



RRB GROUP - D **SHIFT – 2 (22-10-2018)**

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# RAILWAY RECRUITMENT BOARDS

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## Level-1 Posts CEN-02/2018

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Test Date:	22/10/2018
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 Molecular mass of CO is \_\_\_\_\_.

- Ans
- 1. 16
  - 2. 44
  - 3. 32
  - 4. 28

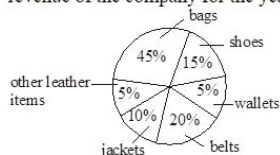


Question ID : 6789133566  
Option 1 ID : 67891314264  
Option 2 ID : 67891314263  
Option 3 ID : 67891314261  
Option 4 ID : 67891314262

Status : Answered

Chosen Option : 4

Q.2 The following pie diagram shows the revenue of the company ABC, which manufactures leather products. The total revenue of the company for the year 2015 was ₹ 36,28,000



Among the products, which product gave the major source of revenue (largest revenue making product) to the company?

- Ans
- 1. Belts
  - 2. Wallets
  - 3. Shoes
  - 4. Bags

Question ID : 6789133542  
Option 1 ID : 67891314167  
Option 2 ID : 67891314168  
Option 3 ID : 67891314166  
Option 4 ID : 67891314165

Status : Answered  
Chosen Option : 4

Q.3 Keerthana says, "Jyothi's father Revanth is the only son of my father-in-law Mohan. Brunda is Jyothi's sister". How is Brunda related to Mohan?

- Ans
- 1. Daughter
  - 2. Daughter-in-law
  - 3. Grand daughter
  - 4. Niece

Question ID : 6789133530  
Option 1 ID : 67891314119  
Option 2 ID : 67891314120  
Option 3 ID : 67891314117  
Option 4 ID : 67891314118  
Status : Answered  
Chosen Option : 3

Q.4 1 Newton = ?

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

Question ID : 6789133557  
Option 1 ID : 67891314226  
Option 2 ID : 67891314225  
Option 3 ID : 67891314227  
Option 4 ID : 67891314228  
Status : Answered  
Chosen Option : 3

Q.5 Find the rotated image of the given figure.



A B C D

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

✓ 4. B

Question ID : 6789133553  
Option 1 ID : 67891314212  
Option 2 ID : 67891314209  
Option 3 ID : 67891314211  
Option 4 ID : 67891314210  
Status : Answered  
Chosen Option : 2

Q.6 Which of the following states won the best tableau prize in the 2018 Indian Republic Day parade?

- Ans ✓ 1. Maharashtra  
✗ 2. Assam  
✗ 3. Kerala  
✗ 4. Punjab

Question ID : 6789133587  
Option 1 ID : 67891314347  
Option 2 ID : 67891314345  
Option 3 ID : 67891314348  
Option 4 ID : 67891314346  
Status : Not Answered  
Chosen Option : --

Q.7  $35 - 7.892 + 0.005 - 10.345 = ?$

- Ans ✗ 1. 26.768  
✗ 2. 29.768  
✓ 3. 16.768  
✗ 4. 19.768



Question ID : 6789133505  
Option 1 ID : 67891314019  
Option 2 ID : 67891314017  
Option 3 ID : 67891314018  
Option 4 ID : 67891314020  
Status : Answered  
Chosen Option : 3

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

- Ans ✗ 1. Rukmini Arundale  
✓ 2. Sania Mirza  
✗ 3. Birju maharaj  
✗ 4. Mrinalini Sarabhai

Question ID : 6789133526  
Option 1 ID : 67891314103  
Option 2 ID : 67891314104  
Option 3 ID : 67891314101  
Option 4 ID : 67891314102  
Status : Not Answered

Chosen Option : --

Q.9 The difference between two fractions is  $\frac{5}{6}$ . The smaller one is  $\frac{3}{4}$ . What is the other fraction?

- Ans
- 1.  $\frac{1}{12}$
  - 2.  $\frac{19}{24}$
  - 3.  $\frac{8}{10}$
  - 4.  $\frac{19}{12}$

Question ID : 6789133506

Option 1 ID : 67891314023

Option 2 ID : 67891314021

Option 3 ID : 67891314022

Option 4 ID : 67891314024

Status : Answered

Chosen Option : 4

Q.1 \_\_\_\_\_ is the most metallic element in the fifth period.

- Ans
- 1. Rubidium
  - 2. Calcium
  - 3. Gold
  - 4. Platinum

Question ID : 6789133567

Option 1 ID : 67891314265

Option 2 ID : 67891314268

Option 3 ID : 67891314267

Option 4 ID : 67891314266

Status : Answered

Chosen Option : 1

Q.1 The ideas of introducing Liberty and Fraternity in the Constitution of India were inspired by which country?

- 1
- Ans
- 1. France
  - 2. Germany
  - 3. USA
  - 4. Russia

Question ID : 6789133593

Option 1 ID : 67891314371

Option 2 ID : 67891314369

Option 3 ID : 67891314372

Option 4 ID : 67891314370

Status : Not Answered

Chosen Option : --

Q.1  
2

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

Statements:

World is neither fair nor unfair. It's just the people's state of mind.

Conclusions:

1. Some people find world to be fair.
2. Some people find world to be unfair.

- Ans
- 1. Neither 1 nor 2 follows
  - 2. Only conclusion 2 follows
  - 3. Both 1 and 2 follows
  - 4. Only conclusion 1 follows

Question ID : 6789133534

Option 1 ID : 67891314136

Option 2 ID : 67891314134

Option 3 ID : 67891314135

Option 4 ID : 67891314133

Status : Answered

Chosen Option : 3

**Q.1** In each question below is given a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

3

**Statement:** "I would like to do 500 numbers sampling to check the reliability of this test." X says to Y.

**Assumptions:**

- I. The sampling on 500 numbers is possible.
- II. X possess skills and competencies to do such sampling.

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

Question ID : 6789133533

Option 1 ID : 67891314132

Option 2 ID : 67891314131

Option 3 ID : 67891314129

Option 4 ID : 67891314130

Status : Answered

Chosen Option : 1

**Q.1** Which of the following statements is/are true about the speed of sound in different media at 25 °C

4

- A. In steel, the speed of sound is 5960 m/s
- B. In nickel, speed of sound is 6240 m/s.

- Ans
- 1. Only A is true
  - 2. Both A and B are true
  - 3. Neither A nor B is true
  - 4. Only B is true

Question ID : 6789133563

Option 1 ID : 67891314249

Option 2 ID : 67891314251

Option 3 ID : 67891314252

Option 4 ID : 67891314250

Status : Answered

Chosen Option : 1

Q.1 Find the angle formed by the hour and minute hand when the time is 3:25.

- 5
- Ans
- 1.  $32^\circ$
  - 2.  $65^\circ$
  - 3.  $47.5^\circ$
  - 4.  $54^\circ$

Question ID : 6789133520  
Option 1 ID : 67891314077  
Option 2 ID : 67891314080  
Option 3 ID : 67891314078  
Option 4 ID : 67891314079  
Status : Answered  
Chosen Option : 3

Q.1 Which 2017 book is a standalone fantasy about a young princess, Gauri, who has to work with her sworn enemy, Vikram, to win back her kingdom?

- 6
- Ans
- 1. 'A Crown of Wishes'
  - 2. 'The Fated Encounter'
  - 3. 'The Star-Touched Queen'
  - 4. 'The Solitary Insurgence of a Princess'

Question ID : 6789133584  
Option 1 ID : 67891314335  
Option 2 ID : 67891314333  
Option 3 ID : 67891314334  
Option 4 ID : 67891314336  
Status : Not Answered  
Chosen Option : --

Q.1 Sandhya and Vanita are facing East direction Sandhya turns  $45^\circ$  Anticlockwise and then in  $135^\circ$  Clockwise direction.

7 With how much turn or rotation Vanita will be facing in opposite direction to Sandhya.

- Ans
- 1.  $180^\circ$  CW
  - 2.  $180^\circ$  ACW
  - 3.  $270^\circ$  CW
  - 4.  $90^\circ$  ACW

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

Question ID : 6789133554  
Option 1 ID : 67891314215  
Option 2 ID : 67891314216  
Option 3 ID : 67891314213  
Option 4 ID : 67891314214  
Status : Answered  
Chosen Option : 4

Q.1  
8

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

**Statement:** Should LED lamps be banned?

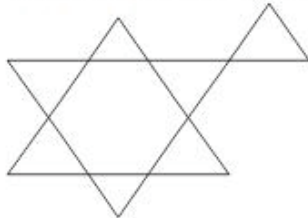
**Arguments:**

- I. Yes, they emit blue light which is hazardous to the environment as well as human beings.
- II. No, they are economical and emit better light than CFL's.

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

Question ID : 6789133532  
Option 1 ID : 67891314128  
Option 2 ID : 67891314125  
Option 3 ID : 67891314126  
Option 4 ID : 67891314127  
Status : Answered  
Chosen Option : 3

Q.1 Find the number of triangles in the given figure:



- Ans
- 1. 6
  - 2. 7
  - 3. 8
  - 4. 9

Question ID : 6789133550  
Option 1 ID : 67891314197  
Option 2 ID : 67891314198  
Option 3 ID : 67891314199  
Option 4 ID : 67891314200  
Status : Answered  
Chosen Option : 4

Q.2 The work done across two points having a potential difference of 20 V is 60 J. Then the electric charge flowing between the two points is:

- Ans
- 1. 30 C
  - 2. 3 C
  - 3. 1200 C
  - 4. 120 C

Question ID : 6789133565  
Option 1 ID : 67891314260  
Option 2 ID : 67891314259



Option 3 ID : 67891314257  
Option 4 ID : 67891314258  
Status : Answered  
Chosen Option : 2

Q.2  
1 Find the next(?) number in the series.

1200, 600, 200, ?, 10

- Ans
- 1. 180
  - 2. 150
  - 3. 100
  - 4. 50

Question ID : 6789133536  
Option 1 ID : 67891314144  
Option 2 ID : 67891314143  
Option 3 ID : 67891314141  
Option 4 ID : 67891314142  
Status : Answered  
Chosen Option : 4

Q.2  
2 Pradhan Mantri Krishi Sinchayee Yojana is launched by the Indian Government recently for which purpose?

- Ans
- 1. Coal & renewable energy
  - 2. Animal husbandry
  - 3. Electricity
  - 4. Agriculture & irrigation

Question ID : 6789133598  
Option 1 ID : 67891314390  
Option 2 ID : 67891314391  
Option 3 ID : 67891314389  
Option 4 ID : 67891314392  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.2  
3 When a body is taken from the equator to the North and South poles then its weight:

- Ans
- 1. remains the same
  - 2. increases at south pole and decreases at north pole
  - 3. decreases
  - 4. increases

Question ID : 6789133559  
Option 1 ID : 67891314233  
Option 2 ID : 67891314236  
Option 3 ID : 67891314235  
Option 4 ID : 67891314234  
Status : Answered  
Chosen Option : 4

Q.2 The vas deferens unites with a tube coming from the \_\_\_\_\_ to form a common passage called the urethra.

- 4  
Ans
- 1. prostate gland
  - 2. testis
  - 3. scrotum
  - 4. urinary bladder

Question ID : 6789133580

Option 1 ID : 67891314318

Option 2 ID : 67891314317

Option 3 ID : 67891314320

Option 4 ID : 67891314319

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.2 The fumes of  $\text{NO}_2$  are \_\_\_\_\_ in colour.

- 5  
Ans
- 1. yellow
  - 2. brown
  - 3. pale yellow
  - 4. red

Question ID : 6789133570

Option 1 ID : 67891314278

Option 2 ID : 67891314280

Option 3 ID : 67891314279

Option 4 ID : 67891314277

Status : Answered

Chosen Option : 1

Q.2 Aditya is the son of Dinesh. Dinesh is the brother of Avani. Lata is the daughter of Avani. Avani and Aditya are \_\_\_\_\_.

- 6  
Ans
- 1. nephew
  - 2. brothers
  - 3. cousins
  - 4. niece

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

Question ID : 6789133528

Option 1 ID : 67891314111

Option 2 ID : 67891314109

Option 3 ID : 67891314112

Option 4 ID : 67891314110

Status : Answered

Chosen Option : 1

Q.2  $\text{Pb} + \text{CuCl}_2 \rightarrow \text{PbCl}_2 + \text{Cu}$ . The given reaction is an example of a \_\_\_\_\_ reaction.

- 7  
Ans
- 1. decomposition

2. double displacement

3. combination

4. displacement

Question ID : 6789133571

Option 1 ID : 67891314282

Option 2 ID : 67891314284

Option 3 ID : 67891314281

Option 4 ID : 67891314283

Status : Answered

Chosen Option : 4

Q.2 Two pipes X and Y can fill a cistern in 60 minutes and 75 minutes respectively. There is also an outlet Z. If all the three pipes are used together, the tank is full in 50 minutes. How much time will be taken by Z to empty the full tank?

Ans  1. 90 minutes

2. 100 minutes

3. 50 minutes

4. 75 minutes

Question ID : 6789133518

Option 1 ID : 67891314072

Option 2 ID : 67891314071

Option 3 ID : 67891314069

Option 4 ID : 67891314070

Status : Answered

Chosen Option : 2

Q.2 How many Isomers does  $C_6H_{14}$  have?

Ans  1. 3

2. 6

3. 4

4. 5

Question ID : 6789133572

Option 1 ID : 67891314285

Option 2 ID : 67891314288

Option 3 ID : 67891314286

Option 4 ID : 67891314287

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.3 Which cricket team won the 2017 Ranji Trophy tournament?

Ans  1. Tripura

2. Assam

3. Saurashtra

4. Vidarbha

Question ID : 6789133582

Option 1 ID : 67891314327

Option 2 ID : 67891314328

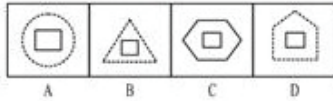
Option 3 ID : 67891314325

Option 4 ID : 67891314326

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

Chosen Option : --

Q.3  
1 Choose the one which does not belong to the group.



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

Question ID : 6789133547

Option 1 ID : 67891314186

Option 2 ID : 67891314185

Option 3 ID : 67891314188

Option 4 ID : 67891314187

Status : **Answered**

Chosen Option : 2

Q.3  
2 Covalently bonded molecules have low melting and boiling points because:

- Ans
- 1. Intermolecular forces are medium
  - 2. Intermolecular forces are strong
  - 3. Intermolecular forces are very strong
  - 4. Intermolecular forces are weak

Question ID : 6789133573

Option 1 ID : 67891314290

Option 2 ID : 67891314289

Option 3 ID : 67891314292

Option 4 ID : 67891314291

Status : **Answered**

Chosen Option : 4

Q.3  
3 In the Mendeleev periodic table, gaps were left for the undiscovered elements. Which of the following elements found a place in the periodic table later?

- Ans
- 1. F
  - 2. Mg
  - 3. Ge
  - 4. Ca

Question ID : 6789133574

Option 1 ID : 67891314293

Option 2 ID : 67891314296

Option 3 ID : 67891314295

Option 4 ID : 67891314294

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

Chosen Option : --

Q.3 The interest earned on a sum of money invested for six years at the rate of 9.5% simple interest per annum was ₹ 456.  
4 What was the sum invested?

- Ans
- 1. ₹ 775
  - 2. ₹ 850
  - 3. ₹ 750
  - 4. ₹ 800

Question ID : 6789133509  
Option 1 ID : 67891314035  
Option 2 ID : 67891314033  
Option 3 ID : 67891314034  
Option 4 ID : 67891314036  
Status : Answered  
Chosen Option : 4

Q.3 India-born Vikas Sathaye recently won an Oscar award. In which category did he win the Oscar?  
5

- Ans
- 1. Sound recording
  - 2. Film Editing
  - 3. Best Supporting Actor in the film 'Newton'
  - 4. Invention of an innovative movie camera

Question ID : 6789133589  
Option 1 ID : 67891314353  
Option 2 ID : 67891314354  
Option 3 ID : 67891314355  
Option 4 ID : 67891314356  
Status : Not Answered  
Chosen Option : --

Q.3 The protuberances that extend from the lower epidermal cells of Bryophytes are called \_\_\_\_\_.  
6

- Ans
- 1. Thallus
  - 2. Seta
  - 3. Rhizoids
  - 4. Capsule

Question ID : 6789133576  
Option 1 ID : 67891314302  
Option 2 ID : 67891314301  
Option 3 ID : 67891314303  
Option 4 ID : 67891314304  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.3  
7

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

Question:

Mahi has 3 shelves and 16 vessels, and she wants to arrange them. How many vessels can be placed in shelf one?

Statements:

1. Shelf 1 can accommodate twice as that of shelf 2
2. Shelf 3 can have 4 vessels

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

Question ID : 6789133543

Option 1 ID : 67891314171

Option 2 ID : 67891314169

Option 3 ID : 67891314170

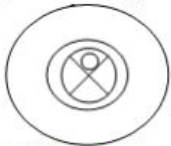
Option 4 ID : 67891314172

Status : Answered

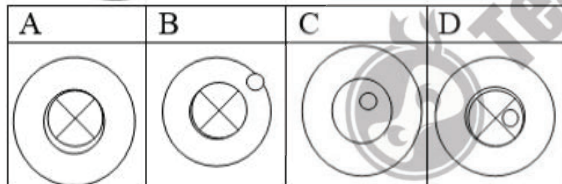
Chosen Option : 2

Q.3  
8 Which of the option figures bears the closest resemblance to the question figure?

Question Figure:



Option Figures:



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

Question ID : 6789133546

Option 1 ID : 67891314184

Option 2 ID : 67891314181

Option 3 ID : 67891314182

Option 4 ID : 67891314183

Status : Answered

Chosen Option : 1

Q.3  
9  $91 \div [-4 + (-3) \text{ of } \{27 \div (-18 \div -2)\}] = ?$

- Ans
- 1. -13
  - 2. -7

~~X~~ 3. 13

~~X~~ 4. 7

Question ID : 6789133504

Option 1 ID : 67891314015

Option 2 ID : 67891314014

Option 3 ID : 67891314016

Option 4 ID : 67891314013

Status : Answered

Chosen Option : 2

Q.4  
0 A car starting from rest moves with uniform acceleration of  $1\text{ms}^{-2}$  for 2 minutes. Find the speed acquired by the car.

Ans ~~X~~ 1.  $120\text{ms}^1$

~~X~~ 2.  $120\text{ms}^{-2}$

✓ 3.  $120\text{ms}^{-1}$

~~X~~ 4.  $120\text{ms}^2$

Question ID : 6789133558

Option 1 ID : 67891314230

Option 2 ID : 67891314232

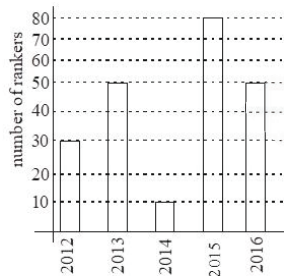
Option 3 ID : 67891314229

Option 4 ID : 67891314231

Status : Answered

Chosen Option : 3

Q.4  
1 The following Bar graph shows information of the results in the national level entrance exam by the institute "ABC" for the last 5 years.



In which year institute ABC scored least number of ranks?

Ans ~~X~~ 1. 2011

✓ 2. 2014

~~X~~ 3. 2013

~~X~~ 4. 2012

Question ID : 6789133541

Option 1 ID : 67891314161

Option 2 ID : 67891314164

Option 3 ID : 67891314163

Option 4 ID : 67891314162

Status : Answered

Chosen Option : 2

Q.4  
2 Find the value of 'A' when the polynomial  $P(x) = x^3 + 3x^2 - 2Ax + 3$ , where 'A' is a constant, is divided by  $x^2 + 1$  has a remainder equal to  $-5x$ :

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

Question ID : 6789133525  
Option 1 ID : 67891314100  
Option 2 ID : 67891314097  
Option 3 ID : 67891314099  
Option 4 ID : 67891314098  
Status : Answered  
Chosen Option : 2

Q.4  
3 If in a triangle  $\angle B = 90^\circ$  and  $\angle A = 30^\circ$  then  $2\sin 2A - \cos 2A - \tan 2A = ?$

- Ans  1.  $1/6$   
 2.  $(-1)/2$   
 3. 1  
 4.  $(-1)/3$

Question ID : 6789133522  
Option 1 ID : 67891314087  
Option 2 ID : 67891314088  
Option 3 ID : 67891314085  
Option 4 ID : 67891314086  
Status : Answered  
Chosen Option : 2

Q.4  
4 P 3 R I M J 3 Q % W @ / N S E 5 X Y 1 # 8  
Using the above series, find the term that **DOES NOT** belong to the group below:  
P I 3, W N 5, % / 5, M Q @

- Ans  1. W N 5  
 2. M Q @  
 3. P I 3  
 4. % / 5

Question ID : 6789133538  
Option 1 ID : 67891314151  
Option 2 ID : 67891314152  
Option 3 ID : 67891314149  
Option 4 ID : 67891314150  
Status : Answered  
Chosen Option : 4

Q.4  
5 Suresh bought two books for ₹ 1,200; he sold one at a profit of 20% and the other at a loss of 16%. If the selling price of both the books are the same, find the approximate cost price of each book.

- Ans  1. ₹ 550 and ₹ 650  
 2. ₹ 500 and ₹ 700  
 3. ₹ 600 and ₹ 600



4. ₹ 400 and ₹ 800

Question ID : 6789133511

Option 1 ID : 67891314041

Option 2 ID : 67891314042

Option 3 ID : 67891314044

Option 4 ID : 67891314043

Status : Answered

Chosen Option : 2

Q.4  
6 What is the weight of the human brain in grams?

Ans  1. 120-140

2. 250-300

3. 1800-2000

4. 1200-1400

Question ID : 6789133578

Option 1 ID : 67891314311

Option 2 ID : 67891314312

Option 3 ID : 67891314309

Option 4 ID : 67891314310

Status : Answered

Chosen Option : 4

Q.4  
7 Which of the following sets of atomic numbers belong to that of alkali metal?

Ans  1. 12, 20, 88, 56

2. 9, 17, 35, 53

3. 37, 19, 3, 55

4. 1, 3, 5, 45

Question ID : 6789133575

Option 1 ID : 67891314299

Option 2 ID : 67891314298

Option 3 ID : 67891314297

Option 4 ID : 67891314300

Status : Answered

Chosen Option : 4

Q.4  
8 Which of the below is such a largest number that leaves a remainder of 9 when it divides 105 and leaves a remainder of 20 when dividing 164?

Ans  1. 48

2. 36

3. 96

4. 24

Question ID : 6789133508

Option 1 ID : 67891314031

Option 2 ID : 67891314030

Option 3 ID : 67891314032

Option 4 ID : 67891314029

Status : Answered  
Chosen Option : 1

Q.4 In which field 'Moorti Devi Award' is given every year for excellence?

- Ans  1. Literature  
 2. Drama  
 3. Dance  
 4. Music

Question ID : 6789133586  
Option 1 ID : 67891314341  
Option 2 ID : 67891314343  
Option 3 ID : 67891314344  
Option 4 ID : 67891314342  
Status : Answered  
Chosen Option : 2

Q.5 విప్లవ సోషలిస్టు పార్టీ ఏ రాజకీయ పార్టీకి చెందినది?

- Ans  1. వ్యక్తిగత  
 2. వామపక్ష  
 3. మధ్యస్థ  
 4. రైటిస్ట్

Question ID : 6789133591  
Option 1 ID : 67891314364  
Option 2 ID : 67891314361  
Option 3 ID : 67891314363  
Option 4 ID : 67891314362  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.5 Evaluate the following expression:

$$36 - 2(20 + 12 \div 4 \times 3 - 2 \times 2) + 12 = ?$$

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

Question ID : 6789133501  
Option 1 ID : 67891314003  
Option 2 ID : 67891314001  
Option 3 ID : 67891314002  
Option 4 ID : 67891314004  
Status : Answered  
Chosen Option : 3

Q.5 37.5% of an alloy was silver. If in the quantity of alloy there was 117 gm of silver, what was the quantity of the other elements in the alloy?

- Ans  1. 273 gm  
 2. 195 gm  
 3. 312 gm  
 4. 156 gm

Question ID : 6789133512  
Option 1 ID : 67891314046  
Option 2 ID : 67891314048  
Option 3 ID : 67891314045  
Option 4 ID : 67891314047  
Status : Answered  
Chosen Option : 2

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

- 3  
Statement:  
The quote says, "It's better to be a lion for a day than a sheep all your life."  
Conclusions:  
I. Lion is majestic, whereas a sheep follows its herd  
II. Like sheep, we shouldn't blindly and meekly follow others

- Ans  1. Both the conclusions follow  
 2. No conclusion follows  
 3. Only conclusion I follows  
 4. Only conclusion II follows

Question ID : 6789133535  
Option 1 ID : 67891314140  
Option 2 ID : 67891314139  
Option 3 ID : 67891314137  
Option 4 ID : 67891314138  
Status : Answered  
Chosen Option : 4

Q.5 X, Y and Z bought a field on an annual rent of ₹ 415. If X grazed 25 cows for 6 months, Y grazed 40 cows for 8 months and Z grazed 30 cow for a complete year, what was the share of the rent given by Y ?

- 4  
Ans  1. ₹ 154  
 2. ₹ 120  
 3. ₹ 160  
 4. ₹ 150

Question ID : 6789133510  
Option 1 ID : 67891314039  
Option 2 ID : 67891314040  
Option 3 ID : 67891314038  
Option 4 ID : 67891314037  
Status : Answered  
Chosen Option : 3

Q.5 Choose the best suitable Venn diagram for the following words:  
Bat, Hockey Stick, Wood

Ans



Question ID : 6789133551  
Option 1 ID : 67891314203  
Option 2 ID : 67891314202  
Option 3 ID : 67891314201  
Option 4 ID : 67891314204  
Status : Answered  
Chosen Option : 3

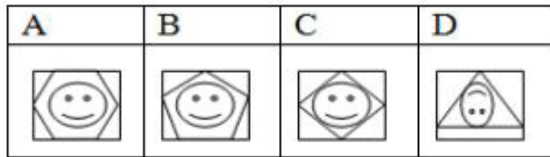
Q.5 \_\_\_\_\_ అనునది ద్వీలింగ పుష్పము.

- Ans ✓ 1. ఆవాలు  
✗ 2. పుచ్చకాయ  
✗ 3. బొప్పాయి  
✗ 4. కొబ్బరి



Question ID : 6789133579  
Option 1 ID : 67891314315  
Option 2 ID : 67891314314  
Option 3 ID : 67891314313  
Option 4 ID : 67891314316  
Status : Answered  
Chosen Option : 4

Q.5 Find the odd one out:



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

Question ID : 6789133549  
Option 1 ID : 67891314196

Option 2 ID : 67891314194  
Option 3 ID : 67891314195  
Option 4 ID : 67891314193  
Status : Answered  
Chosen Option : 3

Q.5  
8 Who has taken over charge as the new IGP of Kashmir Range?

- Ans
- 1. Munir Ahmad Khan
  - 2. G S Malik
  - 3. Shivanand Jha
  - 4. Swayam Prakash Pani

Question ID : 6789133588  
Option 1 ID : 67891314350  
Option 2 ID : 67891314352  
Option 3 ID : 67891314349  
Option 4 ID : 67891314351  
Status : Not Answered  
Chosen Option : --

Q.5  
9 A tank is filled up in 6 hours by three pipes X, Y and Z together. If Z is trice as fast as Y and Y is twice as fast as X then find the time required in hours to fill up the tank by pipe X alone?

- Ans
- 1. 30 hours
  - 2. 54 hours
  - 3. 27 hours
  - 4. 45 hours



Question ID : 6789133516  
Option 1 ID : 67891314062  
Option 2 ID : 67891314064  
Option 3 ID : 67891314061  
Option 4 ID : 67891314063  
Status : Answered  
Chosen Option : 2

Q.6  
0 The value of  $\frac{5}{3} + \frac{3}{5}$  is:

- Ans
- 1.  $\frac{8}{15}$
  - 2.  $\frac{8}{8}$
  - 3.  $\frac{15}{8}$
  - 4.  $2\frac{4}{15}$

Question ID : 6789133507  
Option 1 ID : 67891314027  
Option 2 ID : 67891314025  
Option 3 ID : 67891314026

Option 4 ID : 67891314028  
Status : Answered  
Chosen Option : 4

Q.6  
1 If P means  $\times$ , R means  $+$ , T means  $\div$  and S means  $-$ , then what is the value of  $35T5P6S4R3 = ?$

- Ans
- 1. 25
  - 2. 40
  - 3. 32
  - 4. 41

Question ID : 6789133537  
Option 1 ID : 67891314148  
Option 2 ID : 67891314145  
Option 3 ID : 67891314147  
Option 4 ID : 67891314146  
Status : Answered  
Chosen Option : 4

Q.6  
2 The chemical formula of sodium sulphate is:

- Ans
- 1.  $\text{Na}_2\text{SO}_4$
  - 2.  $\text{NaSO}_3$
  - 3.  $\text{NaSO}_4$
  - 4.  $\text{Na}(\text{SO}_4)_2$

Question ID : 6789133568  
Option 1 ID : 67891314270  
Option 2 ID : 67891314272  
Option 3 ID : 67891314269  
Option 4 ID : 67891314271  
Status : Answered  
Chosen Option : 1

Q.6  
3 The value of two adjacent angles of a quadrilateral are  $125^\circ$  and  $35^\circ$  and the other two angles are equal. Find out the value of equal angles.

- Ans
- 1.  $135^\circ$
  - 2.  $80^\circ$
  - 3.  $100^\circ$
  - 4.  $90^\circ$

Question ID : 6789133524  
Option 1 ID : 67891314096  
Option 2 ID : 67891314095  
Option 3 ID : 67891314094  
Option 4 ID : 67891314093  
Status : Answered  
Chosen Option : 3

Q.6  
4 If in a certain language ANGRY is coded as BOHSZ, how is ASSIGN coded in that language?

- Ans
- 1. TJOBTH

- 2. JTTHOB
- 3. BTJOHT
- 4. BTTJHO

Question ID : 6789133531  
Option 1 ID : 67891314123  
Option 2 ID : 67891314124  
Option 3 ID : 67891314122  
Option 4 ID : 67891314121  
Status : Answered  
Chosen Option : 4

Q.6 A football team scored the following number of goals over 6 matches. Based on the following table, what is their average score in a game?

Games	Number of goals
Game1	2
Game2	1
Game3	0
Game4	4
Game5	3
Game6	2

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

Question ID : 6789133540  
Option 1 ID : 67891314158  
Option 2 ID : 67891314160  
Option 3 ID : 67891314157  
Option 4 ID : 67891314159  
Status : Answered  
Chosen Option : 2

Q.6 Four words have been given below of which three are alike in some way and one is different. Choose the odd one out.

- 6
- Ans
- 1. HDFC Bank
  - 2. ICICI Bank
  - 3. AXIS Bank
  - 4. SBI BANK

Question ID : 6789133527  
Option 1 ID : 67891314107  
Option 2 ID : 67891314105  
Option 3 ID : 67891314106  
Option 4 ID : 67891314108  
Status : Answered  
Chosen Option : 4

Q.6 Who is the Chairman of NABARD as of July 2018?

- 7
- Ans
- 1. Raghuram Rajan
  - 2. Dr. Harsh Kumar Bhanwala

- 3. Bibek Debroy
- 4. Subramanian Swamy

Question ID : 6789133599  
Option 1 ID : 67891314395  
Option 2 ID : 67891314394  
Option 3 ID : 67891314393  
Option 4 ID : 67891314396  
Status : Answered  
Chosen Option : 4

Q.6 Who among the following won the Best Actor award at the Indian Film Festival of Melbourne (IFFM), 2017?  
8

- Ans
- 1. Sushant Singh Rajput
  - 2. Shahid Kapoor
  - 3. Varun Dhawan
  - 4. Aamir Khan

Question ID : 6789133585  
Option 1 ID : 67891314340  
Option 2 ID : 67891314339  
Option 3 ID : 67891314338  
Option 4 ID : 67891314337  
Status : Answered  
Chosen Option : 1

Q.6 A certain household has consumed  $9 \times 10^8$  of energy in a month. How much energy is this in units?  
9

- Ans
- 1. 250 units
  - 2. 2500 units
  - 3. 25 units
  - 4. 0.25 units

Question ID : 6789133562  
Option 1 ID : 67891314246  
Option 2 ID : 67891314247  
Option 3 ID : 67891314245  
Option 4 ID : 67891314248  
Status : Answered  
Chosen Option : 1

Q.7 Who was the first captain of the Indian women's cricket team?  
0

- Ans
- 1. Harmanpreet Kaur
  - 2. Shantha Rangaswamy
  - 3. Jhulan Goswami
  - 4. Mithali Raj

Question ID : 6789133583  
Option 1 ID : 67891314331



Option 2 ID : 67891314329  
Option 3 ID : 67891314332  
Option 4 ID : 67891314330  
Status : Answered  
Chosen Option : 4

Q.7  
1 In triangle ABC, find the value of  $\tan^2 \frac{A}{2} + \tan^2 \frac{B}{2} + \tan^2 \frac{C}{2}$ .

- Ans
- 1.  $\leq 1$
  - 2.  $> 1$
  - 3.  $\geq 1$
  - 4.  $< 1$

Question ID : 6789133523  
Option 1 ID : 67891314092  
Option 2 ID : 67891314089  
Option 3 ID : 67891314091  
Option 4 ID : 67891314090  
Status : Answered  
Chosen Option : 3

Q.7  
2 Which of these is the softest mineral?

- Ans
- 1. Diamond
  - 2. Talc
  - 3. Toothpaste
  - 4. Marble

Question ID : 6789133596  
Option 1 ID : 67891314383  
Option 2 ID : 67891314382  
Option 3 ID : 67891314384  
Option 4 ID : 67891314381  
Status : Answered  
Chosen Option : 1

Q.7  
3 Which of the below is a connective tissue?

- Ans
- 1. Vascular bundles
  - 2. Bark of tissue
  - 3. Bone
  - 4. Skin

Question ID : 6789133577  
Option 1 ID : 67891314307  
Option 2 ID : 67891314306  
Option 3 ID : 67891314305  
Option 4 ID : 67891314308  
Status : Answered  
Chosen Option : 3

Q.7

4 Relative density is equals to:

Ans  1. density of a substance / density of oil.

2. density of a substance / density of water.

3.

density of a component of the substance / density of total substance.

4. density of a water / density of a substance.

Question ID : 6789133556

Option 1 ID : 67891314221

Option 2 ID : 67891314222

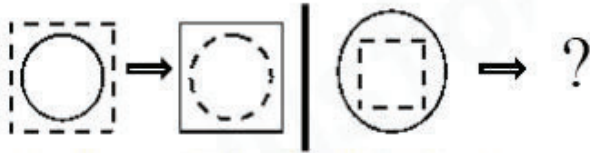
Option 3 ID : 67891314224

Option 4 ID : 67891314223

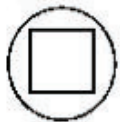
Status : Answered

Chosen Option : 2

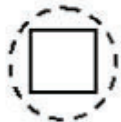
Q.7  
5



The correct picture that fits the blank space is:



A



B



C



D

Ans  1. A

2. C

3. B

4. D

Question ID : 6789133548

Option 1 ID : 67891314189

Option 2 ID : 67891314191

Option 3 ID : 67891314190

Option 4 ID : 67891314192

Status : Answered

Chosen Option : 3

Q.7  
6 Which is the second capital of Himachal Pradesh?

Ans  1. Dharamshala

2. Mandi

3. Solan

4. Chamba

Question ID : 6789133590

Option 1 ID : 67891314359

Option 2 ID : 67891314357

Option 3 ID : 67891314360

Option 4 ID : 67891314358  
Status : Not Answered  
Chosen Option : --

Q.7  
7 Find half the value of 'S':  
If  $S = 6 + [(16 - 4) \div (2^2 + 2)] - 2$

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

Question ID : 6789133503  
Option 1 ID : 67891314011  
Option 2 ID : 67891314012  
Option 3 ID : 67891314009  
Option 4 ID : 67891314010  
Status : Answered  
Chosen Option : 4

Q.7  
8 Out of 30 customers, 10 chose service 1 and 2, 15 chose service 2 and 3 and 10 chose service 1 and 3. 5 chose exactly one of the three services. How many chose all the three services?

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

Question ID : 6789133552  
Option 1 ID : 67891314206  
Option 2 ID : 67891314208  
Option 3 ID : 67891314207  
Option 4 ID : 67891314205  
Status : Answered  
Chosen Option : 2

Q.7  
9 The demonetised currency in India accounted for how much percentage of the country's total cash value?

- Ans
- 1. 95%
  - 2. 79%
  - 3. 86%
  - 4. 78%

Question ID : 6789133600  
Option 1 ID : 67891314397  
Option 2 ID : 67891314400  
Option 3 ID : 67891314398  
Option 4 ID : 67891314399  
Status : Not Answered  
Chosen Option : --

Q.8  
0 In 2017, what was the best world ranking secured by India according to the FIFA world ranking?

- Ans
- 1. 90<sup>th</sup>

2. 99<sup>th</sup>

3. 95<sup>th</sup>

4. 96<sup>th</sup>

Question ID : 6789133581

Option 1 ID : 67891314322

Option 2 ID : 67891314324

Option 3 ID : 67891314323

Option 4 ID : 67891314321

Status : Not Answered

Chosen Option : --

Q.8 The gravitational potential energy of an object at a point above the ground is defined as the work done in \_\_\_\_.

1

Ans  1. keeping it at the centre

2. applying gravitational force on it

3. raising it from the ground to that point against gravity

4. allowing it to stand on the ground against gravity

Question ID : 6789133560

Option 1 ID : 67891314238

Option 2 ID : 67891314240

Option 3 ID : 67891314237

Option 4 ID : 67891314239

Status : Answered

Chosen Option : 3

Q.8 Evaluate:

2

$$\frac{(469 + 174)^2 - (469 - 174)^2}{(469 \times 174)}$$

Ans  1. 2

2. -1

3. 1

4. 4

Question ID : 6789133502

Option 1 ID : 67891314006

Option 2 ID : 67891314008

Option 3 ID : 67891314005

Option 4 ID : 67891314007

Status : Answered

Chosen Option : 4

Q.8 Find the energy possessed by an object of mass 11 kg when it is at a height of 7 m above the ground. Given  $g=9.8 \text{ ms}^{-2}$

3

Ans  1. 528 J

2. 754.6 J

3. 588 J

4. 520 J

Question ID : 6789133561

Option 1 ID : 67891314241

Option 2 ID : 67891314243

Option 3 ID : 67891314242

Option 4 ID : 67891314244

Status : Answered

Chosen Option : 2

Q.8  
4 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

**Statements:**

- I. No metals are red.
- II. Some red are danger

**Conclusions:**

- 1. Some danger are metals.
- 2. Some red are metals.

Ans  1. Conclusion 2 alone follows.

2. Conclusion 1 alone follows.

3. Neither 1 nor 2 follows.

4. Both 1 and 2 follows.

Question ID : 6789133529

Option 1 ID : 67891314115

Option 2 ID : 67891314113

Option 3 ID : 67891314116

Option 4 ID : 67891314114

Status : Answered

Chosen Option : 3

Q.8  
5 A tank can be filled by two taps, A and B, in 12 hours and 16 hours, respectively. The full tank can be emptied by a third tap in 8 hours. If all the taps are turned on at the same time, then how much time is needed to fill the empty tank completely?

Ans  1. 16 hours

2. 40 hours

3. 48 hours

4. 24 hours

Question ID : 6789133519

Option 1 ID : 67891314074

Option 2 ID : 67891314076

Option 3 ID : 67891314075

Option 4 ID : 67891314073

Status : Answered

Chosen Option : 3

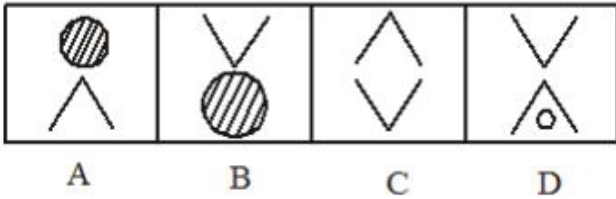
Q.8  
6

Identify the figure that will complete the given series.

**Problem figures:**



**Answer figures:**



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

Question ID : 6789133544

Option 1 ID : 67891314175

Option 2 ID : 67891314176

Option 3 ID : 67891314174

Option 4 ID : 67891314173

Status : Answered

Chosen Option : 3

Q.8 I-tsing, a Chinese traveller, stayed at \_\_\_\_\_ for three years and learned Sanskrit.

- Ans
- 1. Patliputra
  - 2. Tamralipti
  - 3. Bodh Gaya
  - 4. Nalanda

Question ID : 6789133595

Option 1 ID : 67891314378

Option 2 ID : 67891314379

Option 3 ID : 67891314380

Option 4 ID : 67891314377

Status : Not Answered

Chosen Option : --

Q.8 The ratio of the length and breadth of a rectangular farm is 4 : 3. If the area of the farm is  $1452 m^2$ , find the cost of fencing the boundary of the farm at the rate of ₹ 12 per meter.

- Ans
- 1. ₹ 1,868
  - 2. ₹ 1,845

3. ₹ 1,858

4. ₹ 1,848

Question ID : 6789133539

Option 1 ID : 67891314153

Option 2 ID : 67891314156

Option 3 ID : 67891314154

Option 4 ID : 67891314155

Status : Answered

Chosen Option : 4

**Q.8** At 9 am, a train starts from Station A towards Station B at 70 km per hour. After 2 hours, another train starts from Station B towards Station A at 20 km per hour. If the distance between the two stations is 320 km, then at what time do the trains meet?

**Ans** 1. 11 am

2. 1 am

3. 3 am

4. 2 am

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

Question ID : 6789133513

Option 1 ID : 67891314052

Option 2 ID : 67891314050

Option 3 ID : 67891314049

Option 4 ID : 67891314051

Status : Answered

Chosen Option : 2

**Q.9** Who was the first king of the Pala Dynasty?

**Ans**  1. Nandlala

2. Devapala

3. Madanapala

4. Gopala

Question ID : 6789133594

Option 1 ID : 67891314374

Option 2 ID : 67891314376

Option 3 ID : 67891314375

Option 4 ID : 67891314373

Status : Answered

Chosen Option : 4

**Q.9** Which of the following statements is/are true/false?

1

A. An ion is a charged particle and can be negatively or positively charged. A negatively charged ion is called an anion and a positively charged ion, a cation

B. An ion is a charged particle and can be negative or positively charged. A negatively charged ion is called a cation, and a positively charged ion, an anion.

**Ans**  1. A and B are both false

2. Only A is true

3. A and B are both true

**X** 4. Only B is true

Question ID : 6789133569

Option 1 ID : 67891314276

Option 2 ID : 67891314273

Option 3 ID : 67891314275

Option 4 ID : 67891314274

Status : Answered

Chosen Option : 2

**Q.9** The distance between two stations is 380 km. Two trains start simultaneously from these stations on parallel tracks to cross each other. The speed of one of them is greater than the other by 7 km/h. If the distance between the two trains after 2 hours of their start is 126 km, find the speed of each train.

**Ans** **X** 1. 75 km/h, 82 km/h

**X** 2. 58 km/h, 65 km/h

**✓** 3. 67 km/h, 60 km/h

**X** 4. 55 km/h, 62 km/h

Question ID : 6789133515

Option 1 ID : 67891314059

Option 2 ID : 67891314058

Option 3 ID : 67891314057

Option 4 ID : 67891314060

Status : Answered

Chosen Option : 3

**Q.9** Identify the odd one from the given group of figures.

**Ans**



Question ID : 6789133545

Option 1 ID : 67891314179

Option 2 ID : 67891314177

Option 3 ID : 67891314180

Option 4 ID : 67891314178

Status : Answered

Chosen Option : 3

**Q.9** The mean of three numbers was 15, the range of the data was 9. The difference between the largest and the middle number was twice that between that middle number and the least one. the largest of the three numbers was



- Ans  1. 19  
 2. 22  
 3. 21  
 4. 20

Question ID : 6789133521  
Option 1 ID : 67891314081  
Option 2 ID : 67891314084  
Option 3 ID : 67891314083  
Option 4 ID : 67891314082  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.9 Which of the following Indian State Political parties is led by N. Chandra Babu Naidu?

5

- Ans  1. All India Forward Bloc  
 2. Telugu Desam Party  
 3. Aam Aadmi Party  
 4. Asom Gana Parishad

Question ID : 6789133592  
Option 1 ID : 67891314367  
Option 2 ID : 67891314368  
Option 3 ID : 67891314366  
Option 4 ID : 67891314365  
Status : Answered  
Chosen Option : 2

Q.9 The relation between the focal length and radius of curvature of a mirror is:

6

- Ans  1.  $f = 2R$   
 2.  $R = f$   
 3.  $R = 2f$   
 4.  $R = f/2$

Question ID : 6789133564  
Option 1 ID : 67891314253  
Option 2 ID : 67891314256  
Option 3 ID : 67891314254  
Option 4 ID : 67891314255  
Status : Answered  
Chosen Option : 3

Q.9 రెండు పాయింట్ల మధ్య దూరం పైకి ముందు లెగ్జ్ 72 కి.మీ / గం వేగంతో మరియు తిరిగి లెగ్జ్ 54 కిలోమీటర్ల వేగంతో కప్పబడి ఉంటుంది. మొత్తం సమయం తీసుకున్నట్లయితే 7 గంటలు ఉంటే, రెండు పాయింట్ల మధ్య ఒక మార్గం దూరం ఎంత?

7

- Ans  1. 180 కిలోమీటర్  
 2. 324 కిలోమీటర్  
 3. 216 కిలోమీటర్  
 4. 189 కిలోమీటర్

Question ID : 6789133514

Option 1 ID : 67891314053

Option 2 ID : 67891314056

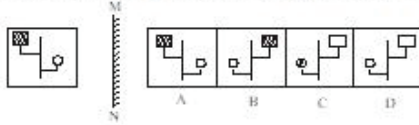
Option 3 ID : 67891314054

Option 4 ID : 67891314055

Status : Answered

Chosen Option : 3

Q.9 Choose the mirror image for the following figure:



Ans  1. D

2. A

3. B

4. C

Question ID : 6789133555

Option 1 ID : 67891314220

Option 2 ID : 67891314217

Option 3 ID : 67891314218

Option 4 ID : 67891314219

Status : Answered

Chosen Option : 3

Q.9 \_\_\_\_\_ is the capital of Jharkhand.

Ans  1. Simdega

2. Ranchi

3. Hattiya

4. Patna

Question ID : 6789133597

Option 1 ID : 67891314388

Option 2 ID : 67891314387

Option 3 ID : 67891314385

Option 4 ID : 67891314386

Status : Answered

Chosen Option : 2

Q.1 At the time of marriage, a man was 6 years older than his wife. But after 12 years of marriage, his age is 1.2 times that of his wife. What were their ages at the time of their marriage?

Ans  1. 24 years, 18 years

2. 27 years, 18 years

3. 21 years, 18 years

4. 23 years, 19 years

Question ID : 6789133517

Option 1 ID : 67891314065

Option 2 ID : 67891314067

Option 3 ID : 67891314068

Option 4 ID : 67891314066

Status : **Answered**

Chosen Option : 1



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