. ₹ 60,000
  - 4. ₹ 26,000

Question ID : 6913521842  
Option 1 ID : 6913527366  
Option 2 ID : 6913527367  
Option 3 ID : 6913527365  
Option 4 ID : 6913527368  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.4

4 2500 Watts = \_\_\_\_\_ kW

- Ans
- 1. 250
  - 2. 0.25
  - 3. 25
  - 4. 2.5

Question ID : 6913521860  
Option 1 ID : 6913527439  
Option 2 ID : 6913527440  
Option 3 ID : 6913527437  
Option 4 ID : 6913527438  
Status : Answered  
Chosen Option : 4

Q.4  
5 \_\_\_\_\_ is commonly used in electrical heating devices.

- Ans
- 1. Copper
  - 2. Nichrome
  - 3. Iron
  - 4. Aluminium

Question ID : 6913521866  
Option 1 ID : 6913527461  
Option 2 ID : 6913527463  
Option 3 ID : 6913527464  
Option 4 ID : 6913527462  
Status : Answered  
Chosen Option : 2

Q.4  
6 A boy is observing a hot air balloon flying at 692 m above ground. The angle of elevation of balloon from the eyes of the boy was  $60^\circ$ . After sometime, the balloon moves away horizontally from the boy and the angle reduces to  $30^\circ$ . What is the approximate distance travelled by the balloon? Take  $\sqrt{3} = 1.73$

- Ans
- 1. 400 m
  - 2. 800 m
  - 3. 600 m
  - 4. 200 m

Question ID : 6913521822  
Option 1 ID : 6913527287  
Option 2 ID : 6913527288  
Option 3 ID : 6913527285  
Option 4 ID : 6913527286  
Status : Answered  
Chosen Option : 2

Q.4  
7 The square root of 4356 is:

- Ans
- 1. 84
  - 2. 66
  - 3. 64
  - 4. 76



Question ID : 6913521805

Option 1 ID : 6913527218

Option 2 ID : 6913527219

Option 3 ID : 6913527220

Option 4 ID : 6913527217

Status : Answered

Chosen Option : 2

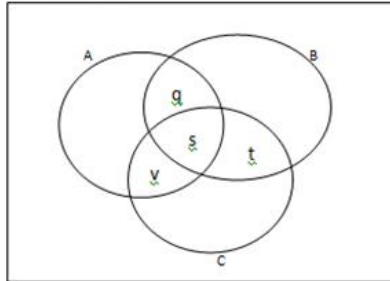
Q.4 Based on the given Venn diagram, answer the following question.

8

A- People who are efficient

B- People who are honest

C- People who are hard-working



Which segment represents people who are only hardworking but not honest or efficient?

Ans

✓ 1.  $c - (v + s + t)$

✗ 2.  $c - (v + s)$

✗ 3.  $c$

✗ 4.  $c - (v + t)$

Question ID : 6913521852

Option 1 ID : 6913527405

Option 2 ID : 6913527406

Option 3 ID : 6913527407

Option 4 ID : 6913527408

Status : Answered

Chosen Option : 1

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

9

Mountain : Cloud :: Desert : ?

Ans

1. Mirage

2. Palm

3. Water

4. Sand

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

Question ID : 6913521826

Option 1 ID : 6913527301

Option 2 ID : 6913527304

Option 3 ID : 6913527303

Option 4 ID : 6913527302

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.5 Which of the following is one of the features of Insolvency and Bankruptcy Code (Amendment) Ordinance, 2018?

0

Ans  1.

Relief to home buyers by recognising their status as financial creditors

- 2. Full waiver of interest
- 3. Payment of interest subsidy
- 4. Free loan to creditors

Question ID : 6913521899

Option 1 ID : 6913527593

Option 2 ID : 6913527595

Option 3 ID : 6913527596

Option 4 ID : 6913527594

Status : Not Answered

Chosen Option : --

Q.5 In a certain code, if TIME is written as 209135, then how will WATCH be written as?

1

Ans  1. 2312038

2. 2412039

3. 2412038

4. 2312039

Question ID : 6913521831

Option 1 ID : 6913527321

Option 2 ID : 6913527324

Option 3 ID : 6913527323

Option 4 ID : 6913527322

Status : Answered

Chosen Option : 1

Q.5 What is the maximum number of electrons that can be accommodated in k shell?

2

Ans  1. 18

2. 32

3. 2

4. 8

Question ID : 6913521868

Option 1 ID : 6913527471

Option 2 ID : 6913527472

Option 3 ID : 6913527469

Option 4 ID : 6913527470

Status : Answered

Chosen Option : 3

Q.5 India's first Videsh Bhavan will be established in which of the following states?

3

Ans  1. Jharkhand

2. Bihar

✓ 3. Maharashtra

✗ 4. Gujarat

Question ID : 6913521890

Option 1 ID : 6913527558

Option 2 ID : 6913527560

Option 3 ID : 6913527559

Option 4 ID : 6913527557

Status : Answered

Chosen Option : 3

Q.5 A flatworm named \_\_\_\_\_ has very simple 'eyes' that are really just eye-spots which detect light.

4

Ans ✗ 1. Ascaris

✗ 2. Tapeworm

✗ 3. Liverfluke

✓ 4. Planaria

Question ID : 6913521879

Option 1 ID : 6913527516

Option 2 ID : 6913527514

Option 3 ID : 6913527513

Option 4 ID : 6913527515

Status : Not Answered

Chosen Option : --

Q.5 Find the next term in this series

5

343, 383, 443, 483, \_\_\_\_\_.

Ans ✓ 1. 543

✗ 2. 548

✗ 3. 600

✗ 4. 643

Question ID : 6913521837

Option 1 ID : 6913527345

Option 2 ID : 6913527348

Option 3 ID : 6913527346

Option 4 ID : 6913527347

Status : Answered

Chosen Option : 1

Q.5 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

6

**Statement:**

After watching a movie, Leela said, "I will suggest all my friends to watch this movie."

**Conclusions:**

I. Leela enjoyed watching the movie

II. She wants her friends to watch too

Ans ✗ 1. Conclusion II alone follows

✗ 2. Conclusion I alone follows

✓ 3. Both the conclusions follow

✗ 4. Neither I nor II follows

Question ID : 6913521833  
Option 1 ID : 6913527330  
Option 2 ID : 6913527329  
Option 3 ID : 6913527331  
Option 4 ID : 6913527332  
Status : Answered  
Chosen Option : 1

Q.5  
7 In a code language, GATE is written as 71205. What is the code for DOOR?

- Ans
- 1. 4151519
  - 2. 4151518
  - 3. 5151518
  - 4. 4151520

Question ID : 6913521829  
Option 1 ID : 6913527313  
Option 2 ID : 6913527316  
Option 3 ID : 6913527315  
Option 4 ID : 6913527314  
Status : Answered  
Chosen Option : 2

Q.5  
8 Given is a question followed by two arguments. Decide which of the arguments is/are strong with respect to the question.

Are smart phones addictive?

Arguments:

- I. Yes, once you are used to smart phones, you tend to spend more time on mobiles ignoring personal time.
- II. No, they offer additional features that are very necessary for modern day lifestyle.

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

Question ID : 6913521835  
Option 1 ID : 6913527340  
Option 2 ID : 6913527339  
Option 3 ID : 6913527338  
Option 4 ID : 6913527337  
Status : Answered  
Chosen Option : 4

Q.5  
9 The formula of ethanol is \_\_\_\_\_.

- Ans
- 1.  $\text{CH}_5\text{OH}$
  - 2.  $\text{C}_2\text{H}_6\text{OH}$
  - 3.  $\text{C}_2\text{H}_5\text{OH}$
  - 4.  $\text{CH}_3\text{CH}_2\text{OH}_2$

Question ID : 6913521873  
Option 1 ID : 6913527490

Option 2 ID : 6913527491  
Option 3 ID : 6913527492  
Option 4 ID : 6913527489  
Status : Answered  
Chosen Option : 3

Q.6  
0 How many triangles are there in this figure?



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

Question ID : 6913521851  
Option 1 ID : 6913527401  
Option 2 ID : 6913527404  
Option 3 ID : 6913527403  
Option 4 ID : 6913527402  
Status : Answered  
Chosen Option : 4

Q.6 Which of the following Venn diagrams correctly represents the relationship between the following words?

- 1
- A) Walking
  - B) Swimming
  - C) Exercise

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

Question ID : 6913521850  
Option 1 ID : 6913527398  
Option 2 ID : 6913527400  
Option 3 ID : 6913527397  
Option 4 ID : 6913527399  
Status : Answered  
Chosen Option : 3

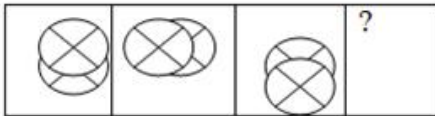
Q.6

2 Two inlet pipes A and B can fill an empty cistern in 22 and 33 hours respectively. They start work together but pipe A had to be closed 5.5 hours before the cistern was full. How many hours in all did it take the two pipes to fill the cistern?

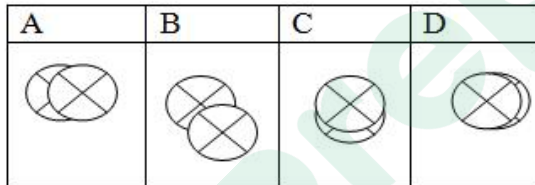
- Ans
- 1. 16
  - 2. 16.5
  - 3. 19.25
  - 4. 16.2

Question ID : 6913521816  
 Option 1 ID : 6913527264  
 Option 2 ID : 6913527262  
 Option 3 ID : 6913527261  
 Option 4 ID : 6913527263  
 Status : Answered  
 Chosen Option : 2

Q.6 Select the option figure that will complete the series of question figures.



Option Figures:



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

Question ID : 6913521846  
 Option 1 ID : 6913527382  
 Option 2 ID : 6913527381  
 Option 3 ID : 6913527383  
 Option 4 ID : 6913527384  
 Status : Answered  
 Chosen Option : 2

Q.6 Which of the following is NOT the neighbouring state of West Bengal?

- Ans
- 1. Sikkim
  - 2. Odisha
  - 3. Jharkhand
  - 4. Meghalaya

Question ID : 6913521896

Option 1 ID : 6913527584  
Option 2 ID : 6913527583  
Option 3 ID : 6913527581  
Option 4 ID : 6913527582  
Status : Answered  
Chosen Option : 4

Q.6  
5 The cerebellum is concerned with:

- Ans
- 1. Remembering and hunger
  - 2. Coordination of muscular movement
  - 3. All involuntary actions
  - 4. Thinking

Question ID : 6913521878  
Option 1 ID : 6913527510  
Option 2 ID : 6913527511  
Option 3 ID : 6913527512  
Option 4 ID : 6913527509  
Status : Answered  
Chosen Option : 2

Q.6  
6 Who won the 2016 Lata Mangeshkar Award For Lifetime Achievement?

- Ans
- 1. Uttam Singh
  - 2. Preetam Singh
  - 3. Arjit Singh
  - 4. Bappi Lahiri

Question ID : 6913521885  
Option 1 ID : 6913527539  
Option 2 ID : 6913527537  
Option 3 ID : 6913527538  
Option 4 ID : 6913527540  
Status : Answered  
Chosen Option : 4

Q.6  
7 An object of mass 10 kg is moving with a velocity of  $2\text{ms}^{-2}$ . The momentum possessed by the body is \_\_\_\_\_.

- Ans
- 1.  $20\text{ kgms}^1$
  - 2.  $5\text{ kgms}^{-1}$
  - 3.  $5\text{ kgms}^1$
  - 4.  $20\text{ kgms}^{-1}$

Question ID : 6913521859  
Option 1 ID : 6913527434  
Option 2 ID : 6913527433  
Option 3 ID : 6913527436  
Option 4 ID : 6913527435  
Status : Answered

Q.6 Arab merchants shipped Indian goods to \_\_\_\_\_ countries through the Red Sea and the Mediterranean ports.

8

- Ans
- 1. Australian
  - 2. European
  - 3. African
  - 4. American

Question ID : 6913521895

Option 1 ID : 6913527580

Option 2 ID : 6913527578

Option 3 ID : 6913527577

Option 4 ID : 6913527579

Status : Answered

Chosen Option : 2

Q.6 Which of the following does NOT belong to this group?

9

- A. Clip
- B. Pin
- C. Band
- D. Towel

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

Question ID : 6913521845

Option 1 ID : 6913527380

Option 2 ID : 6913527378

Option 3 ID : 6913527379

Option 4 ID : 6913527377

Status : Answered

Chosen Option : 1

Q.7 An object travels 25 m in 4 s and then another 15 m in 2 s. What is the average speed of the object?

0

- Ans
- 1.  $6.67 \text{ s}^{-1}$
  - 2.  $6.67 \text{ ms}^1$
  - 3.  $6.67 \text{ m}$
  - 4.  $6.67 \text{ ms}^{-1}$

Question ID : 6913521857

Option 1 ID : 6913527427

Option 2 ID : 6913527428

Option 3 ID : 6913527425

Option 4 ID : 6913527426

Status : Answered

Chosen Option : 4



Q.7 Raghav's age after 11 years will be 5 times his age 5 years back. What is Raghav's present age?

- 1
- Ans
- 1. 7 years
  - 2. 4 years
  - 3. 8 years
  - 4. 9 years

Question ID : 6913521817  
Option 1 ID : 6913527266  
Option 2 ID : 6913527265  
Option 3 ID : 6913527267  
Option 4 ID : 6913527268  
Status : Answered  
Chosen Option : 4

Q.7 Select the horizontal mirror image of REST from the given option figures?

2

Option figures.

REST	T23R	BE2L	1S3R
A	B	C	D

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

Question ID : 6913521855  
Option 1 ID : 6913527418  
Option 2 ID : 6913527417  
Option 3 ID : 6913527420  
Option 4 ID : 6913527419  
Status : Answered  
Chosen Option : 4

Q.7 'When elements are arranged in the order of increasing atomic masses, the atomic mass of the middle element is roughly the average of the atomic masses of the other two elements' — this law is known as:

- 3
- Ans
- 1. Dobereiner's law of triads
  - 2. Mendeleev's law
  - 3. Newlands law of octaves
  - 4. Newton's law

Question ID : 6913521874  
Option 1 ID : 6913527496  
Option 2 ID : 6913527493  
Option 3 ID : 6913527494  
Option 4 ID : 6913527495  
Status : Answered  
Chosen Option : 1

Q.7  
4 If  $a : b = \frac{3}{2} : \frac{7}{3}$  and  $b : c = \frac{1}{5} : \frac{1}{7}$  then find  $a : b : c$ .

- Ans
- 1. 14 : 9 : 10
  - 2. 9 : 14 : 10
  - 3. 10 : 9 : 14
  - 4. 4 : 5 : 7

Question ID : 6913521809

Option 1 ID : 6913527235

Option 2 ID : 6913527234

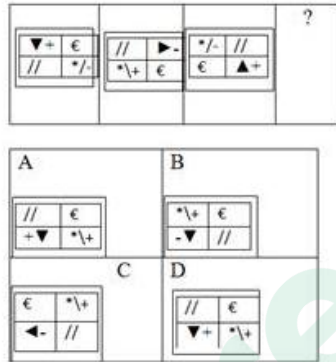
Option 3 ID : 6913527236

Option 4 ID : 6913527233

Status : Answered

Chosen Option : 2

Q.7  
5 Which of the option figures follows next in the series on question figures?



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

Question ID : 6913521848

Option 1 ID : 6913527389

Option 2 ID : 6913527390

Option 3 ID : 6913527392

Option 4 ID : 6913527391

Status : Answered

Chosen Option : 4

Q.7  
6 The Prime Minister of India cannot participate in voting on a no-confidence motion against her/his government if she/he:

- Ans
- 1. Is a member of Rajya Sabha
  - 2. Is in majority
  - 3. Is a member of Lok Sabha
  - 4. Forbidden by opposition parties of Lok Sabha

Question ID : 6913521891

Option 1 ID : 6913527563

Option 2 ID : 6913527561

Option 3 ID : 6913527562  
Option 4 ID : 6913527564  
Status : Answered  
Chosen Option : 4

Q.7 Who launched "Move Hack", global mobility hackathon to crowdsource solutions for the future of mobility in India?  
7

- Ans
- 1. Startup India
  - 2. Startup Village
  - 3. Standup India
  - 4. NITI Aayog

Question ID : 6913521898  
Option 1 ID : 6913527592  
Option 2 ID : 6913527590  
Option 3 ID : 6913527591  
Option 4 ID : 6913527589  
Status : Answered  
Chosen Option : 4

Q.7 Z and L go for jogging in a park that has a square jogging track. Z jogs at the same pace as L. They jog in opposite  
8 directions. If they start jogging East-West direction. Half way through in which direction they will meet again?

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

Question ID : 6913521854  
Option 1 ID : 6913527416  
Option 2 ID : 6913527414  
Option 3 ID : 6913527413  
Option 4 ID : 6913527415  
Status : Answered  
Chosen Option : 2

Q.7 Which among the following actors won the Best Actor (Male) award at the 18th IIFA Awards held in 2017?  
9

- Ans
- 1. Shahid Kapoor
  - 2. Arjun Kapoor
  - 3. Aamir Khan
  - 4. Salman Khan

Question ID : 6913521884  
Option 1 ID : 6913527535  
Option 2 ID : 6913527536  
Option 3 ID : 6913527533  
Option 4 ID : 6913527534  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.8

0  $\{(99 - 1)/7^2\} \times 2 + 8 = ?$

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

Question ID : 6913521803  
Option 1 ID : 6913527209  
Option 2 ID : 6913527211  
Option 3 ID : 6913527210  
Option 4 ID : 6913527212  
Status : Answered  
Chosen Option : 4

Q.8  
1 Which Indian personality was honored with the 2017 Carnegie Medal of Philanthropy?

- Ans
- 1. Anil Ambani
  - 2. Ness Wadia
  - 3. Ratan Tata
  - 4. Azim Premji

Question ID : 6913521887  
Option 1 ID : 6913527547  
Option 2 ID : 6913527546  
Option 3 ID : 6913527548  
Option 4 ID : 6913527545  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.8  
2 At a given temperature, the speed of sound is maximum in \_\_\_\_\_.

- Ans
- 1. Steel
  - 2. Nickel
  - 3. Iron
  - 4. Aluminium

Question ID : 6913521864  
Option 1 ID : 6913527454  
Option 2 ID : 6913527455  
Option 3 ID : 6913527453  
Option 4 ID : 6913527456  
Status : Answered  
Chosen Option : 4

Q.8  
3 Pointing to a photograph, Neel says he is the son of the only daughter of the father of my sister. Whom is he pointing at?

- Ans
- 1. Nephew
  - 2. Friend
  - 3. Cousin
  - 4. Niece

Question ID : 6913521828  
Option 1 ID : 6913527312  
Option 2 ID : 6913527310  
Option 3 ID : 6913527309  
Option 4 ID : 6913527311  
Status : Answered  
Chosen Option : 1

Q.8 Consider the given statement(s) and decide which of the given assumptions is/are implicit in the statement.

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

Question ID : 6913521834  
Option 1 ID : 6913527336  
Option 2 ID : 6913527334  
Option 3 ID : 6913527335  
Option 4 ID : 6913527333  
Status : Answered  
Chosen Option : 3

Q.8 The effect of Thrust depends on which of the following?

- 5
- Ans
- 1. Area
  - 2. Volume
  - 3. Mass
  - 4. Weight

Question ID : 6913521858  
Option 1 ID : 6913527431  
Option 2 ID : 6913527432  
Option 3 ID : 6913527429  
Option 4 ID : 6913527430  
Status : Answered  
Chosen Option : 2

Q.8 Between  $5^2$  and  $6^2$  there are \_\_\_\_\_ non-perfect square numbers.

- 6
- Ans
- 1. 11
  - 2. 6
  - 3. 12
  - 4. 10

Question ID : 6913521801  
Option 1 ID : 6913527201  
Option 2 ID : 6913527204

Option 3 ID : 6913527202  
Option 4 ID : 6913527203  
Status : Answered  
Chosen Option : 4

Q.8 A student has to secure 40% marks to pass. He obtains 40 marks and fails by 40 marks. What are the maximum marks obtainable?

- 7
- Ans  1. 400  
 2. 250  
 3. 200  
 4. 500

Question ID : 6913521811  
Option 1 ID : 6913527243  
Option 2 ID : 6913527242  
Option 3 ID : 6913527241  
Option 4 ID : 6913527244  
Status : Answered  
Chosen Option : 3

Q.8 Pipe A can fill an empty cistern in 6.8 hours. Pipe B can fill it up in 10.2 hours. Only Pipe B is turned on for 1.7 hours after which Pipe A is also turned on. How much time will it take in all to fill up the cistern?

- 8
- Ans  1. 5 hours 6 minutes  
 2. 5 hours 12 minutes  
 3. 5 hours 5 minutes  
 4. 5 hours 10 minutes

Question ID : 6913521818  
Option 1 ID : 6913527269  
Option 2 ID : 6913527272  
Option 3 ID : 6913527270  
Option 4 ID : 6913527271  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.8 Vinita and Nikita are sisters. Vinay is the son of Nikita's father's sister. How is Vinay related to Vinita?

- 9
- Ans  1. Father  
 2. Brother  
 3. Cousin  
 4. Uncle

Question ID : 6913521827  
Option 1 ID : 6913527308  
Option 2 ID : 6913527307  
Option 3 ID : 6913527306  
Option 4 ID : 6913527305  
Status : Answered  
Chosen Option : 3

Q.9 A 153 m long train crosses a 747 m long bridge in 40.5 seconds. What is the speed of the train?

0

Ans

- ✓ 1. 80 km/h
- ✗ 2. 70 km/h
- ✗ 3. 75 km/h
- ✗ 4. 85 km/h

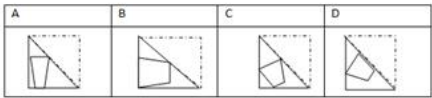
Question ID : 6913521813  
 Option 1 ID : 6913527250  
 Option 2 ID : 6913527252  
 Option 3 ID : 6913527249  
 Option 4 ID : 6913527251  
 Status : Answered  
 Chosen Option : 1

Q.9 In a code language, JAIL is written as 9081. What is the code for PRISON?

- Ans
- ✓ 1. 578843
  - ✗ 2. 598843
  - ✗ 3. 579843
  - ✗ 4. 578943

Question ID : 6913521830  
 Option 1 ID : 6913527319  
 Option 2 ID : 6913527320  
 Option 3 ID : 6913527318  
 Option 4 ID : 6913527317  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

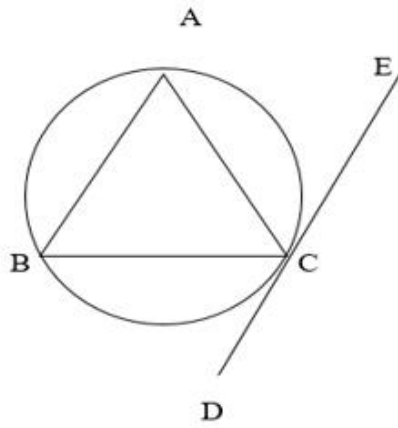
Q.9 Which pattern will the given transparent sheet resemble when it is folded at the dotted line?



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

Question ID : 6913521853  
 Option 1 ID : 6913527411  
 Option 2 ID : 6913527412  
 Option 3 ID : 6913527410  
 Option 4 ID : 6913527409  
 Status : Answered  
 Chosen Option : 3

Q.9  
3



If  $\angle BCD = 82^\circ$ , then  $\angle BAC = ?$

- Ans
- 1.  $85^\circ$
  - 2.  $82^\circ$
  - 3.  $83^\circ$
  - 4.  $77^\circ$

Question ID : 6913521821  
Option 1 ID : 6913527282  
Option 2 ID : 6913527283  
Option 3 ID : 6913527284  
Option 4 ID : 6913527281

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.9 A ball thrown up vertically returns to the ground after 12.5 second. Find the velocity with which it was thrown up? ( $g = 10\text{ms}^{-2}$ )

- Ans
- 1.  $125 \text{ ms}^{-1}$
  - 2.  $65 \text{ ms}^{-1}$
  - 3.  $12.5 \text{ ms}^{-1}$
  - 4.  $10 \text{ ms}^{-1}$

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

Question ID : 6913521856  
Option 1 ID : 6913527421  
Option 2 ID : 6913527422  
Option 3 ID : 6913527423  
Option 4 ID : 6913527424

Status : Answered

Chosen Option : 1

Q.9  $\frac{0.16 \times 1.65}{0.075 \times 0.02^2} = ?$

- Ans
- 1. 7500
  - 2. 8800



3. 8400

4. 8000

Question ID : 6913521808

Option 1 ID : 6913527232

Option 2 ID : 6913527229

Option 3 ID : 6913527230

Option 4 ID : 6913527231

Status : Answered

Chosen Option : 2

Q.9  
6 Plant cell wall is made up of:

Ans  1. Chitin

2. Cellulose and pectin

3. Pectin only

4. Murein

Question ID : 6913521876

Option 1 ID : 6913527501

Option 2 ID : 6913527502

Option 3 ID : 6913527504

Option 4 ID : 6913527503

Status : Answered

Chosen Option : 2

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

Statement:

"Menaka has a beautiful house," said Ranjan to Lata.

Conclusions:

I. Ranjan is a civil contractor

II. Lata is fond of houses

Ans  1. Conclusion I alone follows

2. Neither I nor II follows

3. Both the conclusions follow

4. Conclusion II alone follows

Question ID : 6913521832

Option 1 ID : 6913527325

Option 2 ID : 6913527328

Option 3 ID : 6913527327

Option 4 ID : 6913527326

Status : Answered

Chosen Option : 4

Q.9  
8 The momentum of a body of mass 200g with kinetic energy of 10J is:

Ans  1. 3 kg m/s

2. 2 kg m/s

3. 5kg m/s

**X** 4. 0.33 kg m/s

Question ID : 6913521862

Option 1 ID : 6913527446

Option 2 ID : 6913527445

Option 3 ID : 6913527447

Option 4 ID : 6913527448

Status : Answered

Chosen Option : 2

**Q.9** n = number of times the wheel of a bus will rotate to cover a distance of 99 km. If the diameter of the wheel is 63 cm,  
9 then find the value of n.

**Ans** **X** 1. 45,000

**X** 2. 35,000

**X** 3. 40,000

**✓** 4. 50,000

Question ID : 6913521819

Option 1 ID : 6913527274

Option 2 ID : 6913527276

Option 3 ID : 6913527275

Option 4 ID : 6913527273

Status : Answered

Chosen Option : 4

**Q.1** Two men X and Y walk from P to Q a distance of 21km at 3 and 4 km an hour respectively. Y reaches Q returns  
00 immediately and meets X at R, the distance from P to R is

**Ans** **✓** 1. 18 km

**X** 2. 17 km

**X** 3. 16 km

**X** 4. 17.5km

Question ID : 6913521814

Option 1 ID : 6913527254

Option 2 ID : 6913527255

Option 3 ID : 6913527253

Option 4 ID : 6913527256

Status : Not Answered

Chosen Option : --



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