



RRB GROUP - D **SHIFT – 1 (06-12-2018)**

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# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

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

Participant ID:	
Participants Name:	
Test Center Name:	Sanaka Educational Trust Group of Institutions
Test Date:	06/12/2018
Test Time:	9:00 AM - 10:30 AM
Subject:	Level 1

- Options shown in green color with a tick icon are correct
- Chosen option on top right of the question indicates the option selected by the candidate
- The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Q.1 6 years ago, a mother's age was 6 times her daughter's age. Three years hence the daughter would be one-third her mother's age. The current age (in years) of the mother is:

- Ans
- 1. 45
  - 2. 39
  - 3. 36
  - 4. 42

Question ID : 6789137418  
Option 1 ID : 67891329672  
Option 2 ID : 67891329670  
Option 3 ID : 67891329669  
Option 4 ID : 67891329671

Status : Answered  
Chosen Option : 4

Q.2 A product reaches a buyer from the farmer through 3 middlemen with the intermediate profits of 10%, 20% and 30%, respectively. Finally, the seller keeps a profit of 15%. If the farmer has sold the product at ₹ X, then how much more percent did the buyer pay for it?

- Ans
- 1. 100.97%
  - 2. 93.35%
  - 3. 97.34%
  - 4. 86.56%

Question ID : 6789137410  
Option 1 ID : 67891329637  
Option 2 ID : 67891329638  
Option 3 ID : 67891329639  
Option 4 ID : 67891329640

Status : Answered  
Chosen Option : 3

Q.3 Elements in the Modern Periodic Table are arranged in \_\_\_\_\_ periods.

- Ans  1. 6

- 2. 8
- 3. 5
- 4. 7

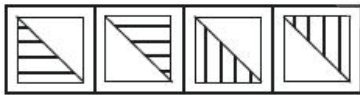
Question ID : 6789137475  
Option 1 ID : 67891329897  
Option 2 ID : 67891329900  
Option 3 ID : 67891329899  
Option 4 ID : 67891329898  
Status : Answered  
Chosen Option : 4

Q.4 Plants that have lost their capacity to produce seeds reproduce by the method of:

- Ans
- 1. Fission
  - 2. Vegetative propagation
  - 3. Multiple fission
  - 4. Budding

Question ID : 6789137479  
Option 1 ID : 67891329913  
Option 2 ID : 67891329916  
Option 3 ID : 67891329914  
Option 4 ID : 67891329915  
Status : Answered  
Chosen Option : 2

Q.5 Choose the option that closely resembles the mirror image of the given figure.



a      b      c      d

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

Question ID : 6789137448  
Option 1 ID : 67891329789  
Option 2 ID : 67891329792  
Option 3 ID : 67891329791  
Option 4 ID : 67891329790  
Status : Answered  
Chosen Option : 4

Q.6

What are the organisms that eat other organisms called?

- Ans
- 1. Holotrophic organisms
  - 2. Parasitic organisms
  - 3. Chemotrophic organisms
  - 4. Saprotrophic organisms

Question ID : 6789137480  
Option 1 ID : 67891329918  
Option 2 ID : 67891329919  
Option 3 ID : 67891329917  
Option 4 ID : 67891329920  
Status : Answered  
Chosen Option : 4

Q.7 Muscle contains special proteins called \_\_\_\_\_.

- Ans
- 1. lipoproteins
  - 2. contractile proteins
  - 3. glycol-proteins
  - 4. nucleoproteins

Question ID : 6789137476  
Option 1 ID : 67891329904  
Option 2 ID : 67891329903  
Option 3 ID : 67891329902  
Option 4 ID : 67891329901  
Status : Answered  
Chosen Option : 2

Q.8 Heating of ores in the absence of oxygen is called:

- Ans
- 1. Extraction
  - 2. Calcination
  - 3. Roasting
  - 4. Corrosion

Question ID : 6789137472  
Option 1 ID : 67891329888  
Option 2 ID : 67891329885  
Option 3 ID : 67891329886  
Option 4 ID : 67891329887  
Status : Answered  
Chosen Option : 1

Q.9 Who inaugurated the first edition of Khelo India School Games (KISG) that was held from 31<sup>st</sup> January to 8<sup>th</sup> February 2018 at Indira Gandhi Indoor Stadium?

- Ans
- 1. The Chief Minister of Delhi
  - 2. The Prime Minister of India
  - 3. The Sports Minister

**4. The Home Minister**

Question ID : 6789137483

Option 1 ID : 67891329930

Option 2 ID : 67891329929

Option 3 ID : 67891329931

Option 4 ID : 67891329932

Status : Answered

Chosen Option : 2

Q.1 The resistors of values  $3\ \Omega$ ,  $6\ \Omega$  and  $15\ \Omega$  are connected in parallel. What will be equivalent resistance in the circuit?  
0

Ans  1. 0.8

2. 1.4

3. 2.1

4. 1.7

Question ID : 6789137466

Option 1 ID : 67891329862

Option 2 ID : 67891329861

Option 3 ID : 67891329863

Option 4 ID : 67891329864

Status : Answered

Chosen Option : 2

Q.1 The total quantity of motion contained in the same body is called \_\_\_\_\_.  
1

Ans  1. pressure

2. force

3. momentum

4. inertia

Question ID : 6789137458

Option 1 ID : 67891329831

Option 2 ID : 67891329830

Option 3 ID : 67891329832

Option 4 ID : 67891329829

Status : Answered

Chosen Option : 3

Q.1 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).  
2

**Statement:**

All vitamins are proteins. All proteins are fruits.

**Conclusions:**

1. Some vitamins are not fruits

2. Some fruits are vitamins

Ans  1. Either (1) or (2) follow

2. Only (1) follows

3. Both (1) & (2) follow

4. Only (2) follows

Question ID : 6789137431  
Option 1 ID : 67891329723  
Option 2 ID : 67891329721  
Option 3 ID : 67891329724  
Option 4 ID : 67891329722  
Status : Answered  
Chosen Option : 4

Q.1  
3 The momentum of an object is  $50 \text{ kg ms}^{-1}$  and its mass is 10 kg. What is the velocity of the object?

- Ans
- 1.  $5 \text{ ms}^{-2}$
  - 2.  $0.5 \text{ ms}^{-2}$
  - 3.  $0.5 \text{ ms}^2$
  - 4.  $5 \text{ ms}^{-1}$

Question ID : 6789137459  
Option 1 ID : 67891329836  
Option 2 ID : 67891329833  
Option 3 ID : 67891329834  
Option 4 ID : 67891329835  
Status : Answered  
Chosen Option : 4

Q.1  
4 The book 'My Music, My Life' is the autobiography of:

- Ans
- 1. Anushka Shankar
  - 2. Ravi Shankar
  - 3. Zakir Hussein
  - 4. Shankar Mahadevan

Question ID : 6789137486  
Option 1 ID : 67891329943  
Option 2 ID : 67891329942  
Option 3 ID : 67891329941  
Option 4 ID : 67891329944  
Status : Not Answered  
Chosen Option : --

Q.1  
5 Using the given information, answer the question that follows.

Six friends are sitting around a circular table.

1. Soham is sitting adjacent to Nachiket.
2. Tushar is sitting opposite Pranav.
3. Swapnil is sitting equidistant to Soham and Pranav.

Who is sitting opposite Aniket?

- Ans
- 1. Nachiket
  - 2. Soham
  - 3. Pranav
  - 4. Swapnil



Question ID : 6789137449

Option 1 ID : 67891329794

Option 2 ID : 67891329795

Option 3 ID : 67891329796

Option 4 ID : 67891329793

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.1  
6 Which state of India is the leading producer of coarse cereals?

- Ans
- 1. Karnataka
  - 2. Kerala
  - 3. Tamilnadu
  - 4. West Bengal

Question ID : 6789137499

Option 1 ID : 67891329993

Option 2 ID : 67891329994

Option 3 ID : 67891329995

Option 4 ID : 67891329996

Status : **Not Answered**

Chosen Option : --

Q.1  
7 A 173 m long train crosses a 727 m long bridge in 40.5 seconds. What is the speed of the train?

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

Question ID : 6789137415

Option 1 ID : 67891329660

Option 2 ID : 67891329659

Option 3 ID : 67891329658

Option 4 ID : 67891329657

Status : **Answered**

Chosen Option : 3

Q.1  
8 \_\_\_\_\_ is the leading coffee producer state in India.

- Ans
- 1. Karnataka
  - 2. Maharashtra
  - 3. Telengana
  - 4. Gujarat

Question ID : 6789137497

Option 1 ID : 67891329986

Option 2 ID : 67891329987

Option 3 ID : 67891329988

Option 4 ID : 67891329985

Status : **Answered**

Chosen Option : 1

Q.1 The potential energy (P.E.) of a body at a certain height is 200 J. The kinetic energy possessed by it when it just touches the surface of the earth is:

- Ans
- 1. zero
  - 2. = P.E.
  - 3. < P.E.
  - 4. > P.E.

Question ID : 6789137462

Option 1 ID : 67891329846

Option 2 ID : 67891329845

Option 3 ID : 67891329847

Option 4 ID : 67891329848

Status : Answered

Chosen Option : 1

Q.2 The spinal cord originates from:

- Ans
- 1. Cerebellum
  - 2. Medulla
  - 3. Pons
  - 4. Cerebrum

Question ID : 6789137478

Option 1 ID : 67891329909

Option 2 ID : 67891329911

Option 3 ID : 67891329912

Option 4 ID : 67891329910

Status : Not Answered

Chosen Option : --

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

Statement:

Increased use of medicines puts down the innate healing sense of the body.

Conclusions:

- I. There is an innate healing sense in the body.
- II. Nowadays, we depend more on external medicine and do not allow the body to repair itself on its own.

- Ans
- 1. Neither conclusion follows.
  - 2. Both the conclusions follow.
  - 3. Only conclusion I follows.
  - 4. Only conclusion II follows.

Question ID : 6789137435

Option 1 ID : 67891329739

Option 2 ID : 67891329740

Option 3 ID : 67891329737

Option 4 ID : 67891329738

Status : Answered

Chosen Option : 2

Q.2 The Swadesh Darshan Scheme is an initiative of which Ministry?



- Ans
- 1. Finance
  - 2. HRD
  - 3. Tourism
  - 4. Defence

Question ID : 6789137498  
Option 1 ID : 67891329989  
Option 2 ID : 67891329992  
Option 3 ID : 67891329991  
Option 4 ID : 67891329990  
Status : Not Answered  
Chosen Option : --

Q.2  $\frac{3}{5}$ th of Sarah's amount is equal to  $\frac{6}{7}$ th of Priya's amount. Between them the duo has ₹ 3,570. How much money does Priya have?

- Ans
- 1. ₹ 1,540
  - 2. ₹ 2,100
  - 3. ₹ 1,470
  - 4. ₹ 1,400

Question ID : 6789137411  
Option 1 ID : 67891329643  
Option 2 ID : 67891329644  
Option 3 ID : 67891329642  
Option 4 ID : 67891329641  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.2 \_\_\_\_\_ meristem is present at the base of the leaves or internodes on twigs.

- Ans
- 1. Calary
  - 2. Intercalary
  - 3. Apical
  - 4. Lateral

Question ID : 6789137477  
Option 1 ID : 67891329906  
Option 2 ID : 67891329907  
Option 3 ID : 67891329905  
Option 4 ID : 67891329908  
Status : Answered  
Chosen Option : 1

Q.2 In a certain code, STAPLE is written as RSZOKD. How is DIGEST written in that code?

- Ans
- 1. CHRDFS
  - 2. CHDFRS
  - 3. CHFDRS
  - 4. CHDRFS

Question ID : 6789137427  
Option 1 ID : 67891329708  
Option 2 ID : 67891329707  
Option 3 ID : 67891329706  
Option 4 ID : 67891329705  
Status : Answered  
Chosen Option : 3

Q.2 The ratio of the five angles of a pentagon is 2 : 3 : 4 : 4 : 5. What would be the measure of the greatest angle?

6

- Ans
- 1. 120°
  - 2. 125°
  - 3. 140°
  - 4. 150°

Question ID : 6789137423  
Option 1 ID : 67891329689  
Option 2 ID : 67891329690  
Option 3 ID : 67891329691  
Option 4 ID : 67891329692  
Status : Not Answered  
Chosen Option : --

Q.2 Three out of the four options given below are related in a particular way. Choose the option that is different or odd from the others.

7

- Ans
- 1. Cat
  - 2. Neigh
  - 3. Frog
  - 4. Goat

Question ID : 6789137446  
Option 1 ID : 67891329782  
Option 2 ID : 67891329784  
Option 3 ID : 67891329781  
Option 4 ID : 67891329783  
Status : Answered  
Chosen Option : 3

Q.2 The most commonly used indicator in laboratories is:

8

- Ans
1. Litmus
  2. Phenolphthalein
  3. Universal Indicator
  4. Methyl Orange

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

Question ID : 6789137470  
Option 1 ID : 67891329878  
Option 2 ID : 67891329879  
Option 3 ID : 67891329880

Option 4 ID : 67891329877  
Status : Answered  
Chosen Option : 1

Q.2 If  $3x^2 + ax + 12$  is perfectly divisible by  $x - 3$ , then the value of 'a' is:

- Ans  1. -13  
 2. -12  
 3. -3  
 4. -9

Question ID : 6789137424  
Option 1 ID : 67891329693  
Option 2 ID : 67891329694  
Option 3 ID : 67891329696  
Option 4 ID : 67891329695  
Status : Not Answered  
Chosen Option : --

Q.3 What will be the mass of mercuric oxide if 92.6 g of mercury reacts with 7.4 g of oxygen?

- Ans  1. 100 g  
 2. 85.2 g  
 3. 92.6 g  
 4. 7.4 g

Question ID : 6789137468  
Option 1 ID : 67891329871  
Option 2 ID : 67891329870  
Option 3 ID : 67891329872  
Option 4 ID : 67891329869  
Status : Answered  
Chosen Option : 1

Q.3 The LCM of 88 and 220 is:

- Ans  1. 220  
 2. 1100  
 3. 440  
 4. 880

Question ID : 6789137403  
Option 1 ID : 67891329611  
Option 2 ID : 67891329610  
Option 3 ID : 67891329612  
Option 4 ID : 67891329609  
Status : Answered  
Chosen Option : 3

Q.3 Age of two persons are in the ratio of 5 : 7. 18 years ago, their ages were in the ratio of 8 : 13. Their current ages are:

- Ans  1. 45 & 63 years

✓ 2. 50 & 70 years

✗ 3. 40 & 80 years

✗ 4. 45 & 75 years

Question ID : 6789137417

Option 1 ID : 67891329666

Option 2 ID : 67891329667

Option 3 ID : 67891329668

Option 4 ID : 67891329665

Status : Answered

Chosen Option : 2

Q.3 Insert mathematical symbols in the place of '?' to get the result of the given equation as 87:

3

$$((150?2)?2)?10 = 87$$

Ans ✗ 1. +, ×, ×

✗ 2. +, ÷, ÷

✗ 3. -, ×, ÷

✓ 4. ÷, +, +

Question ID : 6789137438

Option 1 ID : 67891329749

Option 2 ID : 67891329752

Option 3 ID : 67891329751

Option 4 ID : 67891329750

Status : Answered

Chosen Option : 4

Q.3 How many players were named for Sultan Azlan Shah Cup and Commonwealth Games by the Hockey India?

4

Ans ✗ 1. 11

✗ 2. 25

✓ 3. 33

✗ 4. 22

Question ID : 6789137481

Option 1 ID : 67891329924

Option 2 ID : 67891329922

Option 3 ID : 67891329923

Option 4 ID : 67891329921

Status : Not Answered

Chosen Option : --

Q.3 P told Q, "Though I am the son of your father, you are NOT my brother". How is Q related to P?

5

Ans ✓ 1. Sister

✗ 2. Father

✗ 3. Daughter

✗ 4. Son

Question ID : 6789137429

Option 1 ID : 67891329713  
Option 2 ID : 67891329715  
Option 3 ID : 67891329716  
Option 4 ID : 67891329714  
Status : Answered  
Chosen Option : 1

Q.3  
6 If PHONE is written as RJQPG, then WATER can be written as \_\_\_\_\_.

- Ans
- 1. YCVGT
  - 2. YVCTG
  - 3. YVCGT
  - 4. YCVTG

Question ID : 6789137430  
Option 1 ID : 67891329719  
Option 2 ID : 67891329720  
Option 3 ID : 67891329717  
Option 4 ID : 67891329718  
Status : Answered  
Chosen Option : 1

Q.3  
7 The time period of a vibrating body is 0.05 s. The frequency of waves it emits will be:

- Ans
- 1. 200 Hz
  - 2. 20 Hz
  - 3. 2 Hz
  - 4. 5 Hz

Question ID : 6789137464  
Option 1 ID : 67891329854  
Option 2 ID : 67891329856  
Option 3 ID : 67891329855  
Option 4 ID : 67891329853  
Status : Not Answered  
Chosen Option : --

Q.3  
8  $132 \times 16 \div 2^3 + 4 = ?$

- Ans
- 1. 792
  - 2. 176
  - 3. 264
  - 4. 268

Question ID : 6789137402  
Option 1 ID : 67891329605  
Option 2 ID : 67891329606  
Option 3 ID : 67891329607  
Option 4 ID : 67891329608  
Status : Answered  
Chosen Option : 4

Q.3 Let n be the number of different 5-digit numbers divisible by 4, with the digits 4, 5, 6, 7, 8 and 9, no digit being repeated in the numbers. What is the value of n?

9

Ans

1. 8

2. 24

3. 168

4. 192

Question ID : 6789137408

Option 1 ID : 67891329632

Option 2 ID : 67891329631

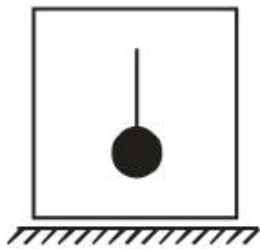
Option 3 ID : 67891329629

Option 4 ID : 67891329630

Status : Not Answered

Chosen Option : --

Q.4 Choose the mirror image of the following figure.



Ans

1.



2.



3.



4.



Question ID : 6789137455

Option 1 ID : 67891329820

Option 2 ID : 67891329818

Option 3 ID : 67891329817

Option 4 ID : 67891329819

Status : Answered

Chosen Option : 3

Q.4  
1



Read the following table carefully and answer the question that is given below:

**Classification of 100 students based on the marks obtained by them in English and Maths in an Examination.**

Mark out of 50	40 and above	30 and above	20 and above	10 and above	0 and above
English	23	26	70	90	100
Maths	15	36	75	95	100
(Aggregate) Average	19	31	80	93	100

What is the difference between the number of students passed with 20 as cut-off marks in English and those passed with 20 as cut-off marks in aggregate?

- Ans
- 1. 12
  - 2. 5
  - 3. 6
  - 4. 10

Question ID : 6789137440  
Option 1 ID : 67891329758  
Option 2 ID : 67891329757  
Option 3 ID : 67891329759  
Option 4 ID : 67891329760  
Status : Answered  
Chosen Option : 4

Q.4  
2 What type of a bank is NABARD?

- Ans
- 1. Commercial Bank focused on Trade & Industry
  - 2. Private Bank focused on Technological Development
  - 3. Cooperative Bank focused on Social and Urban Development
  - 4. Development Bank focused on Agricultural and Rural Development

Question ID : 6789137500  
Option 1 ID : 67891329999  
Option 2 ID : 67891329997  
Option 3 ID : 67891329998  
Option 4 ID : 67891330000  
Status : Answered  
Chosen Option : 4

Q.4  
3 The Brihadisvara Temple was designed by the famous architect \_\_\_\_\_.

- Ans
- 1. Sama Varma
  - 2. Ravi Varma
  - 3. Rama Varma
  - 4. Govinda

Question ID : 6789137494

Option 1 ID : 67891329974

Option 2 ID : 67891329975

Option 3 ID : 67891329973

Option 4 ID : 67891329976

Status : Not Answered

Chosen Option : --

Q.4  
4 A body of mass 100 gm is rotating on a circular path of radius  $r$  with constant velocity. The work done in one complete revolution will be:

- Ans
- 1. zero
  - 2.  $(100/r)$  J
  - 3.  $100 r$  J
  - 4.  $(r/100)$  J

Question ID : 6789137460

Option 1 ID : 67891329839

Option 2 ID : 67891329838

Option 3 ID : 67891329837

Option 4 ID : 67891329840

Status : Answered

Chosen Option : 1

Q.4  
5 Read the statements and decide whether the conclusion is true or false.

**Statements:**

- 1. Object A is bigger than Q.
- 2. Object C is bigger than S.

**Conclusion:**

The object S is smaller than Q.

- Ans
- 1. Cannot say
  - 2. Probably false
  - 3. True
  - 4. False

Question ID : 6789137434

Option 1 ID : 67891329736

Option 2 ID : 67891329735

Option 3 ID : 67891329734

Option 4 ID : 67891329733

Status : Answered

Chosen Option : 1

Q.4  
6 Who among the following has released the 'India 2018' book recently?

- Ans
- 1. Sushma Swaraj
  - 2. Manohar Parrikar
  - 3. Narendra Modi
  - 4. Smriti Irani

Question ID : 6789137487  
Option 1 ID : 67891329947  
Option 2 ID : 67891329948  
Option 3 ID : 67891329945  
Option 4 ID : 67891329946  
Status : Not Answered  
Chosen Option : --

Q.4 If the direction of applied force and direction, in which an object moves, are perpendicular to each other, then:

7

- Ans
- 1. positive work is done
  - 2. no power is released
  - 3. no energy is released
  - 4. no work is done

Question ID : 6789137461  
Option 1 ID : 67891329843  
Option 2 ID : 67891329841  
Option 3 ID : 67891329842  
Option 4 ID : 67891329844  
Status : Answered  
Chosen Option : 4

Q.4 An object moving with a velocity of  $50 \text{ ms}^{-1}$  comes to rest after 20 s. What is its initial velocity?

8

- Ans
- 1.  $0 \text{ ms}^{-1}$
  - 2.  $50 \text{ ms}^{-1}$
  - 3.  $0 \text{ ms}^{-1}$
  - 4.  $10 \text{ ms}^{-1}$

Question ID : 6789137457  
Option 1 ID : 67891329826  
Option 2 ID : 67891329828  
Option 3 ID : 67891329825  
Option 4 ID : 67891329827  
Status : Not Answered  
Chosen Option : --

Q.4 Pillow is related to Rest in the same way as Shoes are related to?

9

- Ans
- 1. Run
  - 2. Fly
  - 3. Swim
  - 4. Wear

Question ID : 6789137426  
Option 1 ID : 67891329701  
Option 2 ID : 67891329704  
Option 3 ID : 67891329702  
Option 4 ID : 67891329703

Q.5 0 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

**Statements:**

Due to the rapid increase in the population in developing countries, there is a huge depletion of resources.

**Conclusions:**

I. The population of developing countries will not continue to increase in future.

II. It will be very difficult for the governments of developing countries to provide its people with a decent quality of life.

Ans ✓ 1. Only conclusion II follows

✗ 2. Neither conclusion I nor II follows

✗ 3. Either conclusion I or II follows

✗ 4. Only conclusion I follows

Question ID : 6789137428

Option 1 ID : 67891329710

Option 2 ID : 67891329712

Option 3 ID : 67891329711

Option 4 ID : 67891329709

Status : Answered

Chosen Option : 1

Q.5 1  $384 \div 2^5 \times 3 + 8 = ?$

Ans ✗ 1. 12

✗ 2. 132

✗ 3. 3

✓ 4. 44

Question ID : 6789137401

Option 1 ID : 67891329601

Option 2 ID : 67891329604

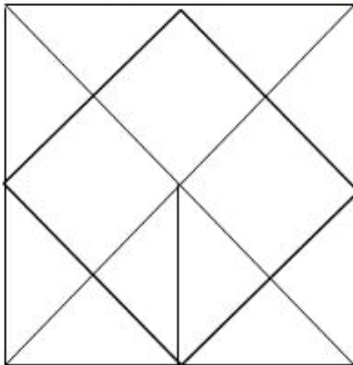
Option 3 ID : 67891329603

Option 4 ID : 67891329602

Status : Answered

Chosen Option : 4

Q.5 2 Find the number of triangles in the given figure:



Ans ✗ 1. 20

✗ 2. 28

3. 36

4. 24

Question ID : 6789137442

Option 1 ID : 67891329765

Option 2 ID : 67891329767

Option 3 ID : 67891329768

Option 4 ID : 67891329766

Status : Answered

Chosen Option : 2

Q.5  
3 Which is not a correct match of the below?

Ans  1. Aldehyde: ----OH

2. Amides:---- CONH<sub>2</sub>

3. Amines: --- NH<sub>2</sub>

4. Carboxylic Acid:---COOH

Question ID : 6789137473

Option 1 ID : 67891329889

Option 2 ID : 67891329891

Option 3 ID : 67891329890

Option 4 ID : 67891329892

Status : Not Answered

Chosen Option : --

Q.5 A sum of money was divided between A and B in the ratio 17:25. If B gave ₹ 5 to A, the ratio would change to 3 : 4.

4 What is the sum of money in question?

Ans  1. ₹ 196

2. ₹ 203

3. ₹ 217

4. ₹ 210

Question ID : 6789137412

Option 1 ID : 67891329645

Option 2 ID : 67891329647

Option 3 ID : 67891329648

Option 4 ID : 67891329646

Status : Answered

Chosen Option : 4

Q.5  
5 What will be the next term in the below series?  
C3A1, G7E5, \_\_\_\_\_?

Ans  1. I8K10

2. I9K11

3. K11I9

4. K10I8

Question ID : 6789137437

Option 1 ID : 67891329748



Option 2 ID : 67891329747  
Option 3 ID : 67891329745  
Option 4 ID : 67891329746  
Status : Answered  
Chosen Option : 3

Q.5  
6 If North-East becomes North, then what would West become?

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

Question ID : 6789137453  
Option 1 ID : 67891329812  
Option 2 ID : 67891329810  
Option 3 ID : 67891329811  
Option 4 ID : 67891329809  
Status : Answered  
Chosen Option : 2

Q.5  
7 With which of the following sport Sultan Azlan Shah cup is associated?

- Ans
- 1. Kabaddi
  - 2. Foot ball
  - 3. Tennis
  - 4. Hockey

Question ID : 6789137482  
Option 1 ID : 67891329928  
Option 2 ID : 67891329925  
Option 3 ID : 67891329927  
Option 4 ID : 67891329926  
Status : Not Answered  
Chosen Option : --

Q.5  
8 Each question given below consists of a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is a 'strong' argument.

**Statement:**

Should speed driving be imposed heavy penalties?

**Arguments:**

- I. Yes, speed driving is one of the major causes of road deaths as per statistics.
- II. No, speed driving helps a person to reach his destination soon.

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

Question ID : 6789137432  
Option 1 ID : 67891329728  
Option 2 ID : 67891329727  
Option 3 ID : 67891329725



Option 4 ID : 67891329726  
Status : Answered  
Chosen Option : 3

Q.5  
9 Who is the Director of the movie “Bahubali-2”, which was released in the year 2017?

- Ans
- 1. Rajkumar Hirani
  - 2. S.S. Rajamouli
  - 3. K.Vishwanath
  - 4. Sanjay Leela Bhansali

Question ID : 6789137484  
Option 1 ID : 67891329933  
Option 2 ID : 67891329936  
Option 3 ID : 67891329935  
Option 4 ID : 67891329934  
Status : Answered  
Chosen Option : 2

Q.6  
0 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

Statement:  
Government should implement price control on medicines and medical devices.

Arguments:

- I. Yes, price control in healthcare have the noble intension of enhancing patient welfare for poor and middle class people
- II. No, health care organisations will end up incurring loses or making less margin.

- Ans
- 1. Only II is strong
  - 2. Only I is strong
  - 3. Neither I nor II is strong
  - 4. Either I or II is strong

Question ID : 6789137433  
Option 1 ID : 67891329730  
Option 2 ID : 67891329729  
Option 3 ID : 67891329732  
Option 4 ID : 67891329731  
Status : Answered  
Chosen Option : 2

Q.6  
1 Which of the numbers given below is rational?

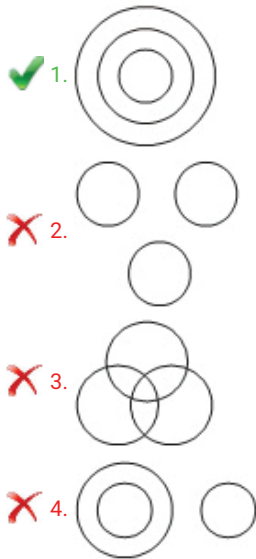
- Ans
- 1.  $\sqrt[5]{49}$
  - 2.  $\sqrt[5]{81}$
  - 3.  $\sqrt[5]{64}$
  - 4.  $\sqrt[5]{36}$

Question ID : 6789137404  
Option 1 ID : 67891329614  
Option 2 ID : 67891329616

Option 3 ID : 67891329615  
Option 4 ID : 67891329613  
Status : Answered  
Chosen Option : 3

Q.6  
2 Choose the Venn diagram that best represents the words: India, Telangana, Hyderabad.

Ans



Question ID : 6789137451  
Option 1 ID : 67891329802  
Option 2 ID : 67891329801  
Option 3 ID : 67891329803  
Option 4 ID : 67891329804  
Status : Answered  
Chosen Option : 1

Q.6  
3 Which of the following quadrilaterals has four lines of symmetry?

Ans

- ✗ 1. Rhombus
- ✗ 2. Rectangle
- ✗ 3. Parallelogram
- ✓ 4. Square

Question ID : 6789137421  
Option 1 ID : 67891329681  
Option 2 ID : 67891329683  
Option 3 ID : 67891329682  
Option 4 ID : 67891329684  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.6  
4 In a computer game a builder can build a wall in 10 hours while a destroyer can demolish such a wall completely in 14 hours. Both the builder and the destroyer were initially set to work together on level ground. But after 7 hours the destroyer was taken out. What was the total time (in hours) taken to build the wall?

Ans

- ✗ 1. 35
- ✗ 2. 17
- ✗ 3. 24
- ✓ 4. 15

Question ID : 6789137413  
Option 1 ID : 67891329650  
Option 2 ID : 67891329652  
Option 3 ID : 67891329651  
Option 4 ID : 67891329649  
Status : Answered  
Chosen Option : 4

Q.6  
5 Atomic number of an element is:

- Ans
1. Number of electrons
  2. Total number of protons and neutrons
  3. Total number of electrons and neutrons
  4. Number of neutrons

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

Question ID : 6789137474  
Option 1 ID : 67891329894  
Option 2 ID : 67891329893  
Option 3 ID : 67891329896  
Option 4 ID : 67891329895  
Status : Answered  
Chosen Option : 1

Q.6  
6 Select the option that is related to the third term in the same way as the second term is related to the first term.

Wall : Brick :: Fabric : ?

- Ans
1. Brick
  2. Milk
  3. Yarn
  4. Wood

Question ID : 6789137445  
Option 1 ID : 67891329777  
Option 2 ID : 67891329780  
Option 3 ID : 67891329778  
Option 4 ID : 67891329779  
Status : Answered  
Chosen Option : 3

Q.6  
7 Who among the following was elected as the Madhya Pradesh Governor in January 2018?

- Ans
1. Mamata Banerjee
  2. Mayawati
  3. Anandiben Patel
  4. Aruna Jayanti

Question ID : 6789137488  
Option 1 ID : 67891329952  
Option 2 ID : 67891329949  
Option 3 ID : 67891329951

Option 4 ID : 67891329950  
Status : Answered  
Chosen Option : 3

Q.6 A solid spherical metal ball of diameter 72 cm is melted and recast into small solid cones of diameter 6 cm and height 6 cm. Find the number of cones that can be formed using this melted metal.

- Ans
- 1. 3,456 cones
  - 2. 3,600 cones
  - 3. 3,568 cones
  - 4. 3,200 cones

Question ID : 6789137420  
Option 1 ID : 67891329679  
Option 2 ID : 67891329680  
Option 3 ID : 67891329677  
Option 4 ID : 67891329678  
Status : Not Answered  
Chosen Option : --

Q.6 Leela goes for a long drive towards the South. After some time she takes a  $90^\circ$  left turn and then takes a  $45^\circ$  left turn to enter a by-lane. Which direction is Leela heading towards?

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

Question ID : 6789137444  
Option 1 ID : 67891329773  
Option 2 ID : 67891329776  
Option 3 ID : 67891329775  
Option 4 ID : 67891329774  
Status : Answered  
Chosen Option : 3

Q.7 A rectangle with length 14 cm and width 3 cm is rotated along its length by  $150^\circ$ . What is the volume of the shape thus generated? (Use  $\pi = \frac{22}{7}$ )

- Ans
- 1.  $198 \text{ cm}^3$
  - 2.  $220 \text{ cm}^3$
  - 3.  $165 \text{ cm}^3$
  - 4.  $192.5 \text{ cm}^3$

Question ID : 6789137419  
Option 1 ID : 67891329675  
Option 2 ID : 67891329673  
Option 3 ID : 67891329676  
Option 4 ID : 67891329674  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.7 Four words have been given of which three are alike in some way and one is different. Choose the *odd one out*.

- Ans 1. BEFFILY  
2. ABHORRED  
3. ACCENT  
4. EFFORT

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

Question ID : 6789137436  
Option 1 ID : 67891329743  
Option 2 ID : 67891329742  
Option 3 ID : 67891329744  
Option 4 ID : 67891329741  
Status : Answered  
Chosen Option : 2

Q.7  
2 The image formed by controlled rays of reflection that we get by extending the rays backwards:

- Ans  1. Convex  
 2. Real  
 3. Plain  
 4. Virtual

Question ID : 6789137463  
Option 1 ID : 67891329849  
Option 2 ID : 67891329852  
Option 3 ID : 67891329850  
Option 4 ID : 67891329851  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.7  
3 The average marks obtained by a group of 25 students was 29. One student left the group as a result of which the average of the remaining students rose to 29.5. Afterwards, another student came in as a result of which the average marks of the group dropped to 28.8. What is the average of the combined marks obtained by the student who left and the one who joined?

- Ans  1. 14  
 2. 14.5  
 3. 15  
 4. 13.5

Question ID : 6789137425  
Option 1 ID : 67891329698  
Option 2 ID : 67891329699  
Option 3 ID : 67891329700  
Option 4 ID : 67891329697  
Status : Answered  
Chosen Option : 2

Q.7  
4 Magnitude of displacement from initial position to final position is a \_\_\_\_\_.

- Ans 1. curved line  
2. straight line  
3. semi circle

4. circle

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

Question ID : 6789137456  
Option 1 ID : 67891329824  
Option 2 ID : 67891329823  
Option 3 ID : 67891329822  
Option 4 ID : 67891329821  
Status : Answered  
Chosen Option : 2

Q.7  
5 IPC Section 377, recently in the news deals about which of the following?

- Ans
- 1. Dowry
  - 2. Divorce
  - 3. Same sex marriages
  - 4. Domestic violence

Question ID : 6789137490  
Option 1 ID : 67891329957  
Option 2 ID : 67891329960  
Option 3 ID : 67891329958  
Option 4 ID : 67891329959  
Status : Answered  
Chosen Option : 3

Q.7  
6 Inlet Pipe A can fill a cistern in 35 hours while outlet Pipe B can drain the filled cistern in 40 hours. The two pipes are opened together when the cistern is empty, but the outlet pipe is closed when the cistern is three-fifths full. How many hours did it take in all to fill the cistern?

- Ans
- 1. 185
  - 2. 182
  - 3. 184
  - 4. 180

Question ID : 6789137416  
Option 1 ID : 67891329664  
Option 2 ID : 67891329662  
Option 3 ID : 67891329661  
Option 4 ID : 67891329663  
Status : Answered  
Chosen Option : 2

Q.7  
7 Consider the following question and decide which of the statements is sufficient to answer the question.

**Question:**

Find the value of n, if

**Statements:**

1)  $AB = A$

2)  $A = \begin{bmatrix} n & 9 \\ 2 & 1 \end{bmatrix}, B = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$

- Ans
- 1. Only 1 is sufficient
  - 2. Only 2 is sufficient



3. Either 1 or 2 is sufficient  
 4. Both 1 and 2 are NOT sufficient

Question ID : 6789137443  
Option 1 ID : 67891329769  
Option 2 ID : 67891329770  
Option 3 ID : 67891329771  
Option 4 ID : 67891329772  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

Q.7  
8 A and B can do a piece of work together in 9 days while A alone can do it in 15 days. They start working together but B leaves 3 days before the completion of the work. For how many days did A and B work together?

- Ans  1. 7.2  
 2. 7.5  
 3. 8.1  
 4. 8

Question ID : 6789137414  
Option 1 ID : 67891329656  
Option 2 ID : 67891329654  
Option 3 ID : 67891329655  
Option 4 ID : 67891329653  
Status : **Answered**  
Chosen Option : 1

Q.7  
9 35 : 98 :: x : 140. What is the value of x?

- Ans  1. 60  
 2. 50  
 3. 55  
 4. 65

Question ID : 6789137409  
Option 1 ID : 67891329636  
Option 2 ID : 67891329634  
Option 3 ID : 67891329633  
Option 4 ID : 67891329635  
Status : **Answered**  
Chosen Option : 2

Q.8  
0 The following table shows the pass percentage of results of four schools in the past four years.

School Name	2012-13	2013-14	2014-15	2015-16
XYZ	78	69	81	92
ABC	61	72	84	96
PQR	81	92	85	97
TUV	92	69	72	95

In which academic year did all the schools have pass percentage as more than 80?

- Ans  1. 2012-13  
 2. 2014-15  
 3. 2015-16

4. 2013-14

Question ID : 6789137441  
Option 1 ID : 67891329761  
Option 2 ID : 67891329763  
Option 3 ID : 67891329764  
Option 4 ID : 67891329762  
Status : Answered  
Chosen Option : 3

Q.8  
1 Rabindranath Tagore received Nobel prize for Literature in 1913 for \_\_\_\_\_.

- Ans  1. Gora  
 2. Gitanjali  
 3. The Home and The World  
 4. Grain of Sand

Question ID : 6789137489  
Option 1 ID : 67891329955  
Option 2 ID : 67891329953  
Option 3 ID : 67891329954  
Option 4 ID : 67891329956  
Status : Answered  
Chosen Option : 2

Q.8  
2 Bahadur Shah, the last Mughal Emperor, was exiled to \_\_\_\_\_ for fear of another rebellion.

- Ans  1. Mysore  
 2. Carnatic  
 3. Awadh  
 4. Burma

Question ID : 6789137495  
Option 1 ID : 67891329978  
Option 2 ID : 67891329979  
Option 3 ID : 67891329977  
Option 4 ID : 67891329980  
Status : Answered  
Chosen Option : 4

Q.8  
3 Who is the author of the book *One Indian Girl*?

- Ans  1. Amit Chaudhuri  
 2. Chetan Bhagat  
 3. Vikram Chandra  
 4. Vikram Seth

Question ID : 6789137485  
Option 1 ID : 67891329937  
Option 2 ID : 67891329940  
Option 3 ID : 67891329939  
Option 4 ID : 67891329938

Status : **Answered**  
Chosen Option : 2

Q.8 Two friends enter a restaurant that has an entrance facing East. They were asked to take right and occupy a two-seater table. Which direction did they turn after entering the restaurant to occupy the seats?

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

Question ID : 6789137454  
Option 1 ID : 67891329815  
Option 2 ID : 67891329816  
Option 3 ID : 67891329814  
Option 4 ID : 67891329813  
Status : **Answered**  
Chosen Option : 4

Q.8 The LCM of 76 and 57 is:

- Ans
- 1. 114
  - 2. 171
  - 3. 152
  - 4. 228

Question ID : 6789137407  
Option 1 ID : 67891329627  
Option 2 ID : 67891329625  
Option 3 ID : 67891329628  
Option 4 ID : 67891329626  
Status : **Answered**  
Chosen Option : 4

Q.8 If North becomes North-East then what will North-East become?

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

Question ID : 6789137447  
Option 1 ID : 67891329785  
Option 2 ID : 67891329786  
Option 3 ID : 67891329788  
Option 4 ID : 67891329787  
Status : **Answered**  
Chosen Option : 1

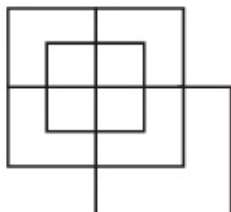
Q.8 Which of the below devices does not use integrated circuits?

- Ans
- 1. Mobile phones
  - 2. Computer

3. Camera  
 4. Television

Question ID : 6789137465  
Option 1 ID : 67891329859  
Option 2 ID : 67891329858  
Option 3 ID : 67891329857  
Option 4 ID : 67891329860  
Status : Answered  
Chosen Option : 3

Q.8  
8 Count the number of squares in the following figure.



- Ans  1. 9  
 2. 15  
 3. 11  
 4. 8

Question ID : 6789137450  
Option 1 ID : 67891329798  
Option 2 ID : 67891329800  
Option 3 ID : 67891329799  
Option 4 ID : 67891329797  
Status : Answered  
Chosen Option : 3

Q.8  
9 What is 'amu' in the context of atoms and molecules?

- Ans  1. Avogadro Mass Unit  
 2. Atomic Unified Mass Unit  
 3. Atomic Mass Unit  
 4. Atomic Molecule Unit

Question ID : 6789137467  
Option 1 ID : 67891329866  
Option 2 ID : 67891329867  
Option 3 ID : 67891329868  
Option 4 ID : 67891329865  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.9  
0 Bleaching powder is produced by the action of chlorine on dry slaked lime. Which of the following is the appropriate equation for this?

- Ans  1.  $\text{Ca(OH)}_2 + 2\text{Cl} = \text{CaOCl}_2 + \text{H}_2\text{O}$   
 2.  $\text{Ca(OH)}_2 + \text{Cl}_2 = 2\text{CaOCl}_2 + \text{H}_2\text{O}$

- ✓ 3.  $\text{Ca}(\text{OH})_2 + \text{Cl}_2 = \text{CaOCl}_2 + \text{H}_2\text{O}$   
✗ 4.  $\text{Ca}(\text{OH})_2 + \text{Cl}_2 = \text{CaOCl}_2 + 2\text{H}_2\text{O}$

Question ID : 6789137471  
Option 1 ID : 67891329881  
Option 2 ID : 67891329884  
Option 3 ID : 67891329883  
Option 4 ID : 67891329882  
Status : Answered  
Chosen Option : 3

Q.9  
1 Who is the present Comptroller and Auditor General of India?

- Ans ✓ 1. Rajiv Mehrishi  
✗ 2. Amitabh Kant  
✗ 3. Shashikanth Sharma  
✗ 4. Mukul Rohatgi

Question ID : 6789137491  
Option 1 ID : 67891329964  
Option 2 ID : 67891329962  
Option 3 ID : 67891329961  
Option 4 ID : 67891329963  
Status : Answered  
Chosen Option : 1

Q.9  
2 Who among the following was the Prime Minister of India when Mandal Commission was constituted?

- Ans ✗ 1. Manmohan Singh  
✗ 2. Atal Bihari Vajpayee  
✗ 3. VP Singh  
✓ 4. Morarji Desai

Question ID : 6789137493  
Option 1 ID : 67891329972  
Option 2 ID : 67891329971  
Option 3 ID : 67891329969  
Option 4 ID : 67891329970  
Status : Not Answered  
Chosen Option : --

Q.9  
3 Find the remainder when  $1 + a + a^2 + a^3 + \dots + a^{2018}$  is divided by  $a - 1$ ?

- Ans ✗ 1. 2018  
✗ 2. 2017  
✓ 3. 2019  
✗ 4. 0

Question ID : 6789137422  
Option 1 ID : 67891329686

Option 2 ID : 67891329685  
Option 3 ID : 67891329687  
Option 4 ID : 67891329688  
Status : Not Answered  
Chosen Option : --

Q.9  
4 If  $8^x = \frac{4}{2^x}$ , then find  $x$ .

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

Question ID : 6789137405  
Option 1 ID : 67891329617  
Option 2 ID : 67891329619  
Option 3 ID : 67891329618  
Option 4 ID : 67891329620  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.9  
5 Which of the following is NOT a Fundamental Right provided in the Indian Constitution?

- Ans
- 1. Right to Property
  - 2. Right to Education
  - 3. Right to Freedom
  - 4. Right to Equality

Question ID : 6789137492  
Option 1 ID : 67891329968  
Option 2 ID : 67891329965  
Option 3 ID : 67891329967  
Option 4 ID : 67891329966  
Status : Answered  
Chosen Option : 2

Q.9  
6 We all know from our observation that water can exist in three states of matter.

**Statements:**

- A. Solid, as ice
- B. Liquid, as petrol and
- C. Gas as  $O_2$

Which of the following statements is/are true?

- Ans
- 1. Only A is true, B and C are false
  - 2. A and B are true, C is false
  - 3. All are false
  - 4. All are true

Question ID : 6789137469



Option 1 ID : 67891329874

Option 2 ID : 67891329873

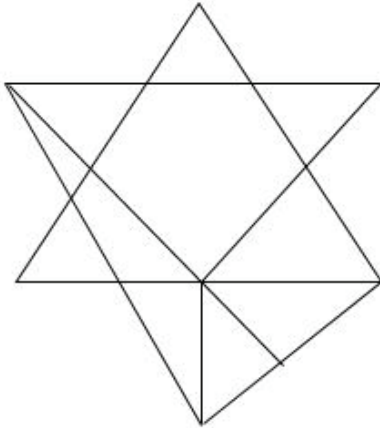
Option 3 ID : 67891329876

Option 4 ID : 67891329875

Status : Answered

Chosen Option : 1

Q.9  $\frac{7}{7}$  How many triangles are present in the below figure?



Ans  1. 16

2. 11

3. 14

4. 15



Question ID : 6789137452

Option 1 ID : 67891329807

Option 2 ID : 67891329808

Option 3 ID : 67891329805

Option 4 ID : 67891329806

Status : Answered

Chosen Option : 4

Q.9  $\frac{8}{7}$   $\frac{5}{7}$  of a number is  $\frac{2}{3}$ . What is the number?

Ans  1.  $\frac{15}{14}$

2.  $\frac{15}{7}$

3.  $\frac{7}{15}$

4.  $\frac{14}{15}$

Question ID : 6789137406

Option 1 ID : 67891329622

Option 2 ID : 67891329623

Option 3 ID : 67891329624

Option 4 ID : 67891329621

Status : Answered

Chosen Option : 4

Q.9  
9 What is the next term in this series?  
22, 18, 40, 48, 58, \_\_\_\_\_

- Ans
- 1. 90
  - 2. 70
  - 3. 78
  - 4. 68

Question ID : 6789137439

Option 1 ID : 67891329756

Option 2 ID : 67891329754

Option 3 ID : 67891329755

Option 4 ID : 67891329753

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.1  
00 There are \_\_\_\_\_ parallel ranges of the Himalayas.

- Ans
- 1. three
  - 2. two
  - 3. five
  - 4. four

Question ID : 6789137496

Option 1 ID : 67891329983

Option 2 ID : 67891329981

Option 3 ID : 67891329984

Option 4 ID : 67891329982

Status : **Not Answered**

Chosen Option : --

