



# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

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

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Test Date:	02/11/2018
Test Time:	4:00 PM - 5:30 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 In 1791, Jonathan Duncan, the East India Company's resident, started a \_\_\_\_\_ college for the study of Hindu law and philosophy.

- Ans
- 1. Hindi
  - 2. Sanskrit
  - 3. Tamil
  - 4. English

Question ID : 3026161294

Option 1 ID : 3026165174

Option 2 ID : 3026165173

Option 3 ID : 3026165175

Option 4 ID : 3026165176

Status : **Marked For Review**

Chosen Option : 1

Q.2 The word "Agricultural Shot" is associated with which sport?

- Ans
- 1. Football
  - 2. Squash
  - 3. Hockey
  - 4. Cricket

Question ID : 3026161282

Option 1 ID : 3026165126

Option 2 ID : 3026165127

Option 3 ID : 3026165125

Option 4 ID : 3026165128

Status : **Answered**

Chosen Option : 3

Q.3 The secretion from the prostate gland enters into the:

Ans

- 1. Kidney
- 2. Ureter
- 3. Testis
- 4. Urethra

Question ID : 3026161280  
Option 1 ID : 3026165119  
Option 2 ID : 3026165117  
Option 3 ID : 3026165120  
Option 4 ID : 3026165118  
Status : Not Answered  
Chosen Option : --

Q.4 If  $\tan \theta = \frac{4}{3}$ , find the value of  $\sin \theta + \cos \theta$  (both  $\sin \theta$  and  $\cos \theta$  are positive).

- Ans
- 1.  $2\frac{1}{3}$
  - 2.  $1\frac{2}{5}$
  - 3. 7
  - 4. 1

Question ID : 3026161224  
Option 1 ID : 3026164896  
Option 2 ID : 3026164893  
Option 3 ID : 3026164894  
Option 4 ID : 3026164895  
Status : Answered  
Chosen Option : 2

Q.5 If force (F) and acceleration (a) are given, then the formula to find mass (m) of the object is \_\_\_\_\_.

- Ans
- 1.  $a/F$
  - 2.  $F \times a$
  - 3.  $F - a$
  - 4.  $F/a$

Question ID : 3026161257  
Option 1 ID : 3026165025  
Option 2 ID : 3026165028  
Option 3 ID : 3026165027  
Option 4 ID : 3026165026  
Status : Answered  
Chosen Option : 4

Q.6 Dalton's law of partial pressures is applicable to which one of the following systems?

- Ans
- 1.  $\text{NO} + \text{O}_2$
  - 2.  $\text{CO} + \text{H}_2$
  - 3.  $\text{NH}_3 + \text{HCl}$
  - 4.  $\text{H}_2 + \text{Cl}_2$

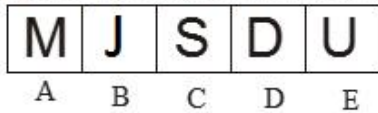
Question ID : 3026161267  
Option 1 ID : 3026165067  
Option 2 ID : 3026165065  
Option 3 ID : 3026165068  
Option 4 ID : 3026165066  
Status : Not Answered  
Chosen Option : --

Q.7 Nathan's yearly income is ₹ 15,00,000 and each month he pays an EMI of ₹ 40,000 for his vehicle. What percentage of his monthly salary goes towards the EMI?

- Ans
- 1. 28%
  - 2. 24%
  - 3. 32%
  - 4. 20%

Question ID : 3026161242  
Option 1 ID : 3026164967  
Option 2 ID : 3026164965  
Option 3 ID : 3026164966  
Option 4 ID : 3026164968  
Status : Answered  
Chosen Option : 3

Q.8 Choose the figure which is different from the others.



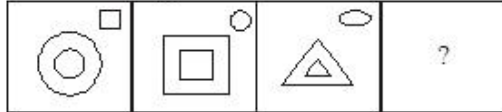
- Ans
- 1. C
  - 2. A
  - 3. E
  - 4. B

Question ID : 3026161247  
Option 1 ID : 3026164987  
Option 2 ID : 3026164985  
Option 3 ID : 3026164988  
Option 4 ID : 3026164986  
Status : Not Answered  
Chosen Option : --

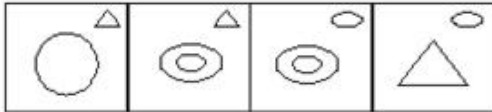
Q.9

Find the next figure in the given series.

**Problem figures:**



**Answer figures:**



A B C D

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

Question ID : 3026161248  
Option 1 ID : 3026164992  
Option 2 ID : 3026164991  
Option 3 ID : 3026164990  
Option 4 ID : 3026164989  
Status : Answered  
Chosen Option : 3

Q.1  
0 Which of the following examples illustrates Newton's third law of motion?

- Ans
- 1. Launching of a rocket.
  - 2. When we stop pedalling, the bicycle begins to slow down.
  - 3.

When a bus starts suddenly, the passengers receive a backward jerk.

- 4.
- While catching a fast moving cricket ball, the fielder gradually pulls his hand backwards with the moving ball.

Question ID : 3026161259  
Option 1 ID : 3026165035  
Option 2 ID : 3026165036  
Option 3 ID : 3026165033  
Option 4 ID : 3026165034  
Status : Answered  
Chosen Option : 4

Q.1  
1 V is the daughter of K and M. M is the son of V's grandfather? Who is K to V?

- Ans
- 1. Cousin
  - 2. Mother
  - 3. Sister
  - 4. Niece

Question ID : 3026161227

Option 1 ID : 3026164906

Option 2 ID : 3026164908

Option 3 ID : 3026164907

Option 4 ID : 3026164905

Status : Answered

Chosen Option : 2

Q.1 Mohinder sold a pair of trousers at a loss of 11%. If he had paid ₹ 300 for the pair, how much did he sell them for?

2

Ans  1. ₹ 289

2. ₹ 267

3. ₹ 333

4. ₹ 271

Question ID : 3026161209

Option 1 ID : 3026164834

Option 2 ID : 3026164835

Option 3 ID : 3026164833

Option 4 ID : 3026164836

Status : Answered

Chosen Option : 2

Q.1 For what value of 'x' will the mean of the following numbers be 12.25?

3

8, 11, 6, 14, 10, 23, 19, x

Ans  1. 12

2. 13

3. 8

4. 7

Question ID : 3026161222

Option 1 ID : 3026164888

Option 2 ID : 3026164887

Option 3 ID : 3026164886

Option 4 ID : 3026164885

Status : Not Answered

Chosen Option : --

Q.1 The group which is water repelling is called:

4

Ans  1. Micelles

2. Hydrophilic

3. Denatured alcohol

4. Hydrophobic

Question ID : 3026161273

Option 1 ID : 3026165091

Option 2 ID : 3026165090

Option 3 ID : 3026165092

Option 4 ID : 3026165089

Status : Answered

Q.1  
5 According to the Public Affairs Index 2018, which is the best-governed state in India?

- Ans
- 1. Bihar
  - 2. Uttar Pradesh
  - 3. Kerala
  - 4. Madhya Pradesh

Question ID : 3026161292  
 Option 1 ID : 3026165165  
 Option 2 ID : 3026165168  
 Option 3 ID : 3026165166  
 Option 4 ID : 3026165167  
 Status : Answered  
 Chosen Option : 3

Q.1  
6 Find the missing word in the below series:  
 STAR: ASRT:: MARS: \_\_\_\_\_

- Ans
- 1. SARM
  - 2. SMRA
  - 3. RMSA
  - 4. RSMA

Question ID : 3026161231  
 Option 1 ID : 3026164924  
 Option 2 ID : 3026164923  
 Option 3 ID : 3026164922  
 Option 4 ID : 3026164921  
 Status : Answered  
 Chosen Option : 3

Q.1  
7 Two groups of women and men signed a work. Group A with 4 men and 6 women can complete the work in 8 days; while group B with 3 men and 7 women can complete the same work in 10 days. In how many days will 10 women complete the same work?

- Ans
- 1. 35
  - 2. 50
  - 3. 45
  - 4. 40

Question ID : 3026161239  
 Option 1 ID : 3026164953  
 Option 2 ID : 3026164956  
 Option 3 ID : 3026164955  
 Option 4 ID : 3026164954  
 Status : Not Answered  
 Chosen Option : --

Q.1  
8 एक पर्स में मौजूद पैसों में से  $\frac{1}{5}$  बाहर निकालने के बाद, शेष बचे पैसों का  $\frac{1}{12}$ वाँ भाग ₹ 7.40 है। आरंभ में पर्स में कितनी राशि थी?

- Ans
- 1. ₹ 109

✓ 2. ₹ 111

✗ 3. ₹ 105

✗ 4. ₹ 101

Question ID : 3026161202

Option 1 ID : 3026164807

Option 2 ID : 3026164805

Option 3 ID : 3026164808

Option 4 ID : 3026164806

Status : Answered

Chosen Option : 4

Q.1 \_\_\_\_\_ was the Diwan of Travancore, who led a rebellion in 1808 and was publicly hanged.

Ans ✗ 1. Queen Chennamma

✗ 2. Sir Thomas Munro

✗ 3. Veera Pandya

✓ 4. Velu Thampi

Question ID : 3026161295

Option 1 ID : 3026165177

Option 2 ID : 3026165178

Option 3 ID : 3026165180

Option 4 ID : 3026165179

Status : Answered

Chosen Option : 2

Q.2 Two pipes can fill a cistern in 10 and 12 hours respectively, while a third pipe can drain the filled cistern completely in 9 hours. If the three pipes are switched on simultaneously, how many hours will it take to fill the empty cistern?

Ans 1. 40.5

2. 37.4

3. 42

4. 41.5

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

Question ID : 3026161220

Option 1 ID : 3026164880

Option 2 ID : 3026164877

Option 3 ID : 3026164879

Option 4 ID : 3026164878

Status : Not Answered

Chosen Option : --

Q.2 Sudha and Radha were playing chess in the standard chess seating arrangement. Sudha notices that the hours hand at 6 pm in her watch was pointing towards the north-east. Then what would be the direction of the hours hand in Radha's watch?

Ans ✗ 1. West

✗ 2. North-west

✗ 3. South

✓ 4. South-west

Question ID : 3026161253  
Option 1 ID : 3026165010  
Option 2 ID : 3026165012  
Option 3 ID : 3026165009  
Option 4 ID : 3026165011  
Status : Answered  
Chosen Option : 1

Q.2 Read the given question and decide which of the following statements is/are sufficient to answer the question.

2

Question:

Four sticks, L, R, P and T, are arranged according to descending order of their heights and labelled 1 to 4. Which stick is placed in the second position?

Statements:

1. T is longer than L and L is longer than P and R.
2. L is a wooden stick and all others are plastic ones.

- Ans
- 1. Statement 1 alone is sufficient.
  - 2. Statement 2 alone is sufficient.
  - 3. Statements 1 and 2 together are sufficient.
  - 4. Statements 1 and 2 together are insufficient.

Question ID : 3026161240  
Option 1 ID : 3026164957  
Option 2 ID : 3026164959  
Option 3 ID : 3026164958  
Option 4 ID : 3026164960  
Status : Answered  
Chosen Option : 1

Q.2 If ₹ 154 is divided in the ratio of 7 : 4, the smaller share will be equal to ₹ \_\_\_\_.

3

- Ans
- 1. 56
  - 2. 44
  - 3. 98
  - 4. 88

Question ID : 3026161210  
Option 1 ID : 3026164838  
Option 2 ID : 3026164839  
Option 3 ID : 3026164837  
Option 4 ID : 3026164840  
Status : Answered  
Chosen Option : 1

Q.2 A tap can fill the tank in 25 minutes and the other can empty the tank in 50 minutes. If both the taps are opened simultaneously, then the tank will be filled in \_\_\_\_\_ minutes.

4

- Ans
- 1. 55
  - 2. 45
  - 3. 50
  - 4. 20

Question ID : 3026161217  
Option 1 ID : 3026164865  
Option 2 ID : 3026164866



Option 3 ID : 3026164867  
Option 4 ID : 3026164868  
Status : Answered  
Chosen Option : 3

Q.2  
5 India is just \_\_\_\_\_ degrees North of the Equator.

- Ans
- 1. 10
  - 2. 7
  - 3. 8
  - 4. 6

Question ID : 3026161297  
Option 1 ID : 3026165185  
Option 2 ID : 3026165188  
Option 3 ID : 3026165186  
Option 4 ID : 3026165187  
Status : Marked For Review  
Chosen Option : 3

Q.2  
6 If  $\frac{1}{3.718} = 0.2689$  , then find value of  $\frac{1}{0.0003718}$

- Ans
- 1. 266.9
  - 2. 268.0
  - 3. 2589.9
  - 4. 2689.6

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

Question ID : 3026161205  
Option 1 ID : 3026164818  
Option 2 ID : 3026164817  
Option 3 ID : 3026164819  
Option 4 ID : 3026164820  
Status : Answered  
Chosen Option : 4

Q.2  
7 A proton possesses a positive charge of :

- Ans
- 1.  $1.6 \times 10^{+19}C$
  - 2.  $1.6 \times 10^{-19}C$
  - 3.  $1.6 \times 10^{-18}C$
  - 4.  $1.6 \times 10^{+18}C$

Question ID : 3026161265  
Option 1 ID : 3026165060  
Option 2 ID : 3026165058  
Option 3 ID : 3026165057  
Option 4 ID : 3026165059  
Status : Answered  
Chosen Option : 1

Q.2  
8 In decimal system,  $\frac{73}{8}$  may be represented as:

- Ans
- 1. 9.120
  - 2. 9.125
  - 3. 8.125
  - 4. 9.100

Question ID : 3026161203  
Option 1 ID : 3026164812  
Option 2 ID : 3026164809  
Option 3 ID : 3026164811  
Option 4 ID : 3026164810  
Status : Answered  
Chosen Option : 2

Q.2  
9 Find the next term in the given series.  
26, 30, 36, 44, \_\_

- Ans
- 1. 54
  - 2. 56
  - 3. 58
  - 4. 50

Question ID : 3026161238  
Option 1 ID : 3026164952  
Option 2 ID : 3026164949  
Option 3 ID : 3026164950  
Option 4 ID : 3026164951  
Status : Answered  
Chosen Option : 1

Q.3  
0 Sound waves in air are \_\_\_\_\_.

- Ans
- 1. transverse
  - 2. amplified
  - 3. longitudinal
  - 4. lengthy

Question ID : 3026161263  
Option 1 ID : 3026165049  
Option 2 ID : 3026165052  
Option 3 ID : 3026165050  
Option 4 ID : 3026165051  
Status : Answered  
Chosen Option : 1

Q.3  
1 Pavani and Rajitha were walking in the opposite direction. If Pavani was walking towards the north-west, then in which direction was Rajitha walking towards?

- Ans
- 1. North-east
  - 2. North-west
  - 3. South-west

✓ 4. South-east

Question ID : 3026161245  
Option 1 ID : 3026164979  
Option 2 ID : 3026164980  
Option 3 ID : 3026164978  
Option 4 ID : 3026164977  
Status : Answered  
Chosen Option : 4

Q.3 An electric bulb of 60 W is used for 6 h per day. Calculate the 'units' of energy consumed in one day by the bulb.

2

- Ans
- ✗ 1. 3.6 units
  - ✓ 2. 0.36 units
  - ✗ 3. 36 units
  - ✗ 4. 0.036 units

Question ID : 3026161261  
Option 1 ID : 3026165041  
Option 2 ID : 3026165042  
Option 3 ID : 3026165043  
Option 4 ID : 3026165044  
Status : Answered  
Chosen Option : 2

Q.3 A clock takes 9 seconds to strike 6. At the same rate, how long would it take for it to strike 10?

3

- Ans
- ✗ 1. 10 seconds
  - ✓ 2. 15 seconds
  - ✗ 3. 6.67 seconds
  - ✗ 4. 12 seconds

Question ID : 3026161218  
Option 1 ID : 3026164870  
Option 2 ID : 3026164872  
Option 3 ID : 3026164869  
Option 4 ID : 3026164871  
Status : Answered  
Chosen Option : 2

Q.3 Solve the below equation.

4

$$5 + 5.55 + 55.5 + 5.05 + 555 + 6.55 = ?$$

- Ans
- ✗ 1. 631.55
  - ✗ 2. 632.55
  - ✓ 3. 632.65
  - ✗ 4. 631.65

Question ID : 3026161204  
Option 1 ID : 3026164816  
Option 2 ID : 3026164815  
Option 3 ID : 3026164813  
Option 4 ID : 3026164814

Status : **Answered**  
Chosen Option : **3**

Q.3 The product of two numbers is 76800 and their LCM is 960. The HCF of the two numbers is:  
5

- Ans
- 1. 160
  - 2. 120
  - 3. 40
  - 4. 80

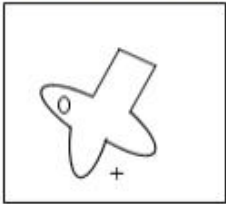
Question ID : **3026161206**  
Option 1 ID : **3026164821**  
Option 2 ID : **3026164823**  
Option 3 ID : **3026164824**  
Option 4 ID : **3026164822**  
Status : **Answered**  
Chosen Option : **4**

Q.3 केंद्रीय स्वास्थ्य मंत्रालय ने हाल ही में 'लक्ष्य' नामक एक चिकित्सा निगरानी योजना शुरू करने की घोषणा की है। यह  
6 योजना स्वास्थ्य देखभाल के किस पहलू को सुधारने पर केंद्रित है?

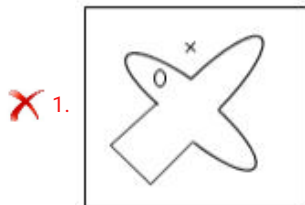
- Ans
- 1. बाल चिकित्सा देखभाल
  - 2. मातृत्व और प्रसूति कक्ष देखभाल
  - 3. कैंसर की देखभाल
  - 4. वृद्धों की देखभाल

Question ID : **3026161293**  
Option 1 ID : **3026165169**  
Option 2 ID : **3026165170**  
Option 3 ID : **3026165172**  
Option 4 ID : **3026165171**  
Status : **Answered**  
Chosen Option : **2**

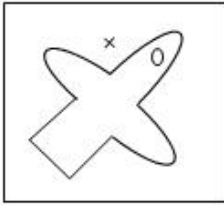
Q.3 Find the mirror image of the following figure.  
7



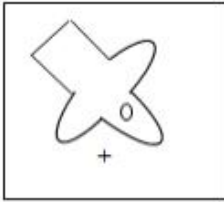
Ans



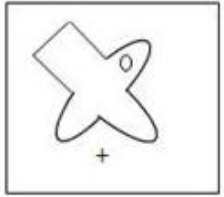
✗ 2.



✗ 3.



✓ 4.



Question ID : 3026161244

Option 1 ID : 3026164976

Option 2 ID : 3026164975

Option 3 ID : 3026164973

Option 4 ID : 3026164974

Status : Answered

Chosen Option : 4

Q.3 Which of the following is a 2017 Hindi/English Indian socio-political documentary about the rise of anti-corruption protests in India, and the formation and rise to power of the Aam Aadmi Party?

8 Ans ✗ 1. My Hero Brother

✗ 2. India in a Day

✓ 3. An Insignificant Man

✗ 4. Ordinary Heroes

Question ID : 3026161285

Option 1 ID : 3026165139

Option 2 ID : 3026165138

Option 3 ID : 3026165137

Option 4 ID : 3026165140

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.3 In the context of Indian economy, which of the following is a subject under the secondary sector?

9 Ans ✗ 1. Agriculture

✗ 2. Health

✓ 3. Industries

✗ 4. Banking

Question ID : 3026161298

Option 1 ID : 3026165189

Option 2 ID : 3026165191  
Option 3 ID : 3026165190  
Option 4 ID : 3026165192  
Status : Answered  
Chosen Option : 4

Q.4  
0 Which of the following films was selected as the 'Best Film on Social Issues' at the 64<sup>th</sup> National Film Awards?

- Ans
- 1. Ventilator
  - 2. Pulimurugan
  - 3. Rustom
  - 4. Pink

Question ID : 3026161286  
Option 1 ID : 3026165141  
Option 2 ID : 3026165142  
Option 3 ID : 3026165143  
Option 4 ID : 3026165144  
Status : Not Answered  
Chosen Option : --

Q.4  
1 Solve:

$$\sqrt{4225} - \sqrt{1225} + 6 = ?$$

- Ans
- 1.  $\sqrt{1320}$
  - 2.  $\sqrt{1248}$
  - 3.  $\sqrt{1296}$
  - 4.  $\sqrt{1290}$

Question ID : 3026161201  
Option 1 ID : 3026164803  
Option 2 ID : 3026164804  
Option 3 ID : 3026164802  
Option 4 ID : 3026164801  
Status : Answered  
Chosen Option : 3

Q.4  
2 If a, b, c and d are positive integers with  $a \times b \times c = 200$ ,  $b \times c \times d = 90$ ,  $c \times d \times a = 54$  and  $d \times a \times b = 48$ , the value of  $a \times b \times c \times d$  is:

- Ans
- 1. 150
  - 2. 360
  - 3. 240
  - 4. 420

Question ID : 3026161223  
Option 1 ID : 3026164890  
Option 2 ID : 3026164891  
Option 3 ID : 3026164889  
Option 4 ID : 3026164892  
Status : Not Answered

Chosen Option : --

Q.4  
3 In a group of girls, 22 play tennis, 20 play badminton and 10 play cricket. 5 play all the three games. 8 play at least two of the games. How many play exactly one game?

- Ans
- 1. 31
  - 2. 40
  - 3. 45
  - 4. 38

Question ID : 3026161252

Option 1 ID : 3026165006

Option 2 ID : 3026165008

Option 3 ID : 3026165007

Option 4 ID : 3026165005

Status : Not Answered

Chosen Option : --

Q.4  
4 As of 2018, who is the president and founder of the Nationalist Congress Party in India?

- Ans
- 1. Sitaram Yechury
  - 2. Suravaram Sudhakar Reddy
  - 3. Amit Shah
  - 4. Sharad Pawar

Question ID : 3026161290

Option 1 ID : 3026165159

Option 2 ID : 3026165157

Option 3 ID : 3026165158

Option 4 ID : 3026165160

Status : Answered

Chosen Option : 4

Q.4  
5 Which one of the following is the commercial unit of energy?

- Ans
- 1. Whm
  - 2. khm
  - 3. kWm
  - 4. kWh

Question ID : 3026161262

Option 1 ID : 3026165046

Option 2 ID : 3026165048

Option 3 ID : 3026165045

Option 4 ID : 3026165047

Status : Answered

Chosen Option : 4

Q.4  
6

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

**Question:**

What is the code for 'Let'?

**Statements:**

1. 'Let's hear him' is coded as 'La's hylh im'.
2. 'Let us go' is coded as 'La e ge'.

- Ans
- 1. Statement 1 alone is sufficient.
  - 2. Neither statement 1 nor 2 is sufficient.
  - 3. Statements 1 and 2 together are sufficient.
  - 4. Statement 2 alone is sufficient.

Question ID : 3026161241  
Option 1 ID : 3026164962  
Option 2 ID : 3026164964  
Option 3 ID : 3026164961  
Option 4 ID : 3026164963  
Status : Answered  
Chosen Option : 3

Q.4  
7 Find the value of  $\sin 12^\circ \times \cos 18^\circ \times \sec 78^\circ \times \operatorname{cosec} 72^\circ$ .

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

Question ID : 3026161221  
Option 1 ID : 3026164883  
Option 2 ID : 3026164882  
Option 3 ID : 3026164881  
Option 4 ID : 3026164884  
Status : Answered  
Chosen Option : 4

Q.4  
8 There are \_\_\_\_\_ gold fields in India.

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

Question ID : 3026161296  
Option 1 ID : 3026165184  
Option 2 ID : 3026165181  
Option 3 ID : 3026165183  
Option 4 ID : 3026165182  
Status : Not Answered  
Chosen Option : --

Q.4  
9 The formula of calcium hydroxide is \_\_\_\_\_.



- Ans  1.  $\text{Ca}(\text{OH})_3$   
 2.  $\text{Ca}(\text{OH})_2$   
 3.  $\text{CaOH}$   
 4.  $\text{Ca}_2\text{OH}$

Question ID : 3026161268  
Option 1 ID : 3026165072  
Option 2 ID : 3026165070  
Option 3 ID : 3026165069  
Option 4 ID : 3026165071  
Status : Answered  
Chosen Option : 2

Q.5 \_\_\_\_\_ was the 2017 Arjuna Award winner in the category of Archery.

- Ans  1. SV Sunil  
 2. Debendro Singh  
 3. VJ Surekha  
 4. Jasvir Singh

Question ID : 3026161281  
Option 1 ID : 3026165123  
Option 2 ID : 3026165122  
Option 3 ID : 3026165121  
Option 4 ID : 3026165124  
Status : Not Answered  
Chosen Option : --

Q.5 There are six people L, M, N, O, P and Q, in a house. N is the sister of Q. M is the brother of P's husband. O is the father of L and grandfather of Q. There are two fathers, one mother and three brothers in the group. Who is P's husband?

- Ans  1. M  
 2. N  
 3. O  
 4. L

Question ID : 3026161228  
Option 1 ID : 3026164911  
Option 2 ID : 3026164909  
Option 3 ID : 3026164912  
Option 4 ID : 3026164910  
Status : Answered  
Chosen Option : 4

Q.5 In a certain code, CLOCK is written as BMNDJ. How will WHEEL be written in that code?

- Ans  1. IDFVJ  
 2. VIKDJ  
 3. VIDFK  
 4. JKVIF

Question ID : 3026161229  
Option 1 ID : 3026164914  
Option 2 ID : 3026164913  
Option 3 ID : 3026164916  
Option 4 ID : 3026164915  
Status : Answered  
Chosen Option : 3

Q.5  
3 Solids, liquids and gases diffuse into liquids. Which of these is true about diffusion?

Ans  1.

The rate of diffusion in liquids is higher than that of solids or gases.

2.

The rate of diffusion in gases is lower than that of liquids or solids.

3.

The rate of diffusion in solids is higher than that of liquids or gases.

4.

The rate of diffusion in gases is higher than that of liquids or solids.

Question ID : 3026161269  
Option 1 ID : 3026165075  
Option 2 ID : 3026165076  
Option 3 ID : 3026165073  
Option 4 ID : 3026165074  
Status : Answered  
Chosen Option : 4

Q.5  
4 Read the given statement and courses of action carefully and select which of the following courses of action logically follow(s) from the statement.

Statement:

Many of the young students refuse to join the defence forces due to the lack of an attractive career.

Courses of action:

1. The government should make the defence forces career attractive.
2. Civilian jobs should be cut so that many join defence.

Ans  1. Neither 1 nor 2 follows.

2. Only 2 follows.

3. Only 1 follows.

4. Both 1 and 2 follow.

Question ID : 3026161233  
Option 1 ID : 3026164932  
Option 2 ID : 3026164930  
Option 3 ID : 3026164929  
Option 4 ID : 3026164931  
Status : Answered  
Chosen Option : 3

Q.5  
5 Which of the following elements has the electronic configuration 2,8,3?

Ans  1. Argon

2. Magnesium

3. Aluminium

**X** 4. Sodium

Question ID : 3026161272  
Option 1 ID : 3026165085  
Option 2 ID : 3026165087  
Option 3 ID : 3026165088  
Option 4 ID : 3026165086  
Status : Answered  
Chosen Option : 3

Q.5  
6 If we increase the area for a given force, we spread it out causing pressure (force per unit area) to:

- Ans
- X** 1. Remain unchanged
  - X** 2. Become zero
  - ✓** 3. Become smaller
  - X** 4. Become larger

Question ID : 3026161256  
Option 1 ID : 3026165023  
Option 2 ID : 3026165024  
Option 3 ID : 3026165022  
Option 4 ID : 3026165021  
Status : Answered  
Chosen Option : 1

Q.5  
7 A, B and C can complete a task in 8, 9 and 12 days, respectively, working alone. C starts doing the task alone, and after a day, B joins him. 3 days after starting the work, A also joins them. Find the number of days in total in which the task will be completed.

- Ans
- X** 1.  $3\frac{7}{29}$
  - ✓** 2.  $4\frac{15}{23}$
  - X** 3.  $1\frac{6}{23}$
  - X** 4.  $3\frac{23}{29}$

Question ID : 3026161215  
Option 1 ID : 3026164857  
Option 2 ID : 3026164859  
Option 3 ID : 3026164858  
Option 4 ID : 3026164860  
Status : Answered  
Chosen Option : 1

Q.5  
8 Which of the below is not the equation of uniform accelerated motion?

- Ans
- ✓** 1.  $v - u = a + t$
  - X** 2.  $V^2 - u^2 = 2as$
  - X** 3.  $V = u + at$

$\times$  4.  $S = ut + \frac{1}{2}at^2$

Question ID : 3026161258

Option 1 ID : 3026165030

Option 2 ID : 3026165029

Option 3 ID : 3026165032

Option 4 ID : 3026165031

Status : Answered

Chosen Option : 1

Q.5  
9 Who was the winner of 2014 FIFA World Cup?

- Ans  $\times$  1. Brazil  
 $\times$  2. Argentina  
 $\times$  3. France  
 $\checkmark$  4. Germany

Question ID : 3026161283

Option 1 ID : 3026165131

Option 2 ID : 3026165132

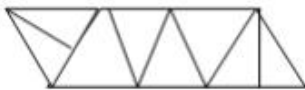
Option 3 ID : 3026165130

Option 4 ID : 3026165129

Status : Not Attempted and Marked For Review

Chosen Option : --

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



- Ans 1. 14  
2. 8  
3. 10  
4. 6

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

Question ID : 3026161251

Option 1 ID : 3026165002

Option 2 ID : 3026165003

Option 3 ID : 3026165001

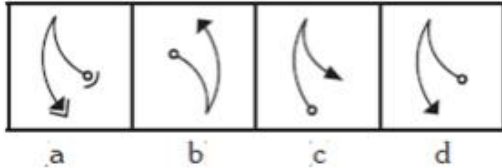
Option 4 ID : 3026165004

Status : Answered

Chosen Option : 3

Q.6  
1

Select the water image of the given figure.



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

Question ID : 3026161249  
Option 1 ID : 3026164993  
Option 2 ID : 3026164996  
Option 3 ID : 3026164994  
Option 4 ID : 3026164995  
Status : Answered  
Chosen Option : 2

Q.6 Sachin and Anjali were talking to each other face to face in the evening. If Anjali's shadow was exactly to the left of Sachin, which direction was Sachin facing?

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

Question ID : 3026161255  
Option 1 ID : 3026165019  
Option 2 ID : 3026165017  
Option 3 ID : 3026165020  
Option 4 ID : 3026165018  
Status : Answered  
Chosen Option : 3

Q.6 You are given a question and two statements. Identify which of the statements is/are sufficient to answer the question.

3 Question:  
Find the total number of chairs in a room.  
Statement:  
1) The room has chairs equal to double the number of stools.  
2) There are 12 stools in the room.

- Ans  1. Either 1 or 2 is sufficient  
 2. Both 1 and 2 are sufficient  
 3. Only 2 is sufficient  
 4. Only 1 is sufficient

Question ID : 3026161243  
Option 1 ID : 3026164971  
Option 2 ID : 3026164972

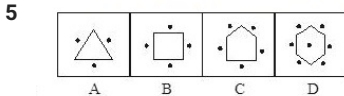
Option 3 ID : 3026164970  
Option 4 ID : 3026164969  
Status : Answered  
Chosen Option : 2

**Q.6** In a school, the number of students in Grades 6, 7 and 8 were 184, 276 and 322 respectively. If every grade was divided in sections and every section had the same number of students, what was the maximum number of students that could be there in each section?

- Ans**
- 1. 46
  - 2. 92
  - 3. 23
  - 4. 69

Question ID : 3026161207  
Option 1 ID : 3026164827  
Option 2 ID : 3026164828  
Option 3 ID : 3026164825  
Option 4 ID : 3026164826  
Status : Answered  
Chosen Option : 1

**Q.6** Out of the four given figures, three are similar in a certain manner. However, one figure is NOT like the other three.



Select the figure which is different from the rest.

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

Question ID : 3026161246  
Option 1 ID : 3026164982  
Option 2 ID : 3026164983  
Option 3 ID : 3026164981  
Option 4 ID : 3026164984  
Status : Answered  
Chosen Option : 4

**Q.6** Given below is 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.

**6**  
**Statement:**

I like to repair bikes. I want to become a mechanical engineer.

**Assumptions:**

I) I am a mechanical engineer.

II) I used to repair bikes.

- Ans**
- 1. Only assumption I is implicit
  - 2. Either assumption I or II is implicit
  - 3. Only assumption II is implicit
  - 4. Both assumptions I and II are implicit

Question ID : 3026161235  
Option 1 ID : 3026164937  
Option 2 ID : 3026164940

Option 3 ID : 3026164938  
Option 4 ID : 3026164939  
Status : Answered  
Chosen Option : 3

Q.6  
7 Who painted the famous portrait of The Last Supper?

- Ans
- 1. Monet
  - 2. Michelangelo
  - 3. Mozart
  - 4. Leonardo Da Vinci

Question ID : 3026161284  
Option 1 ID : 3026165133  
Option 2 ID : 3026165134  
Option 3 ID : 3026165136  
Option 4 ID : 3026165135  
Status : Answered  
Chosen Option : 4

Q.6  
8 Find the ratio in which the line  $4x + y = 13$  divides the line segment joined by the two points (1,6) and (6,1).

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

Question ID : 3026161225  
Option 1 ID : 3026164900  
Option 2 ID : 3026164898  
Option 3 ID : 3026164899  
Option 4 ID : 3026164897  
Status : Answered  
Chosen Option : 3

Q.6  
9 5 kW = \_\_\_\_\_ Watts

- Ans
- 1. 50
  - 2. 50000
  - 3. 5000
  - 4. 500

Question ID : 3026161260  
Option 1 ID : 3026165037  
Option 2 ID : 3026165040  
Option 3 ID : 3026165039  
Option 4 ID : 3026165038  
Status : Answered  
Chosen Option : 3

Q.7  
0

Solve the below equation:

$$11 \div 3 \times \frac{1}{9} + 5 + 6 \left( 1 \div \frac{1}{6} \right) =$$

Ans

1.  $\frac{118}{27}$

2.  $\frac{1118}{27}$

3.  $\frac{18}{27}$

4.  $\frac{1181}{27}$

Question ID : 3026161237

Option 1 ID : 3026164946

Option 2 ID : 3026164945

Option 3 ID : 3026164947

Option 4 ID : 3026164948

Status : Answered

Chosen Option : 2

**Q.7** Consider the following statements to be true and decide which of the conclusions logically follows from the statements.

1

**Statements:**

Off late, it has been noticed that school-going children have become avid as well as more regular viewers of television, resulting in a decline in the readership of newspapers.

**Conclusions:**

I. A method of increasing the readership of newspapers should be devised.

II. A team of experts should be sent to other countries to study the impact of TV on the readership of newspapers.

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 : 3026161230

Option 1 ID : 3026164918

Option 2 ID : 3026164920

Option 3 ID : 3026164919

Option 4 ID : 3026164917

Status : Answered

Chosen Option : 3

**Q.7** Read the given statement(s) and conclusion carefully and select which of the options is possible.

2

**Statement:**

1. The box has jewellery.

2. The box has gold.

**Conclusions:**

The box has a diamond necklace and ring.

Ans

1. Probably true or false

2. Definitely false

3. True

4. False

Question ID : 3026161232



Option 1 ID : 3026164927  
Option 2 ID : 3026164928  
Option 3 ID : 3026164925  
Option 4 ID : 3026164926  
Status : Answered  
Chosen Option : 3

Q.7  
3 There are \_\_\_\_\_ metalloids in the modern periodic table.

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

Question ID : 3026161275  
Option 1 ID : 3026165098  
Option 2 ID : 3026165099  
Option 3 ID : 3026165097  
Option 4 ID : 3026165100  
Status : Answered  
Chosen Option : 4

Q.7  
4 PCA (supervisory tools to maintain sound financial health of banks) stands for:

- Ans
- 1. Prompt Collective Action
  - 2. Possible Collective Action
  - 3. Possible Corrective Action
  - 4. Prompt Corrective Action

Question ID : 3026161300  
Option 1 ID : 3026165198  
Option 2 ID : 3026165200  
Option 3 ID : 3026165199  
Option 4 ID : 3026165197  
Status : Answered  
Chosen Option : 4

Q.7  
5 Which of the following is NOT a characteristic of Vertebrata?

- Ans
- 1. They are asymmetrical.
  - 2. They are coelomate.
  - 3. They are triploblastic.
  - 4. They have notochord at some stage of life.

Question ID : 3026161279  
Option 1 ID : 3026165116  
Option 2 ID : 3026165115  
Option 3 ID : 3026165114  
Option 4 ID : 3026165113  
Status : Answered  
Chosen Option : 1

Q.7  
6 Which of the following hormones makes the heart beat faster in order to supply more oxygen to our muscles?

- Ans
- 1. Insulin
  - 2. Thyroxin
  - 3. Adrenaline
  - 4. Animal hormone

Question ID : 3026161278  
Option 1 ID : 3026165111  
Option 2 ID : 3026165109  
Option 3 ID : 3026165110  
Option 4 ID : 3026165112  
Status : Answered  
Chosen Option : 3

Q.7  
7 The chemical formula of hydrated Copper Sulphate is:

- Ans
- 1.  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
  - 2.  $\text{CuSO}_4 \cdot 2\text{H}_2\text{O}$
  - 3.  $\text{CuSO}_4 \cdot 7\text{H}_2\text{O}$
  - 4.  $\text{CuSO}_4$

Question ID : 3026161270  
Option 1 ID : 3026165079  
Option 2 ID : 3026165078  
Option 3 ID : 3026165080  
Option 4 ID : 3026165077  
Status : Answered  
Chosen Option : 3

Q.7  
8 18 months ago Dev's age was 2.5 times the age of Rex. 4 months from now Dev will be twice as old as Rex. The sum of their present ages is

- Ans
- 1. 16 years 2 months
  - 2. 15 years 10 months
  - 3. 19 years
  - 4. 15 years 8 months

Question ID : 3026161216  
Option 1 ID : 3026164862  
Option 2 ID : 3026164861  
Option 3 ID : 3026164864  
Option 4 ID : 3026164863  
Status : Answered  
Chosen Option : 2

Q.7  
9 Which of the following metals is a better conductor of electricity?

- Ans
- 1. Aluminium
  - 2. Copper

3. Tungsten

4. Silver

Question ID : 3026161264

Option 1 ID : 3026165054

Option 2 ID : 3026165055

Option 3 ID : 3026165053

Option 4 ID : 3026165056

Status : Answered

Chosen Option : 4

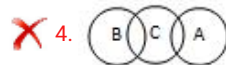
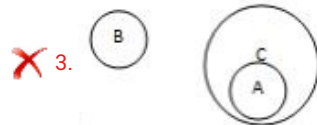
Q.8  
0 Which of the following correctly represents the relationship between?

A) Tiger

B) Fox

C) Animals

Ans



Question ID : 3026161250

Option 1 ID : 3026164997

Option 2 ID : 3026165000

Option 3 ID : 3026164999

Option 4 ID : 3026164998

Status : Answered

Chosen Option : 2

Q.8  
1 Which amongst the following is an initiative taken by Council of Scientific and Industrial Research for deepening the scientific social responsibility?

Ans  1. Research and Development

2. Usttad

3. Jigyasa

4. CSR

Question ID : 3026161299

Option 1 ID : 3026165194

Option 2 ID : 3026165193

Option 3 ID : 3026165195

Option 4 ID : 3026165196

Status : Answered

Chosen Option : 3

2 Train A leaves station X at 5 a.m. and reaches station Y at 9 a.m. Another train B leaves station Y at 6:30 a.m. and reaches station X at 10 a.m. At what time do the two trains meet?

- Ans  1. 7.40 a.m.  
 2. 7 a.m.  
 3. 7.30 a.m.  
 4. 8 a.m.

Question ID : 3026161213

Option 1 ID : 3026164851

Option 2 ID : 3026164849

Option 3 ID : 3026164850

Option 4 ID : 3026164852

Status : Not Answered

Chosen Option : --

Q.8 Match the following.

3

(1) Skin	A) Adipose tissue
(2) Cartilage	B) Stratified squamous epithelium
(3) Skeletal muscles	C) Striated muscles
(4) Subcutaneous layer	D) Surface of joints

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

Question ID : 3026161276

Option 1 ID : 3026165103

Option 2 ID : 3026165104

Option 3 ID : 3026165101

Option 4 ID : 3026165102

Status : Answered

Chosen Option : 4

Q.8 A trader sells his shirts at 6% below the marked price. He marks his shirts at 15% above the cost. The profit percentage earned by the trader is:

4

- Ans  1. 8.1%  
 2. 13.5%  
 3. 21%  
 4. 9%

Question ID : 3026161212

Option 1 ID : 3026164846

Option 2 ID : 3026164848

Option 3 ID : 3026164847

Option 4 ID : 3026164845

Status : Answered

Chosen Option : 2

Q.8 Two pipes can fill a cistern in 10 and 15 hours respectively, while a third pipe can drain the filled cistern completely in 8 hours. If the three pipes are switched on in turns simultaneously, how many hours will it take to fill the empty cistern?

- Ans
- 1. 65
  - 2. 71
  - 3. 72
  - 4. 62

Question ID : 3026161219  
Option 1 ID : 3026164876  
Option 2 ID : 3026164874  
Option 3 ID : 3026164875  
Option 4 ID : 3026164873  
Status : Not Answered  
Chosen Option : --

Q.8 A  $9\ \Omega$  resistance wire is doubled on it. Calculate the new resistance of the wire.

- Ans
- 1.  $1.00\ \Omega$
  - 2.  $1.25\ \Omega$
  - 3.  $2.25\ \Omega$
  - 4.  $1.5\ \Omega$

Question ID : 3026161266  
Option 1 ID : 3026165062  
Option 2 ID : 3026165063  
Option 3 ID : 3026165061  
Option 4 ID : 3026165064  
Status : Answered  
Chosen Option : 3

Q.8 As of 2018, Uddhav Thackeray is the incumbent president of which Hindu nationalist party of India?

- Ans
- 1. Anushilan Samiti
  - 2. Brahmo Samaj
  - 3. Arya Samaj
  - 4. Shiv Sena

Question ID : 3026161291  
Option 1 ID : 3026165164  
Option 2 ID : 3026165162  
Option 3 ID : 3026165163  
Option 4 ID : 3026165161  
Status : Answered  
Chosen Option : 4

Q.8 Choose the correct water image of the given figure.

VAYU8436

- Ans
- 1. 6948UVAV

2.  $\sqrt{8439}$

3.  $\sqrt{8439}$

4.  $\sqrt{8439}$

Question ID : 3026161254

Option 1 ID : 3026165015

Option 2 ID : 3026165016

Option 3 ID : 3026165014

Option 4 ID : 3026165013

Status : Answered

Chosen Option : 1

Q.8

9 If  $a = 0.250$ , then the value of  $\sqrt{9a^2 - 6a + 1} + 4a$  is:

Ans  1. 1.125

2. 1.250

3. 1.225

4. 1.500

Question ID : 3026161208

Option 1 ID : 3026164830

Option 2 ID : 3026164829

Option 3 ID : 3026164831

Option 4 ID : 3026164832

Status : Not Answered

Chosen Option : --

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

0

A. An acid which is completely ionized into ions and produces large number of  $H^+$  ions. For example  $HCl, H_2SO_4, HNO_3$

B. An acid which is partially ionized in water and produces less number of  $H^+$  ions. For example  $CH_3COOH, H_2CO_3, H_2SO_3$ .

Ans  1. Both A and B are false

2. Only A is true

3. Only B is true

4. Both A and B are true

Question ID : 3026161271

Option 1 ID : 3026165084

Option 2 ID : 3026165081

Option 3 ID : 3026165082

Option 4 ID : 3026165083

Status : Answered

Chosen Option : 2

Q.9 Which is the only non-metal placed at the left side of the Modern Periodic Table?

1

Ans  1. Carbon

2. Hydrogen

3. Helium

4. Neon

Question ID : 3026161274

Option 1 ID : 3026165095

Option 2 ID : 3026165094

Option 3 ID : 3026165093

Option 4 ID : 3026165096

Status : Answered

Chosen Option : 2

Q.9 Which Indian Anti-Hunger activist was honoured with the 2017 Queen's Young Leader award?  
2

Ans  1. Ankit Kawatra

2. Priti Patel

3. Jaggi Vasudev

4. Madhu Chitkara

Question ID : 3026161287

Option 1 ID : 3026165147

Option 2 ID : 3026165145

Option 3 ID : 3026165146

Option 4 ID : 3026165148

Status : Not Answered

Chosen Option : --

Q.9 The coordinates of the point that divides the line segment joining the points  $(-4, 4)$  and  $(4, 0)$  internally in the ratio 3 : 1  
3 are given by:

Ans  1.  $(-3, 4)$

2.  $(0, 4)$

3.  $(1, 3)$

4.  $(2, 1)$

Question ID : 3026161211

Option 1 ID : 3026164843

Option 2 ID : 3026164842

Option 3 ID : 3026164844

Option 4 ID : 3026164841

Status : Not Answered

Chosen Option : --

Q.9 Who started the 'Bachpan Bachao Andolan' campaign for which s/he received the Nobel peace prize?  
4

Ans  1. Medha Patkar

2. Jaggi Vasudev

3. Kailash Satyarthi

4. Malala Yousafzai

Question ID : 3026161289

Option 1 ID : 3026165153  
Option 2 ID : 3026165155  
Option 3 ID : 3026165154  
Option 4 ID : 3026165156  
Status : Answered  
Chosen Option : 3

Q.9  
5 2, 4, 7, 11, 16, \_\_\_\_\_, 29...  
The missing term in the sequence is:

- Ans
- 1. 24
  - 2. 22
  - 3. 23
  - 4. 21

Question ID : 3026161236  
Option 1 ID : 3026164944  
Option 2 ID : 3026164942  
Option 3 ID : 3026164943  
Option 4 ID : 3026164941  
Status : Answered  
Chosen Option : 2

Q.9  
6 Who among the following was bestowed with the 10<sup>th</sup> edition of the Clinton Global Citizen Award-2016 for leadership in business and philanthropy?

- Ans
- 1. Rahul Bajaj
  - 2. Adi Godrej
  - 3. Azim Premji
  - 4. Mukesh Ambani

Question ID : 3026161288  
Option 1 ID : 3026165151  
Option 2 ID : 3026165149  
Option 3 ID : 3026165152  
Option 4 ID : 3026165150  
Status : Answered  
Chosen Option : 3

Q.9  
7 Jagan cycles to a museum and returns to the starting point by his car. He takes a total of 2 hours 30 minutes for this journey. He would have taken 1 hour 30 minutes less by using the car both ways in this journey. How long would it have taken for him to cycle both ways?

- Ans
- 1. 2 hours
  - 2. 4 hours
  - 3. 4 hours 30 minutes
  - 4. 3 hours 30 minutes

Question ID : 3026161214  
Option 1 ID : 3026164856  
Option 2 ID : 3026164854  
Option 3 ID : 3026164853  
Option 4 ID : 3026164855  
Status : Not Answered



Q.9  
8 If 4539454 stands for DECIDED, then decode 8597820.

- Ans
- 1. HIGHWAY
  - 2. HEIGHT
  - 3. HEIGHER
  - 4. HIGHEST

Question ID : 3026161226  
 Option 1 ID : 3026164902  
 Option 2 ID : 3026164903  
 Option 3 ID : 3026164904  
 Option 4 ID : 3026164901  
 Status : Answered  
 Chosen Option : 2

Q.9  
9 \_\_\_\_\_ connects bones.

- Ans
- 1. Areolar
  - 2. Ligament
  - 3. Tendon
  - 4. Cartilage

Question ID : 3026161277  
 Option 1 ID : 3026165105  
 Option 2 ID : 3026165106  
 Option 3 ID : 3026165107  
 Option 4 ID : 3026165108  
 Status : Answered  
 Chosen Option : 3

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

**Statement:**

"The soup is yummy" Mani told his mother.

**Conclusions:**

- I. Mani's mother had made a soup.
- II. Mani liked the soup.

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

Question ID : 3026161234  
 Option 1 ID : 3026164934  
 Option 2 ID : 3026164933  
 Option 3 ID : 3026164936  
 Option 4 ID : 3026164935  
 Status : Answered  
 Chosen Option : 4