



RRB GROUP - D **SHIFT – 2 (19-09-2018)**

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# RAILWAY RECRUITMENT BOARDS

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## Level-1 Posts CEN-02/2018

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Test Date:	19/09/2018
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 To change a temperature from the Kelvin scale to the Celsius scale, you have to:

- Ans
- 1. multiply the given temperature by 273
  - 2. divide the given temperature by 273
  - 3. subtract 273 from the given temperature
  - 4. add 273 to the given temperature

Question ID : 691352869  
Option 1 ID : 6913523474  
Option 2 ID : 6913523475  
Option 3 ID : 6913523476  
Option 4 ID : 6913523473  
Status : Answered  
Chosen Option : 3

Q.2 The sum of the lengths of the edges of a cube is equal to three-fifths of the perimeter of a square. If the numerical value of the volume of the cube is equal to the numerical value of the area of the square, then the perimeter of the square is:

- Ans
- 1. 360 units
  - 2. 480 units
  - 3. 500 units
  - 4. 300 units

Question ID : 691352820  
Option 1 ID : 6913523278  
Option 2 ID : 6913523277  
Option 3 ID : 6913523280  
Option 4 ID : 6913523279  
Status : Answered  
Chosen Option : 3

Q.3

Read the statement below followed by two arguments.

Statement:

Should Yoga be made compulsory in schools?

Arguments:

- I. Yes, it would help in overall development of a child, both physically and mentally
- II. No, parents will not object to their children learning Yoga

Which argument(s) of the below is/are strong in the context of the statement?

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

Question ID : 691352846

Option 1 ID : 6913523384

Option 2 ID : 6913523383

Option 3 ID : 6913523381

Option 4 ID : 6913523382

Status : Answered

Chosen Option : 1

Q.4 Consider a planet whose mass and radius are one-third the mass and radius of the earth. If  $g$  is the value of acceleration due to gravity on the earth, then its value on the planet will be \_\_\_.

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

Question ID : 691352857

Option 1 ID : 6913523427

Option 2 ID : 6913523425

Option 3 ID : 6913523428

Option 4 ID : 6913523426

Status : Answered

Chosen Option : 4

Q.5 During the free fall of an object, which of the following energies increases at any point in its path?

- Ans
- 1. Mechanical energy
  - 2. Chemical energy
  - 3. Potential energy
  - 4. Kinetic energy

Question ID : 691352862

Option 1 ID : 6913523448

Option 2 ID : 6913523446

Option 3 ID : 6913523447

Option 4 ID : 6913523445

Status : Answered

Chosen Option : 4

Q.6

Uma arranges for a terrace party. She divides the total expected expenditure into 5 broad segments. Here is the distribution:

Expense segments	% Expense
1	30
2	20
3	10
4	25
5	15

If she spends ₹ 850 on segment 3, what will be her total expense on segment 2 and segment 5?

- Ans  1. ₹ 1795  
 2. ₹ 2975  
 3. ₹ 1175  
 4. ₹ 1275

Question ID : 691352845  
Option 1 ID : 6913523377  
Option 2 ID : 6913523378  
Option 3 ID : 6913523380  
Option 4 ID : 6913523379  
Status : Answered  
Chosen Option : 2

Q.7 In the last ten years, FDI inflows are highest in which sector of India?

- Ans  1. Services  
 2. Food processing  
 3. Telecommunications  
 4. Pesticides

Question ID : 691352900  
Option 1 ID : 6913523599  
Option 2 ID : 6913523600  
Option 3 ID : 6913523597  
Option 4 ID : 6913523598  
Status : Answered  
Chosen Option : 1

Q.8 Mahima started a journey 12 minutes late and as a result had to drive @54 km/hr instead of @ 45 km/hr to reach on time. Find the distance covered during the course of the journey.

- Ans  1. 67.5 km  
 2. 75 km  
 3. 90 km  
 4. 54 km

Question ID : 691352814  
Option 1 ID : 6913523254  
Option 2 ID : 6913523255  
Option 3 ID : 6913523256  
Option 4 ID : 6913523253  
Status : Answered  
Chosen Option : 4

Q.9  $0.\overline{047619}$ , when written as a vulgar fraction, is equal to

- Ans  1.  $\frac{1}{19}$

2.  $\frac{1}{23}$
3.  $\frac{1}{17}$
4.  $\frac{1}{21}$

Question ID : 691352808  
Option 1 ID : 6913523230  
Option 2 ID : 6913523232  
Option 3 ID : 6913523229  
Option 4 ID : 6913523231  
Status : Not Answered  
Chosen Option : --

Q.1  
0 Name the country which will host the 2019 Combined World Cup for shooting?

- Ans  1. Sri Lanka
2. Nepal
3. Pakistan
4. India

Question ID : 691352883  
Option 1 ID : 6913523529  
Option 2 ID : 6913523531  
Option 3 ID : 6913523530  
Option 4 ID : 6913523532  
Status : Answered  
Chosen Option : 4

Q.1 Consider the following question and statements and decide which of the statements is sufficient to answer the question.

1 What is the total weight of 10 cartons of Mangoes? Each of them weigh equal.

Statements:

1. One third of each boxes weight is 12 kg
2. Total weight of 6 boxes is 72 kg more than the total weight of 4 boxes

- Ans  1. Statement 1 and 2 are not sufficient
2. Statement 1 alone is sufficient
3. Statement 2 alone is sufficient
4. Either of the statements 1 or 2 is sufficient

Question ID : 691352850  
Option 1 ID : 6913523397  
Option 2 ID : 6913523398  
Option 3 ID : 6913523399  
Option 4 ID : 6913523400  
Status : Answered  
Chosen Option : 4

Q.1 Which assumptions are implied from the below statement

2

Statement: "The real impact of water crisis would be felt in 2 years," says the Panchayat chief.

Assumptions:

- I. The water level has started depleting
- II. Water bodies need maintenance

- Ans  1. Only assumption II is implicit
2. Both assumptions I and II are implicit

- 3. Only assumption I is implicit
- 4. Neither assumption I nor II is implicit

Question ID : 691352848  
Option 1 ID : 6913523390  
Option 2 ID : 6913523392  
Option 3 ID : 6913523389  
Option 4 ID : 6913523391  
Status : Answered  
Chosen Option : 2

Q.1  
3 The kinetic energy of the particles is maximum in the case of \_\_\_\_.

- Ans
- 1. liquids
  - 2. gases
  - 3. solids
  - 4. plasma

Question ID : 691352868  
Option 1 ID : 6913523470  
Option 2 ID : 6913523471  
Option 3 ID : 6913523469  
Option 4 ID : 6913523472  
Status : Answered  
Chosen Option : 3

Q.1  
4 Read the statements and conclusions below.

Statements:

- No cats are lions
- All lions are majestic animals

Conclusions:

1. All majestic animals are lions
2. Some majestic animals are lions
3. No majestic animal is cat

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

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

Question ID : 691352830  
Option 1 ID : 6913523319  
Option 2 ID : 6913523320  
Option 3 ID : 6913523318  
Option 4 ID : 6913523317  
Status : Answered  
Chosen Option : 4

Q.1

5 To push which initiative is the Govt. of India planning 'rent a roof' policy?

- Ans  1. To Promote Foreign Travelers and Students  
 2. To Promote Solar Power Generation  
 3. To Abolish Homelessness  
 4. To Promote Hospitality

Question ID : 691352892  
Option 1 ID : 6913523566  
Option 2 ID : 6913523568  
Option 3 ID : 6913523567  
Option 4 ID : 6913523565  
Status : Answered  
Chosen Option : 2

Q.1  
6 Who won the Golden Glove Award at the 2018 FIFA World Cup event?

- Ans  1. Rui Patricio  
 2. Hugo Lloris  
 3. Thibaut Courtois  
 4. Fernando Muslera

Question ID : 691352882  
Option 1 ID : 6913523525  
Option 2 ID : 6913523527  
Option 3 ID : 6913523528  
Option 4 ID : 6913523526  
Status : Answered  
Chosen Option : 3

Q.1  
7 From a cloth store, 15 customers bought orange dress, 15 bought red dress, 20 bought blue dress, 2 bought all the three colours and 8 bought at least two of these. How many bought at least one dress from the store?

- Ans 1. 25  
2. 39  
3. 40  
4. 45

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

Question ID : 691352855  
Option 1 ID : 6913523420  
Option 2 ID : 6913523417  
Option 3 ID : 6913523418  
Option 4 ID : 6913523419  
Status : Answered  
Chosen Option : 3

Q.1  
8 What is the lateral mirror image of LATE?

LATE	ETAL	ETAL	LATE
A	B	C	D

- Ans  1. A

- 2. D
- 3. B
- 4. C

Question ID : 691352834  
Option 1 ID : 6913523333  
Option 2 ID : 6913523336  
Option 3 ID : 6913523334  
Option 4 ID : 6913523335  
Status : Answered  
Chosen Option : 4

Q.1  
9 If the number  $x3208$  is divisible by 3, what can be the face value of  $x$ ?

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

Question ID : 691352805  
Option 1 ID : 6913523217  
Option 2 ID : 6913523218  
Option 3 ID : 6913523219  
Option 4 ID : 6913523220  
Status : Answered  
Chosen Option : 2

Q.2  
0 Which State Election Commission had decided in January 2017 to print voters list in Urdu as well?

- Ans
- 1. Bihar
  - 2. Himachal Pradesh
  - 3. Punjab
  - 4. Uttar Pradesh

Question ID : 691352886  
Option 1 ID : 6913523542  
Option 2 ID : 6913523543  
Option 3 ID : 6913523544  
Option 4 ID : 6913523541  
Status : Not Answered  
Chosen Option : --

Q.2  
1 Why does a stone thrown up into the sky fall back to the earth?

- Ans
- 1. Work done by the object pulls it down towards the Earth.

2.

There exists a centripetal force that pulls it down towards the Earth.

3.

There is a downward pressure that pulls it down towards the Earth.

- 4. There exists a force that pulls it down towards the Earth.

Question ID : 691352856  
Option 1 ID : 6913523423  
Option 2 ID : 6913523422  
Option 3 ID : 6913523421  
Option 4 ID : 6913523424



Status : Answered  
Chosen Option : 4

Q.2  
2 A car is moving with a high speed. Which energy does it possess?

- Ans
- 1. Potential energy
  - 2. Frictional force
  - 3. Gravitational force
  - 4. Kinetic energy

Question ID : 691352861  
Option 1 ID : 6913523443  
Option 2 ID : 6913523441  
Option 3 ID : 6913523442  
Option 4 ID : 6913523444  
Status : Answered  
Chosen Option : 4

Q.2  
3 When did the British make English the medium of instruction in India?

- Ans
- 1. 1835
  - 2. 1834
  - 3. 1836
  - 4. 1833

Question ID : 691352894  
Option 1 ID : 6913523576  
Option 2 ID : 6913523573  
Option 3 ID : 6913523575  
Option 4 ID : 6913523574  
Status : Answered  
Chosen Option : 4

Q.2  
4 Find the next term in the below series.3E, 9G, 27I, \_\_\_\_\_

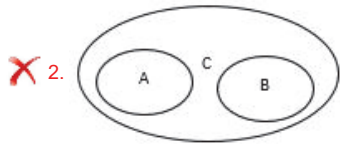
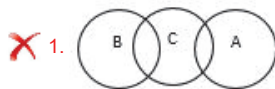
- Ans
- 1. 80K
  - 2. 81L
  - 3. 80L
  - 4. 81K

Question ID : 691352832  
Option 1 ID : 6913523325  
Option 2 ID : 6913523328  
Option 3 ID : 6913523327  
Option 4 ID : 6913523326  
Status : Answered  
Chosen Option : 4

Q.2  
5 Which of the following correctly represents the relationship between

- A) Woolen sweater
- B) Cotton
- C) Wool

Ans



Question ID : 691352849  
Option 1 ID : 6913523394  
Option 2 ID : 6913523396  
Option 3 ID : 6913523393  
Option 4 ID : 6913523395  
Status : Answered  
Chosen Option : 4

Q.2  
6 \_\_\_\_\_ is used as a fuel in cars with petrol.

- Ans
- ✓ 1. Ethanol
  - ✗ 2. Alcohol
  - ✗ 3. Benzene
  - ✗ 4. Butane

Question ID : 691352873  
Option 1 ID : 6913523490  
Option 2 ID : 6913523492  
Option 3 ID : 6913523491  
Option 4 ID : 6913523489  
Status : Answered  
Chosen Option : 1

Q.2  
7 Three identical resistors, each of  $6\ \Omega$ , are connected in parallel. The equivalent resistance of the combination will be \_\_\_\_\_.

- Ans
- ✗ 1.  $6\ \Omega$
  - ✗ 2.  $18\ \Omega$
  - ✓ 3.  $2\ \Omega$
  - ✗ 4.  $3\ \Omega$

Question ID : 691352865  
Option 1 ID : 6913523459  
Option 2 ID : 6913523460  
Option 3 ID : 6913523457  
Option 4 ID : 6913523458  
Status : Answered  
Chosen Option : 3

Q.2  
8 Solder is an alloy of \_\_\_\_\_.

- Ans
- ✗ 1. Cu and Sn
  - ✗ 2. Ni, Cu and Zn

3. Cu and Zn

4. Pb and Sn

Question ID : 691352872  
Option 1 ID : 6913523486  
Option 2 ID : 6913523488  
Option 3 ID : 6913523485  
Option 4 ID : 6913523487  
Status : Answered  
Chosen Option : 4

Q.2 9 Pratyay bought a set of cups for ₹ 195, but then had to sell it later to clear old stocks for ₹ 171.6. What is the percentage of loss that he had to bear?

- Ans
- 1. 12
  - 2. 14
  - 3. 13
  - 4. 15

Question ID : 691352810  
Option 1 ID : 6913523237  
Option 2 ID : 6913523239  
Option 3 ID : 6913523238  
Option 4 ID : 6913523240  
Status : Answered  
Chosen Option : 1

Q.3 0 A and B can complete a task together in 15 days, while A alone can complete it in 18.75 days. They start working together but A leaves 12.5 days before the completion of the work. For how many days did A and B work together?

- Ans
- 1. 10
  - 2. 13.75
  - 3. 12.5
  - 4. 11.25

Question ID : 691352815  
Option 1 ID : 6913523258  
Option 2 ID : 6913523257  
Option 3 ID : 6913523259  
Option 4 ID : 6913523260  
Status : Answered  
Chosen Option : 2

Q.3 1 Which of the fractions given below, when added to  $\frac{13}{5}$ , gives 1?

- Ans
- 1.  $-\frac{8}{15}$
  - 2.  $-\frac{7}{5}$
  - 3.  $-\frac{26}{10}$
  - 4.  $-\frac{48}{30}$

Question ID : 691352802  
Option 1 ID : 6913523206  
Option 2 ID : 6913523205  
Option 3 ID : 6913523208  
Option 4 ID : 6913523207  
Status : Answered  
Chosen Option : 4

Q.3  
2 When a ray of light travels from a denser medium to a rarer medium, the ray will:

- Ans
- 1. slow down and bend away from the normal
  - 2. slow down and bend towards the normal
  - 3. speed up and bend away from the normal
  - 4. speed up and bend towards the normal

Question ID : 691352864  
Option 1 ID : 6913523456  
Option 2 ID : 6913523455  
Option 3 ID : 6913523454  
Option 4 ID : 6913523453  
Status : Answered  
Chosen Option : 2

Q.3  
3 Who portrayed the character of Allauddin Khilji in the controversial movie 'Padmavat'?

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

Question ID : 691352881  
Option 1 ID : 6913523521  
Option 2 ID : 6913523523  
Option 3 ID : 6913523524  
Option 4 ID : 6913523522  
Status : Answered  
Chosen Option : 4

Q.3  
4 The elements present in any one group have the same \_\_\_\_.

- Ans
- 1. atomic size
  - 2. number of valence electrons
  - 3. atomic number
  - 4. atomic mass number

Question ID : 691352875  
Option 1 ID : 6913523500  
Option 2 ID : 6913523499  
Option 3 ID : 6913523497  
Option 4 ID : 6913523498  
Status : Answered  
Chosen Option : 2

Q.3  
5 The mean score of three students in a test out of 45 is 38. Two new students take the test. What is the lowest mark that can be obtained by the newcomer who scores less than the other new student for the overall average of the five students to rise to 40?

- Ans
- 1. 40
  - 2. 42
  - 3. 41
  - 4. 43

Question ID : 691352821  
Option 1 ID : 6913523281

Option 2 ID : 6913523283  
Option 3 ID : 6913523282  
Option 4 ID : 6913523284  
Status : Answered  
Chosen Option : 1

Q.3 The initial ratio of sugar and flour in recipe was 17: 28. With 27 kg of the recipe, Sunita added more flour to make the  
6 sugar to flour ratio 2: 5. How much flour did Sunita later add?

- Ans
- 1. 8.1 kg
  - 2. 8.5 kg
  - 3. 8.7 kg
  - 4. 8.3 kg

Question ID : 691352812  
Option 1 ID : 6913523245  
Option 2 ID : 6913523247  
Option 3 ID : 6913523248  
Option 4 ID : 6913523246  
Status : Answered  
Chosen Option : 3

Q.3 The LCM of 112, 72 and 90 is?  
7

- Ans
- 1. 7560
  - 2. 2520
  - 3. 5040
  - 4. 3780

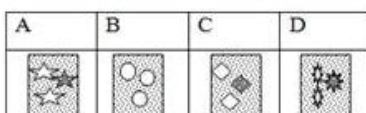
Question ID : 691352803  
Option 1 ID : 6913523211  
Option 2 ID : 6913523209  
Option 3 ID : 6913523210  
Option 4 ID : 6913523212  
Status : Answered  
Chosen Option : 3

Q.3 As the pH value increases from 7 to 14, it represents:  
8

- Ans
- 1. an increase in the  $\text{OH}^-$  ion concentration
  - 2. no change in the  $\text{H}^+$  ion concentration
  - 3. an increase in the  $\text{H}^+$  ion concentration
  - 4. a decrease in the  $\text{OH}^-$  ion concentration

Question ID : 691352871  
Option 1 ID : 6913523482  
Option 2 ID : 6913523484  
Option 3 ID : 6913523483  
Option 4 ID : 6913523481  
Status : Answered  
Chosen Option : 3

Q.3 Find the odd one out.  
9



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

Question ID : 691352841  
Option 1 ID : 6913523361  
Option 2 ID : 6913523362  
Option 3 ID : 6913523364  
Option 4 ID : 6913523363  
Status : Answered  
Chosen Option : 2

Q.4  
0 How many right angled triangles are there in this figure?



- Ans  1. 4  
 2. 6  
 3. 7  
 4. 8

Question ID : 691352837  
Option 1 ID : 6913523345  
Option 2 ID : 6913523347  
Option 3 ID : 6913523348  
Option 4 ID : 6913523346  
Status : Answered  
Chosen Option : 1

Q.4  
1 An object travels northwards with a constant velocity. The net force acting on the object will be \_\_\_.

- Ans  1. towards the south  
 2. towards the east  
 3. zero  
 4. towards the north

Question ID : 691352859  
Option 1 ID : 6913523434  
Option 2 ID : 6913523435  
Option 3 ID : 6913523436  
Option 4 ID : 6913523433  
Status : Answered  
Chosen Option : 3

Q.4  
2 Which of the below does not belong to this group?

- A. Broccoli  
B. Carrot  
C. Ridge gourd  
D. Bitter gourd

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

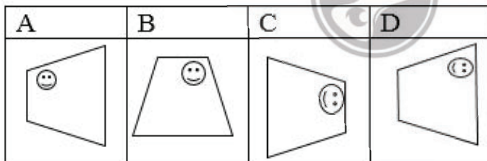
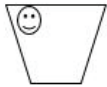
Question ID : 691352839  
 Option 1 ID : 6913523353  
 Option 2 ID : 6913523354  
 Option 3 ID : 6913523356  
 Option 4 ID : 6913523355  
 Status : Not Answered  
 Chosen Option : --

Q.4 An object travel 18 m in 4 s and then another 16 m in 2 s. What is the average speed of the object?  
 3

- Ans
- 1.  $5.67 \text{ s}^{-1}$
  - 2.  $6.67 \text{ ms}^{-1}$
  - 3. 5.67 m
  - 4.  $5.67 \text{ ms}^{-1}$

Question ID : 691352858  
 Option 1 ID : 6913523431  
 Option 2 ID : 6913523432  
 Option 3 ID : 6913523429  
 Option 4 ID : 6913523430  
 Status : Answered  
 Chosen Option : 4

Q.4 Which pattern, of the ones shown in the below options, resembles closest to:  
 4



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

Question ID : 691352842  
 Option 1 ID : 6913523368  
 Option 2 ID : 6913523366  
 Option 3 ID : 6913523365  
 Option 4 ID : 6913523367  
 Status : Answered  
 Chosen Option : 1

Q.4 Shoes are related to Legs in the same way Gloves are related to:  
 5

- Ans
- 1. Hands
  - 2. Wrists

- 3. Knees
- 4. Head

Question ID : 691352831  
Option 1 ID : 6913523322  
Option 2 ID : 6913523323  
Option 3 ID : 6913523324  
Option 4 ID : 6913523321  
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.

6

**Statements:**

- All dresses are clothes.
- All clothes are yarns.

**Conclusions:**

1. All dresses are yarns.
2. Some yarns are clothes.

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

Question ID : 691352853  
Option 1 ID : 6913523409  
Option 2 ID : 6913523411  
Option 3 ID : 6913523412  
Option 4 ID : 6913523410  
Status : Answered  
Chosen Option : 4

Q.4 What sport is Limba Ram known for?

7

- Ans  1. Boxing  
 2. Archery  
 3. Wrestling  
 4. Athletics

Question ID : 691352888  
Option 1 ID : 6913523551  
Option 2 ID : 6913523549  
Option 3 ID : 6913523552  
Option 4 ID : 6913523550  
Status : Answered  
Chosen Option : 4

Q.4 Which state government has recently set up toll-free helpline number '14417' to provide information to students?

8

- Ans  1. Rajasthan  
 2. Tamil nadu  
 3. Gujarat  
 4. Kerala



Question ID : 691352893  
Option 1 ID : 6913523569  
Option 2 ID : 6913523572  
Option 3 ID : 6913523570  
Option 4 ID : 6913523571  
Status : Answered  
Chosen Option : 1

Q.4  
9 A source of 6 V maintains a current of 0.5 A in a resistor. The power supplied by the source to the resistor will be \_\_\_\_.

- Ans
- 1. 0.5 W
  - 2. 3.0 W
  - 3. 1.0 W
  - 4. 1.5 W

Question ID : 691352866  
Option 1 ID : 6913523461  
Option 2 ID : 6913523464  
Option 3 ID : 6913523462  
Option 4 ID : 6913523463  
Status : Answered  
Chosen Option : 2

Q.5  
0 Maharashtra government launched the Asmita Yojana on the occasion of \_\_\_\_.

- Ans
- 1. International Cancer Day
  - 2. International Men's Day
  - 3. International Aids Day
  - 4. International Women's Day

Question ID : 691352887  
Option 1 ID : 6913523545  
Option 2 ID : 6913523548  
Option 3 ID : 6913523547  
Option 4 ID : 6913523546  
Status : Answered  
Chosen Option : 4

Q.5  
1 Tooth decay starts when the pH of the mouth is:

- Ans
- 1. in the range 5.5 - 6.5
  - 2. less than 5.5
  - 3. is in the range of 8 - 9
  - 4. is in the range of 6.5-7.5

Question ID : 691352870  
Option 1 ID : 6913523477  
Option 2 ID : 6913523478  
Option 3 ID : 6913523480  
Option 4 ID : 6913523479  
Status : Answered  
Chosen Option : 2

Q.5  
2 Find the next term in the below series.

25, 31, 38, 46, \_\_\_\_\_.

- Ans  1. 58  
 2. 55  
 3. 54  
 4. 60

Question ID : 691352835  
 Option 1 ID : 6913523337  
 Option 2 ID : 6913523339  
 Option 3 ID : 6913523340  
 Option 4 ID : 6913523338  
 Status : Answered  
 Chosen Option : 2

Q.5  
3 The transmission of traits, physical or mental, from parents to offspring is called \_\_\_\_.

- Ans  1. progeny  
 2. heredity  
 3. evolution  
 4. variation

Question ID : 691352880  
 Option 1 ID : 6913523520  
 Option 2 ID : 6913523517  
 Option 3 ID : 6913523518  
 Option 4 ID : 6913523519  
 Status : Answered  
 Chosen Option : 2

Q.5  
4 What will come in the place of question mark in the below series?

C < R	R < C	C < R	?
-------	-------	-------	---

A	B	C	D
C > R	R > C	R < C	R < C

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

Question ID : 691352838  
 Option 1 ID : 6913523351  
 Option 2 ID : 6913523349  
 Option 3 ID : 6913523352  
 Option 4 ID : 6913523350  
 Status : Answered  
 Chosen Option : 1

Q.5  
5 Which tissue helps in the transportation of the material away from the photosynthetic parts of the plants?

- Ans  1. Xylem vessels  
 2. Meristematic tissue  
 3. Phloem

4. Ground tissue

Question ID : 691352877  
Option 1 ID : 6913523505  
Option 2 ID : 6913523506  
Option 3 ID : 6913523507  
Option 4 ID : 6913523508  
Status : Answered  
Chosen Option : 3

Q.5 Puni is the daughter of Avani and Amit is the son of Avani's brother. How is Amit's father related to Puni?  
6

- Ans  1. Brother  
 2. Father  
 3. Cousin  
 4. Maternal uncle

Question ID : 691352828  
Option 1 ID : 6913523310  
Option 2 ID : 6913523312  
Option 3 ID : 6913523309  
Option 4 ID : 6913523311  
Status : Answered  
Chosen Option : 4

Q.5 The third Indian Council for Cultural Relations (ICCR) Distinguished Indologist Award for the year 2017 was awarded  
7 to \_\_\_\_\_.

- Ans  1. Kamil Zvelebil  
 2. Professor Hiroshi Marui  
 3. Bettina Baumer  
 4. Madeleine Biardeau

Question ID : 691352890  
Option 1 ID : 6913523557  
Option 2 ID : 6913523559  
Option 3 ID : 6913523560  
Option 4 ID : 6913523558  
Status : Not Answered  
Chosen Option : --

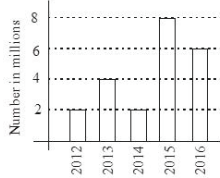
Q.5 Who launched the Pulse Polio programme for 2018?  
8

- Ans  1. Ram Nath Kovind  
 2. Narendra Modi  
 3. Venkaiah Naidu  
 4. Ahmed Ansari

Question ID : 691352885  
Option 1 ID : 6913523537  
Option 2 ID : 6913523538  
Option 3 ID : 6913523539  
Option 4 ID : 6913523540  
Status : Answered  
Chosen Option : 3

Q.5  
9

The given data below shows information about manufacturing of engine vehicles for a company "ABC" over the last 5 years.



In which year was the production of engines the highest?

- Ans
- 1. 2016
  - 2. 2015
  - 3. 2014
  - 4. 2012

Question ID : 691352826  
Option 1 ID : 6913523304  
Option 2 ID : 6913523303  
Option 3 ID : 6913523302  
Option 4 ID : 6913523301  
Status : Answered  
Chosen Option : 2

Q.6 Which of the following is the chief banker to the Government of India?

- Ans
- 1. Punjab National Bank
  - 2. State Bank of India
  - 3. Reserve Bank of India
  - 4. Bank of India

Question ID : 691352899  
Option 1 ID : 6913523594  
Option 2 ID : 6913523593  
Option 3 ID : 6913523595  
Option 4 ID : 6913523596  
Status : Answered  
Chosen Option : 3

Q.6 Consider the given statements and decide which of the conclusions logically follow from the statements.

1

Statement:

- All laptops are electronics.
- All electronics emit radiation.

Conclusions:

1. All laptops emit radiation.
2. Some radiation is due to electronics.

- Ans
- 1. None of the conclusions follow
  - 2. Only conclusion 2 follows
  - 3. All the conclusions follow
  - 4. Only conclusion 1 follows

Question ID : 691352852  
Option 1 ID : 6913523408  
Option 2 ID : 6913523405  
Option 3 ID : 6913523406  
Option 4 ID : 6913523407  
Status : Answered  
Chosen Option : 3

Q.6 One pipe can fill an empty cistern in 7.8 hours while another can drain the cistern when full in 19.5 hours. Both the pipes were turned on when the cistern was half-empty. How long will it take for the cistern to be full?

- Ans
- 1. 3.9 hours
  - 2. 7.8 hours
  - 3. 6.5 hours
  - 4. 5.2 hours

Question ID : 691352818  
Option 1 ID : 6913523269  
Option 2 ID : 6913523272  
Option 3 ID : 6913523271  
Option 4 ID : 6913523270  
Status : Answered  
Chosen Option : 3

Q.6 17 trainees can do as much work as 4 experts can do in a day. It takes 12 experts and 9 trainees 5 days to dig a pond.  
3 How many trainees will one need alongside 4 experts to dig a similar pool in 15 days?

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

Question ID : 691352813  
Option 1 ID : 6913523249  
Option 2 ID : 6913523251  
Option 3 ID : 6913523250  
Option 4 ID : 6913523252  
Status : Answered  
Chosen Option : 1

Q.6 Indicate the wrong pair among the following:  
4

- Ans
- 1. Khetri – Iron
  - 2. Kashmir – Saffron
  - 3. Moradabad - Brass
  - 4. Surat – Diamonds

Question ID : 691352897  
Option 1 ID : 6913523587  
Option 2 ID : 6913523585  
Option 3 ID : 6913523586  
Option 4 ID : 6913523588  
Status : Not Answered  
Chosen Option : --

Q.6 The boundary line between India and China is called \_\_\_\_  
5

- Ans
- 1. Radcliffe Line
  - 2. Line of Control
  - 3. Palk Strait
  - 4. McMahon line

Question ID : 691352896  
Option 1 ID : 6913523581  
Option 2 ID : 6913523584  
Option 3 ID : 6913523583

Q.6  
6 Who is the author of the book "Jinnah Often Came to Our House"?

- Ans  1. Kiran Doshi  
 2. Sunita Narain  
 3. Dinanath Gopal Tendulkar  
 4. Sowvendra Shekhar

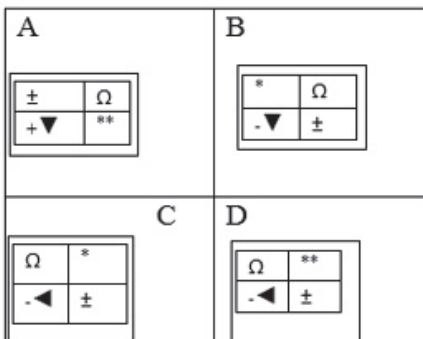
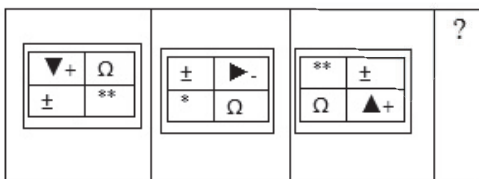
Question ID : 691352889  
 Option 1 ID : 6913523554  
 Option 2 ID : 6913523553  
 Option 3 ID : 6913523555  
 Option 4 ID : 6913523556  
 Status : Not Answered  
 Chosen Option : --

Q.6  
7 Who was conferred with the 2018 Padma Shri award in the field of Art-Acting from Maharashtra?

- Ans  1. SS Rathore  
 2. Lakshmi Kutty  
 3. Manoj Joshi  
 4. Subhashini Mistry

Question ID : 691352884  
 Option 1 ID : 6913523535  
 Option 2 ID : 6913523534  
 Option 3 ID : 6913523533  
 Option 4 ID : 6913523536  
 Status : Not Answered  
 Chosen Option : --

Q.6  
8 Which figure follows next in the below series?



- Ans  1. B  
 2. A

3. D  
 4. C

Question ID : 691352840  
Option 1 ID : 6913523359  
Option 2 ID : 6913523358  
Option 3 ID : 6913523360  
Option 4 ID : 6913523357  
Status : Answered  
Chosen Option : 3

Q.6  
9 The seed of a plant contains the future plant in the form of a/an \_\_\_\_.

- Ans  1. embryo  
 2. ovule  
 3. stigma  
 4. ovary

Question ID : 691352879  
Option 1 ID : 6913523515  
Option 2 ID : 6913523514  
Option 3 ID : 6913523516  
Option 4 ID : 6913523513  
Status : Answered  
Chosen Option : 1

Q.7  
0 Shiva switched on a bulb at 1:37:39 hours and switched it off on the same day at 11:28:32 hours. For how long was the bulb in switched-on mode?

- Ans  1. 10 hours 09 mins 54 secs  
 2. 9 hours 09 mins 06 secs  
 3. 9 hours 50 mins 53 secs  
 4. 12 hours 40 mins 07 secs

Question ID : 691352817  
Option 1 ID : 6913523266  
Option 2 ID : 6913523268  
Option 3 ID : 6913523267  
Option 4 ID : 6913523265  
Status : Answered  
Chosen Option : 3

Q.7  
1 What is the square root of 11881?

- Ans  1. 111  
 2. 109  
 3. 119  
 4. 101

Question ID : 691352804  
Option 1 ID : 6913523215  
Option 2 ID : 6913523213  
Option 3 ID : 6913523216  
Option 4 ID : 6913523214  
Status : Answered  
Chosen Option : 2

Q.7  
2

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

**Statement:**

“Monkey is the funniest of all animals, as they mimic human behaviour”, says Z to A.

**Conclusions:**

- I. Z is amazed at monkeys' behaviour.
- II. A likes monkeys.

- Ans  1. Conclusion I alone follows.  
 2. Neither conclusion I nor II follows.  
 3. Both the conclusions follow.  
 4. Conclusion II alone follows.

Question ID : 691352827  
Option 1 ID : 6913523305  
Option 2 ID : 6913523308  
Option 3 ID : 6913523307  
Option 4 ID : 6913523306  
Status : Answered  
Chosen Option : 1

Q.7 If, in a code language, LIQUID is written as PMUYMH, then how SPACE would be written in that code language?  
3

- Ans  1. WTBGI  
 2. WEIGH  
 3. TEGIW  
 4. WTEGI

Question ID : 691352829  
Option 1 ID : 6913523313  
Option 2 ID : 6913523316  
Option 3 ID : 6913523315  
Option 4 ID : 6913523314  
Status : Answered  
Chosen Option : 4

Q.7 In a test Chitra secured 58.5 marks that was also equivalent to obtaining 78% marks. How many marks was the test out of?  
4

- Ans  1. 85  
 2. 65  
 3. 80  
 4. 75

Question ID : 691352809  
Option 1 ID : 6913523236  
Option 2 ID : 6913523234  
Option 3 ID : 6913523233  
Option 4 ID : 6913523235  
Status : Answered  
Chosen Option : 4

Q.7 Which of the following scientists suggested a mechanism for organic evolution in his book “Origin of Species”.  
5

- Ans  1. Carl Woese  
 2. Ernst Haeckel



3. Robbert Whittaker

4. Charles Darwin

Question ID : 691352876  
Option 1 ID : 6913523503  
Option 2 ID : 6913523501  
Option 3 ID : 6913523502  
Option 4 ID : 6913523504  
Status : Answered  
Chosen Option : 4

Q.7  
6 \_\_\_\_\_ was the founder of the City of Agra.

Ans  1. Sikandar Lodi

2. Abraham Lodi

3. Mumtaz Mahal

4. Shah Jahan

Question ID : 691352895  
Option 1 ID : 6913523577  
Option 2 ID : 6913523580  
Option 3 ID : 6913523578  
Option 4 ID : 6913523579  
Status : Answered  
Chosen Option : 1

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

7

**Statement:**

"Mobile phones are addictive", Y said to Z.

**Assumptions:**

I. Mobile phones have many attractive features and games.

II. People spend more time with their mobile phones.

Ans  1. Only II is implicit.

2. Neither I nor II is implicit.

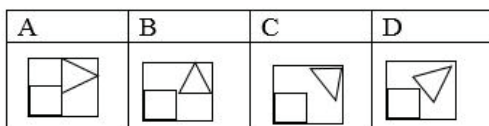
3. Both I and II are implicit.

4. Only I is implicit.

Question ID : 691352854  
Option 1 ID : 6913523414  
Option 2 ID : 6913523415  
Option 3 ID : 6913523416  
Option 4 ID : 6913523413  
Status : Answered  
Chosen Option : 3

Q.7 Which pattern, of the ones shown in the below options, resembles closest to:

8



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

Question ID : 691352843  
Option 1 ID : 6913523372  
Option 2 ID : 6913523370  
Option 3 ID : 6913523371  
Option 4 ID : 6913523369  
Status : Answered  
Chosen Option : 4

Q.7 The product of two numbers is 0.646 and one of the numbers is 1.7. What is the other number?

9

- Ans  1. 0.38  
 2. 0.038  
 3. 3.8  
 4. 38

Question ID : 691352801  
Option 1 ID : 6913523202  
Option 2 ID : 6913523204  
Option 3 ID : 6913523201  
Option 4 ID : 6913523203  
Status : Answered  
Chosen Option : 1

Q.8 Read the statement below along with two conclusions.

0

Statement: Naina looks at Sunita and compliments her on her looks.

Conclusions:

- I. Sunita is more beautiful than Naina  
II. Naina is impressed by Sunita's dressing sense

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

- Ans  1. Conclusion I alone follows  
 2. Neither I nor II follows  
 3. Both the conclusions follow  
 4. Conclusion II alone follows

Question ID : 691352847  
Option 1 ID : 6913523385  
Option 2 ID : 6913523388  
Option 3 ID : 6913523387  
Option 4 ID : 6913523386  
Status : Answered  
Chosen Option : 4

Q.8 In July 2018, which country was formally announced as the 69<sup>th</sup> shareholder of the European Bank for Reconstruction and Development (EBRD)?

1

- Ans  1. India  
 2. Pakistan

✗ 3. Sri Lanka

✗ 4. Germany

Question ID : 691352898  
Option 1 ID : 6913523591  
Option 2 ID : 6913523589  
Option 3 ID : 6913523592  
Option 4 ID : 6913523590  
Status : Answered  
Chosen Option : 1

Q.8 The mean of three numbers is 21. The range of this data set is 19 while the difference between the two smallest numbers is 5. The greatest of the three numbers is

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

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

Question ID : 691352822  
Option 1 ID : 6913523286  
Option 2 ID : 6913523287  
Option 3 ID : 6913523288  
Option 4 ID : 6913523285  
Status : Answered  
Chosen Option : 3

Q.8 An object is placed in front of a concave mirror at a point between its centre of curvature and focus. The image will be formed at:

- Ans ✗ 1. a point between the focus and the centre of curvature  
✗ 2. the centre of curvature  
✓ 3. a point beyond the centre of curvature  
✗ 4. the focus

Question ID : 691352863  
Option 1 ID : 6913523451  
Option 2 ID : 6913523450  
Option 3 ID : 6913523452  
Option 4 ID : 6913523449  
Status : Answered  
Chosen Option : 4

Q.8 నా ప్రస్తుత వయస్సులో మూడింట ఏడవ వంతు నా కజిన్ వయస్సులో నాలుగింట ఐదు వంతులకు సమానం. నా మూడు సంవత్సరాల ముందు వయస్సు నా కజిన్ వయస్సు పది సంవత్సరాల ముందు వయస్సుంతి ఉన్నది. నా ప్రస్తుత వయస్సు \_\_\_\_\_ సంవత్సరాలు.

- Ans ✗ 1. 21  
✗ 2. 42  
✓ 3. 28  
✗ 4. 35

Question ID : 691352819  
Option 1 ID : 6913523273  
Option 2 ID : 6913523276  
Option 3 ID : 6913523274  
Option 4 ID : 6913523275  
Status : Answered

Q.8  
5 Which of the following does NOT belong to this group?

- A. Mauve
- B. Purple
- C. Green
- D. Pole

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

Question ID : 691352851  
 Option 1 ID : 6913523404  
 Option 2 ID : 6913523402  
 Option 3 ID : 6913523403  
 Option 4 ID : 6913523401  
 Status : Answered  
 Chosen Option : 1

Q.8  
6 Which period of the modern periodic table has the minimum number of shells?

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

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

Question ID : 691352874  
 Option 1 ID : 6913523496  
 Option 2 ID : 6913523495  
 Option 3 ID : 6913523493  
 Option 4 ID : 6913523494  
 Status : Answered  
 Chosen Option : 1

Q.8  
7 Which of the following classification of elements is based on atomic numbers?

- Ans  1. Dobereiner's Triads  
 2. Modern periodic table  
 3. Newland's Octaves  
 4. Mendeleev's periodic table

Question ID : 691352867  
 Option 1 ID : 6913523465  
 Option 2 ID : 6913523468  
 Option 3 ID : 6913523466  
 Option 4 ID : 6913523467  
 Status : Answered  
 Chosen Option : 1

Q.8  
8 If  $2x^2 + ax + b$ , when divided by  $x - 3$ , leaves a remainder of 31 and  $x^2 + bx + a$ , when divided by  $x - 3$ , leaves a remainder of 24, then  $a + b$  equals

- Ans  1. 7  
 2. -7  
 3. 23  
 4. -23

Question ID : 691352825  
Option 1 ID : 6913523298  
Option 2 ID : 6913523297  
Option 3 ID : 6913523299  
Option 4 ID : 6913523300  
Status : Not Answered  
Chosen Option : --

Q.8 Pavan sold an item at a loss of 12.5%. If he could have sold it for ₹ 56 more, he would have made a profit of 22.5%.  
9 What should be the selling price of the item to make a profit of 25%?

- Ans  1. ₹ 200  
 2. ₹ 185  
 3. ₹ 182  
 4. ₹ 190

Question ID : 691352811  
Option 1 ID : 6913523243  
Option 2 ID : 6913523242  
Option 3 ID : 6913523244  
Option 4 ID : 6913523241  
Status : Answered  
Chosen Option : 1

Q.9 Nanu and Ninu start cycling early in the morning in the opposite direction to each other. Nanu goes in the direction of Sun. After sometime, Nanu takes a left turn and Ninu takes a right turn. They are now travelling parallel to each other. Towards which direction are they moving?

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

Question ID : 691352833  
Option 1 ID : 6913523330  
Option 2 ID : 6913523331  
Option 3 ID : 6913523332  
Option 4 ID : 6913523329  
Status : Answered  
Chosen Option : 3

Q.9 Two objects A and B are moving with the same velocity. The mass of object A is twice that of B. The ratio of the kinetic energy of A to that of B, ( $K_A/K_B$ ) will be \_\_\_\_.

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

Question ID : 691352860  
Option 1 ID : 6913523440  
Option 2 ID : 6913523439  
Option 3 ID : 6913523438  
Option 4 ID : 6913523437  
Status : Answered

Chosen Option : 2

Q.9  
2  $140 \div [61 - \{36 - (40 - 60 \div 12 \times 6)\}] = ?$

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

Question ID : 691352807  
Option 1 ID : 6913523225  
Option 2 ID : 6913523227  
Option 3 ID : 6913523226  
Option 4 ID : 6913523228  
Status : Answered  
Chosen Option : 3

Q.9  
3 Goitre is caused due to the deficiency of \_\_\_\_.

- Ans
- 1. iodine
  - 2. iron
  - 3. sodium
  - 4. calcium

Question ID : 691352878  
Option 1 ID : 6913523510  
Option 2 ID : 6913523511  
Option 3 ID : 6913523512  
Option 4 ID : 6913523509  
Status : Answered  
Chosen Option : 1

Q.9  
4 The number of diagonals in a 27-sided polygon is

- Ans
- 1. 325
  - 2. 320
  - 3. 322
  - 4. 324

Question ID : 691352823  
Option 1 ID : 6913523292  
Option 2 ID : 6913523290  
Option 3 ID : 6913523289  
Option 4 ID : 6913523291  
Status : Answered  
Chosen Option : 1

Q.9  
5 The time duration that would elapse between 12:46 p.m. of 15<sup>th</sup> July 2019 and 12:38 p.m. of 16<sup>th</sup> July 2020 is

- Ans
- 1. 367 days 8 mins
  - 2. 366 days 8 mins
  - 3. 366 days 23 hours 52 mins
  - 4. 365 days 23 hours 52 mins

Question ID : 691352816  
Option 1 ID : 6913523264

Option 2 ID : 6913523261  
Option 3 ID : 6913523262  
Option 4 ID : 6913523263  
Status : Answered  
Chosen Option : 4

Q.9  
6 Which of the following Indian State Political parties is led by Omar Abdullah?

- Ans
- 1. Jammu & Kashmir State Conference
  - 2. Jammu & Kashmir National Panthers Party
  - 3. Jammu & Kashmir National Conference
  - 4. Jammu and Kashmir People's Democratic Party

Question ID : 691352891  
Option 1 ID : 6913523561  
Option 2 ID : 6913523563  
Option 3 ID : 6913523564  
Option 4 ID : 6913523562  
Status : Answered  
Chosen Option : 3

Q.9  
7  $77 \div [46 - \{66 - (52 - 63 \div 9 \times 3)\}] = ?$

- Ans
- 1. 5
  - 2. 6
  - 3. 11
  - 4. 7

Question ID : 691352806  
Option 1 ID : 6913523222  
Option 2 ID : 6913523223  
Option 3 ID : 6913523221  
Option 4 ID : 6913523224  
Status : Answered  
Chosen Option : 4

Q.9  
8 What is the next term in the below series?

3T, 3A, 6S, 6B, 12R, 12C, ?

- Ans
- 1. 24T
  - 2. 24Q
  - 3. 24S
  - 4. 24U

Question ID : 691352836  
Option 1 ID : 6913523343  
Option 2 ID : 6913523341  
Option 3 ID : 6913523342  
Option 4 ID : 6913523344  
Status : Answered  
Chosen Option : 2

Q.9  
9

A company's expenditure heads are given as follows (all figures are in lakhs of rupees)

Year	Salary	Bonus	Taxes	Interest on loans
Year1	200	10	70	20
Year2	200	10	70	22
Year3	450	10	120	20

Total expenditure of Year 1 was approximately what percent of total expenditure of Year 3?

- Ans  1. 50%  
 2. 5%  
 3. 100%  
 4. 0.5%

Question ID : 691352844  
Option 1 ID : 6913523376  
Option 2 ID : 6913523375  
Option 3 ID : 6913523374  
Option 4 ID : 6913523373  
Status : Answered  
Chosen Option : 1

Q.1  
00 If  $\sec \theta + \tan \theta = 12.5$ , then  $\sec \theta - \tan \theta = ?$

- Ans  1. 0.4  
 2. 1  
 3. 0.8  
 4. 0.08

Question ID : 691352824  
Option 1 ID : 6913523296  
Option 2 ID : 6913523293  
Option 3 ID : 6913523294  
Option 4 ID : 6913523295  
Status : Answered  
Chosen Option : 4

