



## रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



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Test Time	3:00 PM - 4:30 PM
Subject	NTPC

\* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : NTPC

Q.1 The ranking of India in the Global Innovation Index 2020 is:

- Ans  1. 58  
 2. 48  
 3. 66  
 4. 84

Question ID : 9489111032

Option 1 ID : 9489114128

Option 2 ID : 9489114127

Option 3 ID : 9489114126

Option 4 ID : 9489114125

Status : Not Answered

Chosen Option : --

Q.2 Which of the following is a Maharatna PSU?

- Ans  1. BSNL  
 2. BHEL  
 3. HAL  
 4. BCCL

Question ID : 9489111043

Option 1 ID : 9489114169

Option 2 ID : 9489114170

Option 3 ID : 9489114172

Option 4 ID : 9489114171

Status : Answered

Chosen Option : 2

**Q.3** Pick the odd pair of words from the below options

Ans

- 1. Steadfast : irresolute
- 2. Monotonous : exciting
- 3. Stringent : flexible
- 4. Docile : submissive

Question ID : 9489111695

Option 1 ID : 9489116779

Option 2 ID : 9489116778

Option 3 ID : 9489116777

Option 4 ID : 9489116780

Status : Answered

Chosen Option : 1

**Q.4** Select the number that can replace the question mark (?) in the following equation.

$$12 + 8 - 5 \times \frac{1}{2} \times 12 - \{45 \div (34 - 19)\} = ?$$

Ans

- 1. -25
- 2. 13
- 3. -13
- 4. -10

Question ID : 9489111244

Option 1 ID : 9489114976

Option 2 ID : 9489114974

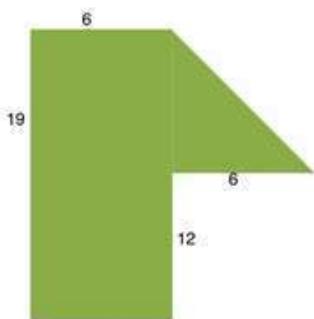
Option 3 ID : 9489114973

Option 4 ID : 9489114975

Status : Answered

Chosen Option : 3

**Q.5** What is the area of the compound shape?



- Ans
- 1. 135 square units
  - 2. 21 units
  - 3. 114 units
  - 4. 114 square units

Question ID : 9489111265

Option 1 ID : 9489115059

Option 2 ID : 9489115058

Option 3 ID : 9489115060

Option 4 ID : 9489115057

Status : Answered

Chosen Option : 1

**Q.6** Which of the following states lie along the border of Pakistan?

- (a) Gujarat
- (b) Punjab
- (c) Rajasthan
- (d) Haryana

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

Question ID : 9489111026

Option 1 ID : 9489114102

Option 2 ID : 9489114104

Option 3 ID : 9489114101

Option 4 ID : 9489114103

Status : Answered

Chosen Option : 2

**Q.7** The fractions  $\frac{1}{3}$ ,  $\frac{4}{7}$ ,  $\frac{2}{5}$  written in ascending order are:

Ans

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

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

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

4. All the fractions are equivalent fractions.

Question ID : 9489111246

Option 1 ID : 9489114981

Option 2 ID : 9489114982

Option 3 ID : 9489114983

Option 4 ID : 9489114984

Status : Answered

Chosen Option : 3

**Q.8** Ali can complete a piece of work in 8 days. Balvinder can complete the same work in 10 days. In order to complete the work in 4 days, they asked Chander to join them and were able to finish the work in time. In how many days can Chander alone finish the work?

Ans

1. 14 days

2. 40 days

3. 12 days

4. 20 days

Question ID : 9489111261

Option 1 ID : 9489115044

Option 2 ID : 9489115042

Option 3 ID : 9489115043

Option 4 ID : 9489115041

Status : Answered

Chosen Option : 2

**Q.9** Which of the following devices is used to measure relatively high temperatures, such as are encountered in furnaces?

Ans

1. Ammeter

2. Fluxmeter

3. Pyrometer

4. Bolometer

Question ID : 9489111011

Option 1 ID : 9489114041

Option 2 ID : 9489114042

Option 3 ID : 9489114043

Option 4 ID : 9489114044

Status : Answered

Chosen Option : 3

**Q.10** Read the following information carefully and answer the questions that follow:

A word-number arrangement machine, when given input as set of words and numbers, rearranges them following a particular rule and generates a stepwise output until the rearrangement is complete following that rule.

Following is an illustration of the input and steps of rearrangement until the last step.

Input: Tokyo 7 Rio @ 5 Salva We  
Step 1: Tokyo 7 Rio @ We 5 Salva  
Step 2: Tokyo 7 Rio We @ 5 Salva  
Step 3: 7 Rio We @ 5 Salva Tokyo  
Step 4: Rio 7 We @ 5 Salva Tokyo

In addition, step 4 is the last step.

For the input, "When % SSR 2 meet shall you", What is Step 2?

- Ans**
- 1. SSR 2 When % you meet shall
  - 2. SSR When % you 2 meet shall
  - 3. When % SSR 2 you meet shall
  - 4. When % SSR you 2 meet shall

Question ID : 9489111702

Option 1 ID : 9489116806

Option 2 ID : 9489116807

Option 3 ID : 9489116805

Option 4 ID : 9489116808

Status : Answered

Chosen Option : 4

**Q.11** Two statements are followed by two given conclusions. Choose the correct option considering the statement to be true irrespective of the commonly known facts.

Statement 1: Only cows are mammals.

Statement 2: No scientists are mammals

Conclusion 1: Some cows are scientists.

Conclusion 2: Some scientists are mammals.

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

Question ID : 9489111698

Option 1 ID : 9489116790

Option 2 ID : 9489116791

Option 3 ID : 9489116789

Option 4 ID : 9489116792

Status : Answered

Chosen Option : 4

Q.12

 $3 + 2\sqrt{5}$  is:

Ans

- 1. a natural number
- 2. a rational number
- 3. an irrational number
- 4. a complex number

Question ID : 9489111247

Option 1 ID : 9489114988

Option 2 ID : 9489114985

Option 3 ID : 9489114986

Option 4 ID : 9489114987

Status : Answered

Chosen Option : 3

Q.13

What is URL?

Ans

- 1. Address of the web page displayed on the internet
- 2. A web browser
- 3. A computer software
- 4. Searching engine

Question ID : 9489111038

Option 1 ID : 9489114150

Option 2 ID : 9489114149

Option 3 ID : 9489114152

Option 4 ID : 9489114151

Status : Answered

Chosen Option : 1

Q.14

If one substitutes @ with either "+" or "\*" (multiplication), in the expression  $1@2@3@4@5@6$ , what is the maximum value that can be derived assuming that the correct order of mathematical operations are followed.

Ans

- 1. 720
- 2. 732
- 3. 612
- 4. 721

Question ID : 9489111687

Option 1 ID : 9489116746

Option 2 ID : 9489116748

Option 3 ID : 9489116747

Option 4 ID : 9489116745

Status : Answered

Chosen Option : 1

Q.15

In any triangle ABC,  $a + b + c = 2s$  with usual notation, then  $\sin\left(\frac{A}{2}\right) =$

Ans

- 1.  $\sqrt{\frac{(s-c)(s-a)}{ac}}$
- 2.  $\sqrt{\frac{(s-b)(s-c)}{bc}}$
- 3.  $\sqrt{\frac{(s-b)(s-c)}{s(s-a)}}$
- 4.  $\sqrt{\frac{s(s-a)}{bc}}$

Question ID : 9489111273

Option 1 ID : 9489115092

Option 2 ID : 9489115089

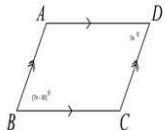
Option 3 ID : 9489115091

Option 4 ID : 9489115090

Status : Not Answered

Chosen Option : --

Q.16 Looking at the following figure, where angle B and D are  $(7x-30)^\circ$  and  $5x^\circ$  respectively, we can say that the value of x is:



Ans

- 1.  $75^\circ$
- 2.  $15^\circ$
- 3.  $65^\circ$
- 4.  $105^\circ$

Question ID : 9489111269

Option 1 ID : 9489115073

Option 2 ID : 9489115074

Option 3 ID : 9489115076

Option 4 ID : 9489115075

Status : Answered

Chosen Option : 2

**Q.17** The selling price of 9 articles is equal to the cost price of 15 articles. In this transaction there is a:

- Ans  1. gain of 66.6% nearly  
 2. loss of 40%  
 3. loss of 66.6% nearly  
 4. gain of 40%

Question ID : 9489111259

Option 1 ID : 9489115035

Option 2 ID : 9489115034

Option 3 ID : 9489115033

Option 4 ID : 9489115036

Status : Answered

Chosen Option : 1

**Q.18** Who presented the Interim Union Budget on 1 February 2019?

- Ans  1. Manmohan Singh  
 2. Piyush Goyal  
 3. Shiv Pratap Shukla  
 4. Arun Jaitley

Question ID : 9489111039

Option 1 ID : 9489114153

Option 2 ID : 9489114154

Option 3 ID : 9489114156

Option 4 ID : 9489114155

Status : Answered

Chosen Option : 4

**Q.19** The \_\_\_\_\_ were the first to discover a sea-route to India.

- Ans  1. Portuguese  
 2. French  
 3. English  
 4. Dutch

Question ID : 9489111019

Option 1 ID : 9489114075

Option 2 ID : 9489114073

Option 3 ID : 9489114074

Option 4 ID : 9489114076

Status : Answered

Chosen Option : 1

**Q.20** The total number of articles that were present originally in the Indian Constitution during its implementation is:

- Ans  1. 396  
 2. 392  
 3. 391  
 4. 395

Question ID : 9489111027  
 Option 1 ID : 9489114108  
 Option 2 ID : 9489114106  
 Option 3 ID : 9489114105  
 Option 4 ID : 9489114107  
 Status : Answered  
 Chosen Option : 2

**Q.21** Which of the following projects is being implemented by C-DAC, Pune?

- Ans  1. Project BHARATMALA  
 2. Project SATH-E  
 3. Project JATAN  
 4. Project Zojila

Question ID : 9489111010  
 Option 1 ID : 9489114037  
 Option 2 ID : 9489114040  
 Option 3 ID : 9489114039  
 Option 4 ID : 9489114038  
 Status : Answered  
 Chosen Option : 1

**Q.22** Decimal expansion of  $\frac{109}{100}$  is:

- Ans  1.  $1 + \frac{9}{10}$   
 2.  $10 + \frac{9}{100}$   
 3.  $1 + \frac{0}{10} + \frac{9}{100}$   
 4.  $100 + 9 + \frac{0}{100}$

Question ID : 9489111245  
 Option 1 ID : 9489114980  
 Option 2 ID : 9489114978  
 Option 3 ID : 9489114979  
 Option 4 ID : 9489114977  
 Status : Answered  
 Chosen Option : 3

**Q.23** Let  $f(x) = x^2$ , in  $\mathbb{R}$ , then the range of  $f$  will be:

- Ans  1. negative real numbers  
 2. non negative numbers  
 3. positive real numbers  
 4. integers

Question ID : 9489111267

Option 1 ID : 9489115068

Option 2 ID : 9489115065

Option 3 ID : 9489115066

Option 4 ID : 9489115067

Status : Answered

Chosen Option : 2

**Q.24** In which year was the Setu Bharatam Programme launched?

- Ans  1. 2016  
 2. 2017  
 3. 2013  
 4. 2018

Question ID : 9489111025

Option 1 ID : 9489114099

Option 2 ID : 9489114097

Option 3 ID : 9489114098

Option 4 ID : 9489114100

Status : Not Answered

Chosen Option : --

**Q.25** Who of the following is one of the nine gems of Chandragupta II?

- Ans  1. Vishakhadatta  
 2. Brahmagupta  
 3. Moggallana  
 4. Varahamihira

Question ID : 9489111018

Option 1 ID : 9489114072

Option 2 ID : 9489114071

Option 3 ID : 9489114069

Option 4 ID : 9489114070

Status : Answered

Chosen Option : 4

**Q.26** If the mean is 25 and the standard deviation is 5 then the coefficient of variation is:

- Ans  1. 20%  
 2. 48%  
 3. 60%  
 4. 27%

Question ID : 9489111272

Option 1 ID : 9489115087

Option 2 ID : 9489115086

Option 3 ID : 9489115085

Option 4 ID : 9489115088

Status : Not Answered

Chosen Option : --

**Q.27** The first island to operate seaplane service is:

- Ans  1. Andaman and Nicobar Island  
 2. Diu  
 3. Neil Island  
 4. Majuli

Question ID : 9489111040

Option 1 ID : 9489114158

Option 2 ID : 9489114157

Option 3 ID : 9489114160

Option 4 ID : 9489114159

Status : Answered

Chosen Option : 1

**Q.28** Select the number from among the given options that can replace the question mark (?) in the following series.

- 1, 5, 29,?  
Ans  1. 196  
 2. 259  
 3. 256  
 4. 324

Question ID : 9489111688

Option 1 ID : 9489116751

Option 2 ID : 9489116750

Option 3 ID : 9489116749

Option 4 ID : 9489116752

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.29** Amit alone can complete a piece of work in 15 days and Balbir alone can do the same work in 10 days.

If Amit alone works for 3 days after which Balbir joins him, then the work will be finished in how many days?

**Ans**

1.  $4\frac{4}{5}$  days

2.  $\frac{1}{6}$  days

3.  $\frac{4}{5}$  days

4.  $7\frac{4}{5}$  days

Question ID : 9489111263

Option 1 ID : 9489115051

Option 2 ID : 9489115050

Option 3 ID : 9489115049

Option 4 ID : 9489115052

Status : Answered

Chosen Option : 1

**Q.30** Assuming that the given statement is true; find out which of the four alternative (s) is definitely true.

Statement: No newspaper is read by an illiterate.

- A. All newspapers that are read, are read by post graduates.
- B. Some newspapers that are read, are read by post graduates.
- C. Some newspapers are not read by illiterates.
- D. No illiterate ever reads a newspaper.

**Ans**

1. Only A & B

2. Only C & D

3. Only A

4. Only B

Question ID : 9489111679

Option 1 ID : 9489116715

Option 2 ID : 9489116714

Option 3 ID : 9489116713

Option 4 ID : 9489116716

Status : Answered

Chosen Option : 2

**Q.31** How many ministers can be included in the Council of Ministers of the Union?

Ans  1. As many as wished by the Prime Minister of India

2.

Fifteen percent of the total number of members of the House of People

3.

Ten to fifteen percent of the total number of members of the House of People

4.

Fifty percent of the total number of members of the House of People

Question ID : 9489111029

Option 1 ID : 9489114114

Option 2 ID : 9489114115

Option 3 ID : 9489114116

Option 4 ID : 9489114113

Status : Answered

Chosen Option : 1

**Q.32** India's first railway university is located at:

Ans  1. Thane, Mumbai

2. Vadodara, Gujrat

3. Varanasi, Uttar Pradesh

4. Raurkela , Orissa

Question ID : 9489111007

Option 1 ID : 9489114028

Option 2 ID : 9489114026

Option 3 ID : 9489114027

Option 4 ID : 9489114025

Status : Answered

Chosen Option : 2

**Q.33** Which of the numbers given below would come next in the following series of numbers? 1, 9, 25, 49, \_\_\_\_.

Ans  1. 16

2. 81

3. 64

4. 36

Question ID : 9489111684

Option 1 ID : 9489116734

Option 2 ID : 9489116736

Option 3 ID : 9489116735

Option 4 ID : 9489116733

Status : Answered

Chosen Option : 2

Q.34 What is correct about the Khilafat Movement in India?

- Ans  1. It was a movement in support of the Turkish Sultan  
 2. It was a movement in demand of Pakistan  
 3. It was a movement to restore the Mughal Royal family in India  
 4. It was a movement against the massacre of Jallianwala Bagh

Question ID : 9489111017

Option 1 ID : 9489114065

Option 2 ID : 9489114066

Option 3 ID : 9489114067

Option 4 ID : 9489114068

Status : Answered

Chosen Option : 1

Q.35 The Bharatmala Pariyojana is associated with:

- Ans  1. Ports  
 2. Telecom  
 3. Railways  
 4. Highways

Question ID : 9489111035

Option 1 ID : 9489114137

Option 2 ID : 9489114140

Option 3 ID : 9489114138

Option 4 ID : 9489114139

Status : Answered

Chosen Option : 2

Q.36 Who coined the word “Artificial Intelligence”?

- Ans  1. John Berger  
 2. Charles Bachman  
 3. John McCarthy  
 4. David Bradley

Question ID : 9489111036

Option 1 ID : 9489114141

Option 2 ID : 9489114143

Option 3 ID : 9489114142

Option 4 ID : 9489114144

Status : Not Answered

Chosen Option : --

**Q.37** A statement is given followed by an immediate conclusion. Choose the correct option regarding the conclusion.

Statement: All farmers are very hardworking.

Conclusion: Some very hardworking persons are farmers.

Ans  1. Information irrelevant

2. True

3. False

4. Probably false but not sure

Question ID : 9489111678

Option 1 ID : 9489116712

Option 2 ID : 9489116709

Option 3 ID : 9489116710

Option 4 ID : 9489116711

Status : Answered

Chosen Option : 4

**Q.38** A train is travelling 50% faster than a bus. Both start from Karnal at the same time and reach Panipat, which is

75 km from Karnal at the same time. On the way however, the train stopped at a station for about 12.5

minutes. The speed of the bus is:

Ans  1. 100 km/h

2. 120 km/h

3. 110 km/h

4. 130 km/h

Question ID : 9489111262

Option 1 ID : 9489115045

Option 2 ID : 9489115047

Option 3 ID : 9489115046

Option 4 ID : 9489115048

Status : Answered

Chosen Option : 2

**Q.39** The inter-governmental-treaty-based organisation having its headquarters in India is:

Ans  1. OECD

2. ISA

3. NATO

4. ATS

Question ID : 9489111034

Option 1 ID : 9489114135

Option 2 ID : 9489114134

Option 3 ID : 9489114136

Option 4 ID : 9489114133

Status : Answered

Chosen Option : 2

**Q.40** The nearest Spiral galaxy to Milky way is:

- Ans 1. Sun flower galaxy  
 2. Andromeda galaxy  
 3. Pinwheel galaxy  
 4. Dwarf galaxy

Question ID : 9489111023

Option 1 ID : 9489114089

Option 2 ID : 9489114091

Option 3 ID : 9489114092

Option 4 ID : 9489114090

Status : Answered

Chosen Option : 2

**Q.41** Simplify the following equation:

$$\left(4\frac{3}{4} - 3\frac{1}{3}\right) \div \left(\frac{3}{4} - \frac{3}{5}\right) + \frac{3}{5} \times \frac{5}{7} \times \frac{7}{9}$$

- Ans 1.  $9\frac{7}{9}$   
 2.  $\frac{85}{29}$   
 3.  $\frac{452}{135}$   
 4.  $\frac{131}{240}$

Question ID : 9489111249

Option 1 ID : 9489114995

Option 2 ID : 9489114993

Option 3 ID : 9489114996

Option 4 ID : 9489114994

Status : Answered

Chosen Option : 1

**Q.42** Which of the two colours of spectrum forms the extremes?

Ans

- 1. Violet and Red
- 2. Yellow and Orange
- 3. Blue and Green
- 4. Red and Orange

Question ID : 9489111014

Option 1 ID : 9489114056

Option 2 ID : 9489114053

Option 3 ID : 9489114054

Option 4 ID : 9489114055

Status : Answered

Chosen Option : 1

**Q.43** Moving along a circular path, Ansh takes 18 minutes to complete one round and Siddhi takes 12 minutes for the same. If they start from the same point and at the same time, then after what time they will meet again at the starting point?

Ans

- 1. 6 minutes
- 2. 1.5 minute
- 3. 36 minutes
- 4. 216 minutes

Question ID : 9489111252

Option 1 ID : 9489115007

Option 2 ID : 9489115005

Option 3 ID : 9489115006

Option 4 ID : 9489115008

Status : Answered

Chosen Option : 3

**Q.44** The earliest deciphered epigraphy of Ashoka's inscription in India was written in which script?

Ans

- 1. Harappan
- 2. Kharoshthi
- 3. Devnagri
- 4. Brahmi

Question ID : 9489111020

Option 1 ID : 9489114079

Option 2 ID : 9489114077

Option 3 ID : 9489114080

Option 4 ID : 9489114078

Status : Answered

Chosen Option : 4

- Q.45** A statement is followed by two assumptions. You have to consider the statement and the following assumptions and decide the correct option.

Statement: "If you are a computer engineer, we want you as our senior consultant" - an advertisement by company XYZ.

Assumption 1: Engineers are expected to be better performers by company XYZ.

Assumption 2: The company XYZ needs a senior consultant.

- Ans**
- 1. Both Assumption 1 & Assumption 2 are Implicit
  - 2. Only Assumption 2 is Implicit
  - 3. Neither Assumption 1 nor Assumption 2 are Implicit
  - 4. Only Assumption 1 is Implicit

Question ID : 9489111682

Option 1 ID : 9489116727

Option 2 ID : 9489116726

Option 3 ID : 9489116728

Option 4 ID : 9489116725

Status : Answered

Chosen Option : 1

- Q.46** Who was the first Chairman of Rajya Sabha?

- Ans**
- 1. Ganesh Vasudev
  - 2. S V Krishnamoorthy Rao
  - 3. Smt.Violet Alva
  - 4. Dr. Sarvepalli Radhakrishnan

Question ID : 9489111028

Option 1 ID : 9489114109

Option 2 ID : 9489114111

Option 3 ID : 9489114112

Option 4 ID : 9489114110

Status : Answered

Chosen Option : 4

- Q.47** Which of the following is an application software?

- Ans**
- 1. LINUX
  - 2. UNIX
  - 3. macOS
  - 4. Graphics

Question ID : 9489111037

Option 1 ID : 9489114147

Option 2 ID : 9489114145

Option 3 ID : 9489114148

Option 4 ID : 9489114146

Status : Answered

Chosen Option : 4

**Q.48** The nobel prize awarding institute, Swedish Academy, is associated with:

- Ans  1. Peace  
 2. Literature  
 3. Medicine  
 4. Physiology

Question ID : 9489111009

Option 1 ID : 9489114034

Option 2 ID : 9489114033

Option 3 ID : 9489114035

Option 4 ID : 9489114036

Status : Answered

Chosen Option : 1

**Q.49** The population of a town increases by 10% every year. If the present population is 20,000, in the next year it will be:

- Ans  1. 18,000  
 2. 2,200  
 3. 1,800  
 4. 22,000

Question ID : 9489111257

Option 1 ID : 9489115028

Option 2 ID : 9489115025

Option 3 ID : 9489115027

Option 4 ID : 9489115026

Status : Answered

Chosen Option : 4

**Q.50** Bhawna borrowed ₹4,500 from a lender at the rate of 15% per annum, simple interest on 26 March 2018 and cleared the loan on 7 June of the same year. What amount did she pay to clear her loan?

- Ans  1. ₹53,775  
 2. ₹4,635  
 3. ₹135  
 4. ₹49,275

Question ID : 9489111258

Option 1 ID : 9489115030

Option 2 ID : 9489115032

Option 3 ID : 9489115031

Option 4 ID : 9489115029

Status : Answered

Chosen Option : 2

**Q.51** The 'Yellow Vest' protests are associated with which country?

- Ans
- 1. Japan
  - 2. Russia
  - 3. China
  - 4. France

Question ID : 9489111006

Option 1 ID : 9489114022

Option 2 ID : 9489114024

Option 3 ID : 9489114021

Option 4 ID : 9489114023

Status : Not Answered

Chosen Option : --

**Q.52** The momentum of an object of mass 'm' moving with a velocity 'v' is given by:

- Ans
- 1.  $(mv)^2$
  - 2.  $mv$
  - 3.  $mv^2$
  - 4.  $\frac{1}{2} mv^2$

Question ID : 9489111015

Option 1 ID : 9489114058

Option 2 ID : 9489114060

Option 3 ID : 9489114057

Option 4 ID : 9489114059

Status : Answered

Chosen Option : 2

**Q.53** Value of A for the equation:

$$\tan A + \tan 2A + \tan 3A = \tan A \tan 2A \tan 3A$$

Ans

1.  $\frac{5\pi}{6}$

2.  $\frac{\pi}{3}, \frac{2\pi}{3}$

3.  $\frac{2\pi}{3}$  only

4.  $\frac{\pi}{3}$  only

Question ID : 9489111270

Option 1 ID : 9489115080

Option 2 ID : 9489115079

Option 3 ID : 9489115078

Option 4 ID : 9489115077

Status : Answered

Chosen Option : 1

**Q.54** The zoological name of the common housefly is:

Ans

1. Triticum Aestivum

2. Fannia

3. Homo Sapiens

4. Musca Domestica

Question ID : 9489111016

Option 1 ID : 9489114064

Option 2 ID : 9489114061

Option 3 ID : 9489114062

Option 4 ID : 9489114063

Status : Answered

Chosen Option : 4

**Q.55** The National Rural Health Mission was launched in the year:

Ans

1. 2012

2. 2007

3. 2002

4. 2005

Question ID : 9489111041

Option 1 ID : 9489114164

Option 2 ID : 9489114162

Option 3 ID : 9489114161

Option 4 ID : 9489114163

Status : Not Answered

Chosen Option : --

**Q.56** Which of the following individuals is NOT associated with the musical instrument santoor?

- Ans  1. Pt. Shiv Kumar Sharma  
 2. Ustad Amjad Ali Khan  
 3. Tarun Bhattacharya  
 4. Bhajan Sopori

Question ID : 9489111008

Option 1 ID : 9489114032

Option 2 ID : 9489114029

Option 3 ID : 9489114031

Option 4 ID : 9489114030

Status : Answered

Chosen Option : 4

**Q.57** The quartzite is a \_\_\_\_\_ type of rock.

- Ans  1. sedimentary  
 2. metamorphic  
 3. basalt  
 4. igneous

Question ID : 9489111024

Option 1 ID : 9489114096

Option 2 ID : 9489114095

Option 3 ID : 9489114093

Option 4 ID : 9489114094

Status : Not Answered

Chosen Option : --

**Q.58** The sides of a triangle are in the ratio 3 : 4 : 5 the triangle is:

- Ans  1. right angled  
 2. obtuse angled  
 3. acute angled  
 4. either acute angled or right angled

Question ID : 9489111268

Option 1 ID : 9489115070

Option 2 ID : 9489115071

Option 3 ID : 9489115069

Option 4 ID : 9489115072

Status : Answered

Chosen Option : 1

**Q.59** Where is Pakhal Wildlife Sanctuary located?

- Ans
- 1. Lakhimpur
  - 2. Chandauli
  - 3. Seoni
  - 4. Warangal

Question ID : 9489111013

Option 1 ID : 9489114051

Option 2 ID : 9489114052

Option 3 ID : 9489114049

Option 4 ID : 9489114050

Status : Not Answered

Chosen Option : --

**Q.60**  $\sqrt{8 - 2\sqrt{15}}$  is equal to:

- Ans
- 1.  $3 - \sqrt{5}$
  - 2.  $\sqrt{5} - \sqrt{3}$
  - 3.  $\sqrt{5} + \sqrt{3}$
  - 4.  $5 - \sqrt{3}$

Question ID : 9489111250

Option 1 ID : 9489115000

Option 2 ID : 9489114999

Option 3 ID : 9489114997

Option 4 ID : 9489114998

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.61** The space diagonal of a cube measures  $8\sqrt{3}$  cm. What is the volume of the cube?

- Ans
- 1.  $512\sqrt{3}$  cm<sup>3</sup>
  - 2.  $1536\sqrt{3}$  cm<sup>3</sup>
  - 3. 512 cm<sup>3</sup>
  - 4. 1536 cm<sup>3</sup>

Question ID : 9489111266

Option 1 ID : 9489115063

Option 2 ID : 9489115064

Option 3 ID : 9489115062

Option 4 ID : 9489115061

Status : Answered

Chosen Option : 3

**Q.62** Read the following information carefully and answer the questions that follow:

A word-number arrangement machine, when given input as set of words and numbers, rearranges them following a particular rule and generates a stepwise output until the rearrangement is complete following that rule.

Following is an illustration of the input and steps of rearrangement until the last step.

Input: Tokyo 7 Rio @ 5 Salva We

Step 1: Tokyo 7 Rio @ We 5 Salva

Step 2: Tokyo 7 Rio We @ 5 Salva

Step 3: 7 Rio @ We 5 Salva Tokyo

Step 4: Rio 7 @ We 5 Salva Tokyo

In addition, step 4 is the last step.

For the input, "Let 1 mail & check me and", What is Step 4?

Ans  1. mail 1 & and check me Let

2. and check me Let mail 1 &

3. mail 1 me Let & and check

4. 1 & and check me Let mail

Question ID : 9489111703

Option 1 ID : 9489116809

Option 2 ID : 9489116810

Option 3 ID : 9489116812

Option 4 ID : 9489116811

Status : Answered

Chosen Option : 1

**Q.63** Anuj plants 5,625 plants in his garden in such a way that the number of rows and the number of plants in each row remains the same. The number of plants in each row will be:

Ans  1. 75

2. 2812

3. 11250

4. 2813

Question ID : 9489111253

Option 1 ID : 9489115012

Option 2 ID : 9489115009

Option 3 ID : 9489115010

Option 4 ID : 9489115011

Status : Answered

Chosen Option : 1

**Q.64** In a certain code, MAD = 56, CAT = 80, then DEN = \_\_\_\_\_?

Ans  1. 29

2. 126

3. 100

4. 208

Question ID : 9489111675

Option 1 ID : 9489116697

Option 2 ID : 9489116700

Option 3 ID : 9489116698

Option 4 ID : 9489116699

Status : Answered

Chosen Option : 2

**Q.65** The Indian space programme is said to have begun in \_\_ with the setting up of INCOSPAR by the Indian government.

- Ans  1. 1968  
 2. 1970  
 3. 1962  
 4. 1960

Question ID : 9489111030

Option 1 ID : 9489114118

Option 2 ID : 9489114120

Option 3 ID : 9489114117

Option 4 ID : 9489114119

Status : Not Answered

Chosen Option : --

**Q.66** Who among the following is NOT a nationalist extremist leader of Indian national Congress?

- Ans  1. Sri Aurobindo Ghosh  
 2. Bal Gangadhar Tilak  
 3. Bipin Chandra Pal  
 4. Surendra Nath Banerjee

Question ID : 9489111021

Option 1 ID : 9489114083

Option 2 ID : 9489114081

Option 3 ID : 9489114082

Option 4 ID : 9489114084

Status : Answered

Chosen Option : 1

**Q.67** At which place in Haryana is the Government of India developing a nuclear power plant?

- Ans  1. Gorakhpur  
 2. Palwal  
 3. Ballabgarh  
 4. Kalka

Question ID : 9489111031

Option 1 ID : 9489114122

Option 2 ID : 9489114121

Option 3 ID : 9489114123

Option 4 ID : 9489114124

Status : Answered

Chosen Option : 3

**Q.68** A certain sum of money was divided among three friends: Rajeev, Kewal and Amit in the ratio of 2 : 3 : 7. If Amit's share is ₹15 more than that of Kewal, then what is the sum of money which was divided :

- Ans 1. ₹180  
 2. ₹45  
 3. ₹57  
 4. ₹27

Question ID : 9489111256

Option 1 ID : 9489115024

Option 2 ID : 9489115022

Option 3 ID : 9489115023

Option 4 ID : 9489115021

Status : Answered

Chosen Option : 2

**Q.69** To gain 25% after announcing a discount of 10%, the shopkeeper must mark the price of the article with cost price ₹360 as:

- Ans 1. ₹500  
 2. ₹486  
 3. ₹450  
 4. ₹460

Question ID : 9489111260

Option 1 ID : 9489115037

Option 2 ID : 9489115040

Option 3 ID : 9489115038

Option 4 ID : 9489115039

Status : Answered

Chosen Option : 1

**Q.70** Which of the following numbers has a terminating decimal?

$$\frac{15}{600}, \frac{29}{343}, \frac{7}{2^2 \times 7^2}, \frac{77}{210}$$

Ans

1.  $\frac{77}{210}$

2.  $\frac{29}{343}$

3.  $\frac{15}{600}$

4.  $\frac{7}{2^2 \times 7^2}$

Question ID : 9489111251

Option 1 ID : 9489115004

Option 2 ID : 9489115002

Option 3 ID : 9489115001

Option 4 ID : 9489115003

Status : Answered

Chosen Option : 3

**Q.71** Since the HCF of (48, 144) = 48,

therefore the LCM of (48, 144) = ?

Ans

1. 48

2.  $48 \times 144$

3. 144

4. 3

Question ID : 9489111248

Option 1 ID : 9489114989

Option 2 ID : 9489114991

Option 3 ID : 9489114990

Option 4 ID : 9489114992

Status : Answered

Chosen Option : 3

**Q.72** There are six toys arranged one above the other in form of a stack, the lowermost is numbered 1 and the toy above it as 2 and so on. Each toy is of a different colour Purple, Pink, White, Yellow, Red and Grey. Purple toy is at the even position but not at the top. Red toy is not adjacent to white or yellow toy. Grey toy is at the 5th position. There are two toys between pink and white toy where pink toy is above the white one. White toy is not at the bottommost position. At which position is the Pink toy?

- Ans  1. 3rd  
 2. 6th  
 3. 2nd  
 4. 4th

Question ID : 9489111700

Option 1 ID : 9489116798

Option 2 ID : 9489116799

Option 3 ID : 9489116800

Option 4 ID : 9489116797

Status : Answered

Chosen Option : 2

**Q.73** By selling a watch for a certain amount, Deepika suffered a loss of 10%. By selling the same watch for ₹140 more, she would have gained 4%. What was the cost price of the watch?

- Ans  1. ₹1140  
 2. ₹1000  
 3. ₹860  
 4. ₹760

Question ID : 9489111255

Option 1 ID : 9489115018

Option 2 ID : 9489115017

Option 3 ID : 9489115019

Option 4 ID : 9489115020

Status : Answered

Chosen Option : 2

**Q.74** Pragya invited males and females to her birthday party in the ratio of 7 : 6. If the number of males in the party were 56, then the total number of guests attending the party were:

- Ans  1. 48  
 2. 104  
 3. 108  
 4. 112

Question ID : 9489111254

Option 1 ID : 9489115014

Option 2 ID : 9489115015

Option 3 ID : 9489115016

Option 4 ID : 9489115013

Status : Answered

Chosen Option : 1

**Q.75** Who won gold medal in the 25 m Pistol Category at Asian Games 2018?

- Ans  1. Tessa Virtue  
 2. Satyajit Prasad  
 3. Rahi Sarnobat  
 4. Bobby Aloysius

Question ID : 9489111005

Option 1 ID : 9489114017

Option 2 ID : 9489114020

Option 3 ID : 9489114018

Option 4 ID : 9489114019

Status : Not Answered

Chosen Option : --

**Q.76** There is a group of six persons; A, B, C, D, E and F in a room. In the group, there are two married couples. B is Italian and is the mother of C. F is the grandmother of C. F is from Canada. D is the grandfather of E and D is from Australia. There is one Italian, one Canadian, one Australian, one French and two Irish people in the group. The French person is a male and married. Nobody who is a grandchild is married. What is the nationality of A and who is his wife?

- Ans  1. French, F  
 2. French, B  
 3. Irish, F  
 4. Italian, B

Question ID : 9489111680

Option 1 ID : 9489116719

Option 2 ID : 9489116717

Option 3 ID : 9489116718

Option 4 ID : 9489116720

Status : Answered

Chosen Option : 2

**Q.77** Who is the Attorney General of India as of October 2020?

- Ans  1. Rajnish Kumar  
 2. K.K. Venugopal  
 3. K V Chowdhary  
 4. V K Sharma

Question ID : 9489111042

Option 1 ID : 9489114165

Option 2 ID : 9489114166

Option 3 ID : 9489114167

Option 4 ID : 9489114168

Status : Not Answered

Chosen Option : --

**Q.78** How many countries are the members of OPEC as of November 2020?

- Ans  1. 20  
 2. 13  
 3. 28  
 4. 18

Question ID : 9489111033

Option 1 ID : 9489114130

Option 2 ID : 9489114131

Option 3 ID : 9489114132

Option 4 ID : 9489114129

Status : Not Answered

Chosen Option : --

**Q.79** Who is considered as the father of geography?

- Ans  1. Ptolemy  
 2. Aristotle  
 3. Thales  
 4. Eratosthenes

Question ID : 9489111022

Option 1 ID : 9489114085

Option 2 ID : 9489114087

Option 3 ID : 9489114088

Option 4 ID : 9489114086

Status : Answered

Chosen Option : 1

**Q.80** The smallest unit of the life capable of independent existence is:

- Ans  1. Protoplasm  
 2. Vacuoles  
 3. Cytoplasm  
 4. Cell

Question ID : 9489111012

Option 1 ID : 9489114046

Option 2 ID : 9489114048

Option 3 ID : 9489114045

Option 4 ID : 9489114047

Status : Answered

Chosen Option : 4

**Q.81** Find the missing term in given alphanumeric series: A2B, C12D, E30F, \_\_\_\_\_, I90J.

- Ans  1. G64H  
 2. G48H  
 3. G56H  
 4. G49H

Question ID : 9489111683

Option 1 ID : 9489116732

Option 2 ID : 9489116730

Option 3 ID : 9489116729

Option 4 ID : 9489116731

Status : Not Answered

Chosen Option : --

**Q.82** Select the option that is related to the third term in the same way as the second term is related to the first term.

China : Beijing :: Brazil : \_\_\_\_\_

- Ans  1. Brasília  
 2. Shanghai  
 3. Rio De Janeiro  
 4. Buenos Aires

Question ID : 9489111676

Option 1 ID : 9489116701

Option 2 ID : 9489116704

Option 3 ID : 9489116702

Option 4 ID : 9489116703

Status : Answered

Chosen Option : 3

**Q.83** As of October 2020, who is the President of Nepal?

- Ans  1. Madhav Kumar  
 2. Bidya Devi Bhandari  
 3. K P Oli  
 4. Nanda Kishor Pun

Question ID : 9489111004

Option 1 ID : 9489114014

Option 2 ID : 9489114016

Option 3 ID : 9489114013

Option 4 ID : 9489114015

Status : Answered

Chosen Option : 3

**Q.84** The length of each side of a square whose diagonals are 10 cm each, is:

Ans

1.  $5\sqrt{2}$  cm

2. 5 cm

3.  $10\sqrt{2}$  cm

4. 7 cm

Question ID : 9489111264

Option 1 ID : 9489115055

Option 2 ID : 9489115053

Option 3 ID : 9489115056

Option 4 ID : 9489115054

Status : Answered

Chosen Option : 1

**Q.85** If a pie chart is drawn based on the data given below, what will be the central angle for food?

No. of families	Item of expenditure
150	Education
400	Food
40	Rent
250	Electricity
160	Miscellaneous

Ans

1.  $90^\circ$

2.  $208^\circ$

3.  $144^\circ$

4.  $150^\circ$

Question ID : 9489111271

Option 1 ID : 9489115081

Option 2 ID : 9489115082

Option 3 ID : 9489115084

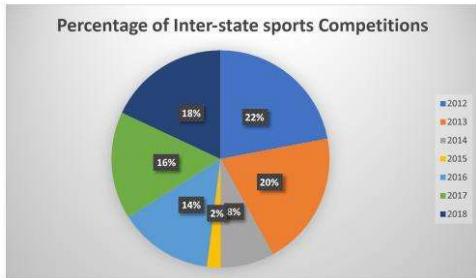
Option 4 ID : 9489115083

Status : Answered

Chosen Option : 3

**Q.86** The pie-chart shows the percentage of inter-state sports competitions in different years from 2012 to 2018.

Considering the total number of inter-state sports competitions to be 200, find the difference in the number of inter-state sports competitions in 2015 and that in 2016.



- Ans  1. 26  
 2. 28  
 3. 24  
 4. 22

Question ID : 9489111689

Option 1 ID : 9489116755

Option 2 ID : 9489116756

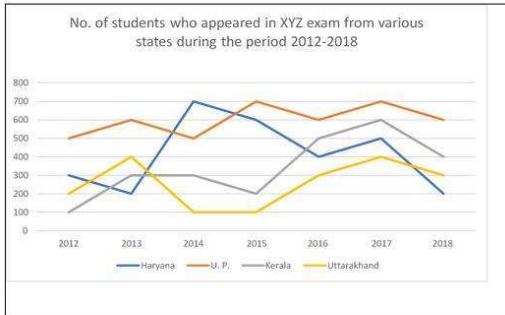
Option 3 ID : 9489116754

Option 4 ID : 9489116753

Status : Answered

Chosen Option : 3

**Q.87** The line graph shows the number of students who appeared in XYZ exam from various states during the period 2012-2018. What is the average number of students who appeared in the XYZ exam in the year 2012 from all the states together?



- Ans  1. 275  
 2. 270  
 3. 285  
 4. 280

Question ID : 9489111690

Option 1 ID : 9489116760

Option 2 ID : 9489116757

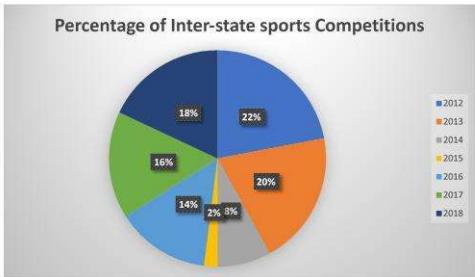
Option 3 ID : 9489116758

Option 4 ID : 9489116759

Status : Answered

Chosen Option : 1

- Q.88** The pie-chart shows the percentage of inter-state sports competitions in different years from 2012 to 2018. Considering the total number of inter-state sports competitions to be 200, find the total number of inter-state sports competitions held in 2012, 2013, 2017 and 2018.



- Ans  1. 148  
 2. 154  
 3. 152  
 4. 168

Question ID : 9489111691

Option 1 ID : 9489116761

Option 2 ID : 9489116762

Option 3 ID : 9489116763

Option 4 ID : 9489116764

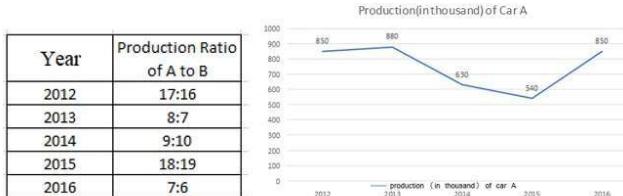
Status : Answered

Chosen Option : 3

- Q.89** The Table below shows the ratio of manufacturing of Car A to the manufacturing of Car B by the same company from 2012-2016.

The Line Graph shows the manufacturing (in thousands) of Car A, from 2012-2016.

What is the ratio of number of Car B manufactured in 2012 to the number of Car A manufactured in 2014?



- Ans  1. 80 : 61  
 2. 80 : 63  
 3. 79 : 61  
 4. 79 : 63

Question ID : 9489111692

Option 1 ID : 9489116766

Option 2 ID : 9489116765

Option 3 ID : 9489116768

Option 4 ID : 9489116767

Status : Answered

Chosen Option : 2

**Q.90** There are six toys arranged one above the other in form of a stack, the lowermost is numbered 1 and the toy above it as 2 and so on. Each toy is of a different colour Purple, Pink, White, Yellow, Red and Grey. Purple toy is at the even position but not at the top. Red toy is not adjacent to white or yellow toy. Grey toy is at the 5th position. There are two toys between pink and white toy where pink toy is above the white one. White toy is not at the bottommost position. Which toy among the following options is at an odd position?

- Ans 1. White toy  
 2. Pink toy  
 3. Yellow toy  
 4. Purple toy

Question ID : 9489111701

Option 1 ID : 9489116802

Option 2 ID : 9489116803

Option 3 ID : 9489116801

Option 4 ID : 9489116804

Status : Answered

Chosen Option : 1

**Q.91** Given below is a statement followed by two courses of actions. Assuming everything in the statement to be true, irrespective of the commonly known facts, decide which of the two suggested course(s) of action logically follow for pursuing?

Statement: There is a shortage of water in Delhi during summers.

Course of action 1: There should be more water conservation projects initiated by the government of Delhi.

Course of action 2: The government should encourage rain water harvesting in all new and existing residential complexes.

- Ans 1. Both course of action 1 and course of action 2 follow.  
 2. Only course of action 1 follows  
 3. Only course of action 2 follows  
 4. Neither course of action 1 nor course of action 2 follows

Question ID : 9489111697

Option 1 ID : 9489116787

Option 2 ID : 9489116785

Option 3 ID : 9489116786

Option 4 ID : 9489116788

Status : Answered

Chosen Option : 1

**Q.92** If  $aPb$  implies  $a+b$ ,  $aSb$  implies  $a-b$ ,  $aMb$  implies  $a*b$  and  $aDb$  implies  $a+b$ ; Find the value of  $5P6S3M4D8$

- Ans 1. 10  
 2. 8.5  
 3. 9.5  
 4. 8

Question ID : 9489111686

Option 1 ID : 9489116741

Option 2 ID : 9489116743

Option 3 ID : 9489116742

Option 4 ID : 9489116744

Status : Answered

Chosen Option : 3

**Q.93** Choose the odd option among the following.

- Ans 1.  $\frac{5}{10}$   
 2.  $\frac{1}{4}$   
 3.  $\frac{2}{3}$   
 4.  $\frac{11}{13}$

Question ID : 9489111694

Option 1 ID : 9489116775

Option 2 ID : 9489116773

Option 3 ID : 9489116774

Option 4 ID : 9489116776

Status : Answered

Chosen Option : 3

**Q.94** In a class of 47 students, Anurag's roll number is eighteenth from the end. What is his roll number from the beginning?

- Ans 1. 30  
 2. 29  
 3. 27  
 4. 28

Question ID : 9489111699

Option 1 ID : 9489116796

Option 2 ID : 9489116795

Option 3 ID : 9489116793

Option 4 ID : 9489116794

Status : Answered

Chosen Option : 1

**Q.95** Select the option that is related to the third term in the same way as the second term is related to the first term.

Ten : Decade :: Thousand: \_\_\_\_\_

**Ans**  1. Century

2. Millennium

3. Triennium

4. Lustrum

Question ID : 9489111674

Option 1 ID : 9489116693

Option 2 ID : 9489116694

Option 3 ID : 9489116696

Option 4 ID : 9489116695

Status : Answered

Chosen Option : 2

**Q.96** A statement is followed by two conclusions. Choose the correct option considering the statement to be true irrespective of the commonly known facts.

Statement:

Don't throw garbage here. If you violate this non-littering sign, a fine of Rs.5000 will be imposed.

Conclusion

1: The same fine is charged for littering offence everywhere.

2: This warning is written at every public place or non-littering zone.

**Ans**  1. Neither conclusion 1 nor conclusion 2 follow

2. Only conclusion 1 follows

3. Only conclusion 2 follows

4. Both conclusion 1 and conclusion 2 follow

Question ID : 9489111696

Option 1 ID : 9489116784

Option 2 ID : 9489116781

Option 3 ID : 9489116782

Option 4 ID : 9489116783

Status : Answered

Chosen Option : 1

**Q.97** Choose the conclusion (s) which logically follow from the given statement, disregarding commonly known facts.

Statement : No country is free from terrorism these days.

Conclusion A: It has become impossible for countries to control terrorism these days.

Conclusion B: The countries and their people in general have become lazy.

**Ans**

- 1. Only Conclusion B follows
- 2. Both Conclusions A & B follow
- 3. Only Conclusion A follows
- 4. Neither Conclusion A nor conclusion B follow

Question ID : 9489111681

Option 1 ID : 9489116722

Option 2 ID : 9489116723

Option 3 ID : 9489116721

Option 4 ID : 9489116724

Status : Answered

Chosen Option : 3

**Q.98** In which of the given options, is the letters skipped between adjacent letters in the order 1, 2, 3.

**Ans**

- 1. EFJN
- 2. FHKO
- 3. ACDE
- 4. FHLP

Question ID : 9489111685

Option 1 ID : 9489116738

Option 2 ID : 9489116739

Option 3 ID : 9489116737

Option 4 ID : 9489116740

Status : Answered

Chosen Option : 2

**Q.99** Pradeep says, "Vishal's mother is the only daughter of my mother". How is Pradeep related to Vishal?

**Ans**

- 1. Brother
- 2. Maternal uncle
- 3. Father
- 4. Grandfather

Question ID : 9489111677

Option 1 ID : 9489116705

Option 2 ID : 9489116708

Option 3 ID : 9489116706

Option 4 ID : 9489116707

Status : Answered

Chosen Option : 2

**Q.100** Four elements have been listed, out of which three are alike in some manner and one is different. Select the odd one.

**Ans**

- 1. Sodium
- 2. Helium
- 3. Neon
- 4. Argon

Question ID : **9489111693**

Option 1 ID : **9489116771**

Option 2 ID : **9489116769**

Option 3 ID : **9489116770**

Option 4 ID : **9489116772**

Status : **Answered**

Chosen Option : **1**