



सत्यमेव जयते

रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



Participant ID	
Participant Name	
Test Center Name	Netizens Digital Zone Latur
Test Date	04/02/2021
Test Time	10:30 AM - 12:00 PM
Subject	NTPC

\* Note

Correct Answer will carry 1 mark per Question.  
Incorrect Answer will carry 1/3 Negative mark.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : NTPC

Q.1 If  $\sec \theta - \operatorname{cosec} \theta = 0$ , then the value of  $2 \sin 2\theta - 3 \cos 2\theta$  is:

Ans

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

Question ID : 9489118573  
Option 1 ID : 94891134291  
Option 2 ID : 94891134290  
Option 3 ID : 94891134289  
Option 4 ID : 94891134292  
Status : Answered  
Chosen Option : 2

Q.2 What was the main focus of the first Five Year Plan of India?

Ans

1. Development of research and development related to space  
 2. Development of primary sector with focus on agriculture  
 3. Growth of information technology  
 4. Rapid development of heavy industries

Question ID : 9489116228  
Option 1 ID : 94891124912  
Option 2 ID : 94891124910  
Option 3 ID : 94891124911  
Option 4 ID : 94891124909  
Status : Answered  
Chosen Option : 2

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Q.3 What do paintings at Ajanta caves illustrate?

- Ans
- 1. Ramayana tales
  - 2. Mahabharata tales
  - 3. Jataka tales
  - 4. Stories from vedas

Question ID : 9489116209  
Option 1 ID : 94891124835  
Option 2 ID : 94891124834  
Option 3 ID : 94891124833  
Option 4 ID : 94891124836  
Status : Answered  
Chosen Option : 3

Q.4 What is the ancient name of Iran?

- Ans
- 1. Mesopotamia
  - 2. Ceylon
  - 3. Gaul
  - 4. Persia

Question ID : 9489116225  
Option 1 ID : 94891124899  
Option 2 ID : 94891124900  
Option 3 ID : 94891124897  
Option 4 ID : 94891124898  
Status : Answered  
Chosen Option : 4

Q.5 If  $x = 12$  and  $y = 7$ , then the value of  $\left(\frac{x^2 + y^2 - xy}{x^3 + y^3}\right)$  is:

- Ans
- 1.  $\frac{2}{19}$
  - 2.  $\frac{1}{19}$
  - 3.  $\frac{1}{2}$
  - 4.  $\frac{1}{5}$

Question ID : 9489118547  
Option 1 ID : 94891134188  
Option 2 ID : 94891134186  
Option 3 ID : 94891134185  
Option 4 ID : 94891134187  
Status : Answered  
Chosen Option : 2

**Q.6** The difference between the compound interest and the simple interest on a principal sum of ₹24,000 in 2 years at same rate of interest is ₹60. The rate of interest is:

- Ans**
- 1. 7%
  - 2. 6%
  - 3. 8%
  - 4. 5%

Question ID : 9489118560  
Option 1 ID : 94891134239  
Option 2 ID : 94891134238  
Option 3 ID : 94891134240  
Option 4 ID : 94891134237  
Status : Answered  
Chosen Option : 4

**Q.7** If the length, breadth and height of a room are 20 m, 25 m and 35 m, respectively, then what will be the total surface area of the four walls of the room?

- Ans**
- 1. 3145 m<sup>2</sup>
  - 2. 3140 m<sup>2</sup>
  - 3. 3150 m<sup>2</sup>
  - 4. 3155 m<sup>2</sup>

Question ID : 9489118566  
Option 1 ID : 94891134263  
Option 2 ID : 94891134264  
Option 3 ID : 94891134262  
Option 4 ID : 94891134261  
Status : Answered  
Chosen Option : 3

**Q.8** If one angle of a parallelogram is 28° less than thrice the smallest angle, then the largest angle of the parallelogram is:

- Ans**
- 1. 126°
  - 2. 124°
  - 3. 122°
  - 4. 128°

Question ID : 9489118572  
Option 1 ID : 94891134287  
Option 2 ID : 94891134286  
Option 3 ID : 94891134285  
Option 4 ID : 94891134288  
Status : Answered  
Chosen Option : 3

Q.9 In a certain code language, FURNITURE is written as RUFTINERU. How will FOUNTAINS be written as in that language?

- Ans
- 1. NIATNSUOF
  - 2. UOFATNSNI
  - 3. UOFNTNISI
  - 4. OFNUATSNI

Question ID : 9489116377  
Option 1 ID : 94891125506  
Option 2 ID : 94891125508  
Option 3 ID : 94891125507  
Option 4 ID : 94891125505  
Status : Answered  
Chosen Option : 2

Q.10 If Z = 26 and ACT = 24, then BAT will be equal to:

- Ans
- 1. 23
  - 2. 21
  - 3. 26
  - 4. 24

Question ID : 9489116381  
Option 1 ID : 94891125522  
Option 2 ID : 94891125523  
Option 3 ID : 94891125521  
Option 4 ID : 94891125524  
Status : Answered  
Chosen Option : 1

Q.11 Which one of these comprises the Golden Quadrilateral?

- Ans
- 1. Delhi-Jaipur-Agra-Meerut
  - 2. Delhi-Mumbai-Bangalore-Kolkata
  - 3. Delhi-Pune-Chennai-Bhubaneshwar
  - 4. Delhi-Mumbai-Chennai-Kolkata

Question ID : 9489116243  
Option 1 ID : 94891124969  
Option 2 ID : 94891124971  
Option 3 ID : 94891124972  
Option 4 ID : 94891124970  
Status : Answered  
Chosen Option : 4

Q.12 Where in India was the most complete fossil of rare dinosaur-Ichthyosaur found in 2016?

- Ans
- 1. Madhya Pradesh
  - 2. Gujarat
  - 3. Arunachal Pradesh
  - 4. Rajasthan

Question ID : 9489116230  
Option 1 ID : 94891124920  
Option 2 ID : 94891124918  
Option 3 ID : 94891124919  
Option 4 ID : 94891124917  
Status : Answered  
Chosen Option : 2

Q.13 What is the function of alveoli?

- Ans
- 1. To help digest food
  - 2. To provide a surface where exchange of gases takes place
  - 3. To aid in absorption of food
  - 4. To purify blood

Question ID : 9489116215  
Option 1 ID : 94891124858  
Option 2 ID : 94891124857  
Option 3 ID : 94891124859  
Option 4 ID : 94891124860  
Status : Answered  
Chosen Option : 2

Q.14 X and Y can complete a task in 28 days and 20 days, respectively. X started the task alone. After 4 days Y joined him till the completion of the task. How long did the task last?

- Ans
- 1. 10 days
  - 2. 12 days
  - 3. 8 days
  - 4. 14 days

Question ID : 9489118561  
Option 1 ID : 94891134243  
Option 2 ID : 94891134242  
Option 3 ID : 94891134244  
Option 4 ID : 94891134241  
Status : Answered  
Chosen Option : 1

Q.15 Name the strait that divides Morocco and Spain.

- Ans
- 1. English Channel
  - 2. Strait of Gibraltar
  - 3. Hudson Strait
  - 4. Bering Strait

Question ID : 9489116226  
Option 1 ID : 94891124901  
Option 2 ID : 94891124903  
Option 3 ID : 94891124902  
Option 4 ID : 94891124904  
Status : Answered  
Chosen Option : 2

Q.16 How does most of India's foreign trade take place?

- Ans
- 1. Through land and sea routes
  - 2. Through sea and air routes
  - 3. Through land and air routes
  - 4. Equally through land, air and sea routes each

Question ID : 9489116239  
Option 1 ID : 94891124954  
Option 2 ID : 94891124955  
Option 3 ID : 94891124953  
Option 4 ID : 94891124956  
Status : Answered  
Chosen Option : 2

Q.17 A sum of money becomes ₹6,400 in 2 years and ₹8,100 in 4 years on compound interest. Find the rate of compound interest.

- Ans
- 1. 14.5%
  - 2. 10.5%
  - 3. 12.5%
  - 4. 16.5%

Question ID : 9489118558  
Option 1 ID : 94891134231  
Option 2 ID : 94891134229  
Option 3 ID : 94891134230  
Option 4 ID : 94891134232  
Status : Marked For Review  
Chosen Option : 2

Q.18 Name the famous Indian writer who has written novels like 'Untouchable' and 'Coolie'.

- Ans
- 1. Anita Desai
  - 2. Mulk Raj Anand
  - 3. RK Narayan
  - 4. Kamla Das

Question ID : 9489116208  
Option 1 ID : 94891124831  
Option 2 ID : 94891124830  
Option 3 ID : 94891124829  
Option 4 ID : 94891124832  
Status : Answered  
Chosen Option : 2

Q.19 There are five friends X, Y, Z, U and V. They are compared on the basis of height. Height of no two friends is same. U is shorter than Y but taller than X. Z is the tallest. X is taller than V. Who is the third tallest?

- Ans
- 1. U
  - 2. X
  - 3. V
  - 4. Y

Question ID : 9489116402  
Option 1 ID : 94891125607  
Option 2 ID : 94891125605  
Option 3 ID : 94891125608  
Option 4 ID : 94891125606  
Status : Answered  
Chosen Option : 1

Q.20 Who was the founder of the Mizo National Front (MNF)?

- Ans
- 1. Khuangchera
  - 2. Chawngbawla
  - 3. Laldenga
  - 4. Lalnunmawia

Question ID : 9489116229  
Option 1 ID : 94891124916  
Option 2 ID : 94891124915  
Option 3 ID : 94891124913  
Option 4 ID : 94891124914  
Status : Not Answered  
Chosen Option : --



Q.21 The laws of inheritance were discovered by:

- Ans
- 1. Charles Darwin
  - 2. Archibald Garrod
  - 3. Hugo de Vries
  - 4. Gregor Mendel

Question ID : 9489116212  
Option 1 ID : 94891124846  
Option 2 ID : 94891124845  
Option 3 ID : 94891124848  
Option 4 ID : 94891124847  
Status : Answered  
Chosen Option : 4

Q.22 A television manufacturer earns a profit of 10% by selling one TV set for ₹24,750. If the production cost is increased by 15%, then what should be the new selling price of the TV set so as to gain a profit of 15%?

- Ans
- 1. ₹27,756.25
  - 2. ₹29,756.25
  - 3. ₹28,756.25
  - 4. ₹26,756.25

Question ID : 9489118559  
Option 1 ID : 94891134235  
Option 2 ID : 94891134233  
Option 3 ID : 94891134234  
Option 4 ID : 94891134236  
Status : Answered  
Chosen Option : 2

Q.23 Who out of the following led the Khilafat movement?

- Ans
- 1. Muhammad Ali Jinnah
  - 2. Bakht Khan
  - 3. Zakir Hussain
  - 4. Shaukat Ali

Question ID : 9489116221  
Option 1 ID : 94891124881  
Option 2 ID : 94891124884  
Option 3 ID : 94891124882  
Option 4 ID : 94891124883  
Status : Answered  
Chosen Option : 2

Q.24 Which of the following is different from the rest?

Venus, Mars, Iapetus, Jupiter

- Ans
- 1. Iapetus
  - 2. Venus
  - 3. Jupiter
  - 4. Mars

Question ID : 9489116395

Option 1 ID : 94891125578

Option 2 ID : 94891125580

Option 3 ID : 94891125579

Option 4 ID : 94891125577

Status : Answered

Chosen Option : 1

Q.25 Arrange the following in a meaningful order.

A. Pupa B. Imago C. Larva D. Egg

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

Question ID : 9489116399

Option 1 ID : 94891125596

Option 2 ID : 94891125593

Option 3 ID : 94891125595

Option 4 ID : 94891125594

Status : Answered

Chosen Option : 3

Q.26 What is the name of the first dedicated Indian astronomy mission that is aimed at studying celestial sources in X-ray, optical and UV spectral bands simultaneously?

- Ans
- 1. OpticoSat
  - 2. AstroSat
  - 3. XtroSat
  - 4. AstroMat

Question ID : 9489116231

Option 1 ID : 94891124924

Option 2 ID : 94891124923

Option 3 ID : 94891124922

Option 4 ID : 94891124921

Status : Answered

Chosen Option : 2

Q.27 What is the correct full form of MPEG from below?

- Ans
- 1. Micro Pictures Expert Group
  - 2. Many Pictures Expert Group
  - 3. Moving Picture Experts Group
  - 4. Motion Pictures Expert Group

Question ID : 9489116236  
Option 1 ID : 94891124944  
Option 2 ID : 94891124943  
Option 3 ID : 94891124942  
Option 4 ID : 94891124941  
Status : Answered  
Chosen Option : 3

Q.28 Find the difference between median and mode of the following data:

2, 3, 5, 7, 2, 3, 3, 5, 7 and 9.

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

Question ID : 9489118571  
Option 1 ID : 94891134283  
Option 2 ID : 94891134284  
Option 3 ID : 94891134282  
Option 4 ID : 94891134281  
Status : Not Answered  
Chosen Option : --

Q.29 Pointing to a lady, Raman said, "The son of her only brother is the brother of my wife". How is the lady related to Raman?

- Ans
- 1. Wife's mother
  - 2. Wife's father's sister
  - 3. Wife's brother's wife
  - 4. Father's sister

Question ID : 9489116379  
Option 1 ID : 94891125515  
Option 2 ID : 94891125516  
Option 3 ID : 94891125513  
Option 4 ID : 94891125514  
Status : Answered  
Chosen Option : 4

**Q.30** Sohan decreased his expenses by 25%. Later, he decreased them further by 10%. By what percentage did his expenses decrease altogether?

- Ans**
- 1. 32.5%
  - 2. 34.5%
  - 3. 33.5%
  - 4. 31.5%

Question ID : 9489118557  
 Option 1 ID : 94891134226  
 Option 2 ID : 94891134228  
 Option 3 ID : 94891134227  
 Option 4 ID : 94891134225  
 Status : Answered  
 Chosen Option : 1

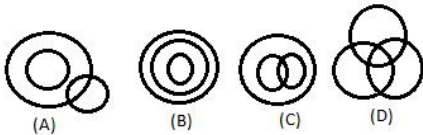
**Q.31** The minimum value of  $11\sin^2\theta + 12\cos^2\theta$  is:

- Ans**
- 1. 12
  - 2. 0
  - 3. 11
  - 4. 1

Question ID : 9489118568  
 Option 1 ID : 94891134270  
 Option 2 ID : 94891134271  
 Option 3 ID : 94891134269  
 Option 4 ID : 94891134272  
 Status : Marked For Review  
 Chosen Option : 2

**Q.32** Select the Venn diagram that best represents the relationship between the following classes.

Women, Married women, Lady doctor.



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

Question ID : 9489116396  
 Option 1 ID : 94891125584  
 Option 2 ID : 94891125582  
 Option 3 ID : 94891125583  
 Option 4 ID : 94891125581  
 Status : Answered  
 Chosen Option : 2

Q.33 If  $\sin \theta - \operatorname{cosec} \theta = \sqrt{2}$ , then the value of  $\sin^3 \theta - \operatorname{cosec}^3 \theta$  is:

- Ans
- 1.  $2\sqrt{3}$
  - 2. 0
  - 3.  $\frac{1}{\sqrt{2}}$
  - 4.  $5\sqrt{2}$

Question ID : 9489118570  
Option 1 ID : 94891134278  
Option 2 ID : 94891134280  
Option 3 ID : 94891134277  
Option 4 ID : 94891134279  
Status : Not Answered  
Chosen Option : --

Q.34 The approach based on the idea that 'organisms which are more distantly related will accumulate a greater number of differences in their DNA' is called?

- Ans
- 1. The DNA study
  - 2. Morphological approach
  - 3. Molecular phylogeny
  - 4. Metamorphosis

Question ID : 9489116216  
Option 1 ID : 94891124861  
Option 2 ID : 94891124863  
Option 3 ID : 94891124862  
Option 4 ID : 94891124864  
Status : Not Answered  
Chosen Option : --

Q.35 The capacity of two pots is 132 litres and 69 litres, respectively. Find the maximum capacity of a container that can exactly measure the content of the two pots.

- Ans
- 1. 3040 cc
  - 2. 3060 cc
  - 3. 3000 cc
  - 4. 3080 cc

Question ID : 9489118552  
Option 1 ID : 94891134207  
Option 2 ID : 94891134206  
Option 3 ID : 94891134208  
Option 4 ID : 94891134205  
Status : Answered  
Chosen Option : 2

**Q.36** The sum of two numbers is 72. Their HCF and LCM are 2 and 102, respectively. The sum of the reciprocals of the same two numbers is:

- Ans**
- 1.  $\frac{5}{17}$
  - 2.  $\frac{6}{17}$
  - 3.  $\frac{7}{19}$
  - 4.  $\frac{8}{19}$

Question ID : 9489118550  
 Option 1 ID : 94891134200  
 Option 2 ID : 94891134198  
 Option 3 ID : 94891134197  
 Option 4 ID : 94891134199  
 Status : Answered  
 Chosen Option : 2

**Q.37** Valence electrons are present in the:

- Ans**
- 1. innermost as well as outermost shell of an atom
  - 2. innermost shell of an atom
  - 3. just outside an atom
  - 4. outermost shell of an atom

Question ID : 9489116211  
 Option 1 ID : 94891124844  
 Option 2 ID : 94891124841  
 Option 3 ID : 94891124843  
 Option 4 ID : 94891124842  
 Status : Answered  
 Chosen Option : 4

**Q.38** If  $x : y = 4 : 3$ , then the value of  $x^3 - y^3 : x^3 + y^3$  is:

- Ans**
- 1. 36 : 91
  - 2. 38 : 91
  - 3. 39 : 91
  - 4. 37 : 91

Question ID : 9489118556  
 Option 1 ID : 94891134224  
 Option 2 ID : 94891134222  
 Option 3 ID : 94891134221  
 Option 4 ID : 94891134223  
 Status : Answered  
 Chosen Option : 4

Q.39 Kharai Camels are known to mainly feed on:

- Ans
- 1. Cactus
  - 2. Mangroves
  - 3. Joshua tree
  - 4. Brittlebush

Question ID : 9489116206  
Option 1 ID : 94891124821  
Option 2 ID : 94891124822  
Option 3 ID : 94891124824  
Option 4 ID : 94891124823  
Status : Answered  
Chosen Option : 2

Q.40 Which of the following country follow more than one time zones?

- Ans
- 1. USA
  - 2. Argentina
  - 3. China
  - 4. India

Question ID : 9489116222  
Option 1 ID : 94891124888  
Option 2 ID : 94891124887  
Option 3 ID : 94891124885  
Option 4 ID : 94891124886  
Status : Marked For Review  
Chosen Option : 3

Q.41 The sum of two numbers is 40 and their product is 60. The sum of their reciprocals is:

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

Question ID : 9489118564  
Option 1 ID : 94891134255  
Option 2 ID : 94891134253  
Option 3 ID : 94891134254  
Option 4 ID : 94891134256  
Status : Answered  
Chosen Option : 1

Q.42 Members of Rajya Sabha are elected for the duration of:

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

Question ID : 9489116227  
Option 1 ID : 94891124907  
Option 2 ID : 94891124908  
Option 3 ID : 94891124905  
Option 4 ID : 94891124906  
Status : Answered  
Chosen Option : 2

Q.43 Karan works twice as fast as Shyam. Working together, they can complete a task in 20 days. In how many days will Karan alone complete the same task?

- Ans
- 1. 28 days
  - 2. 26 days
  - 3. 30 days
  - 4. 32 days

Question ID : 9489118562  
Option 1 ID : 94891134246  
Option 2 ID : 94891134245  
Option 3 ID : 94891134247  
Option 4 ID : 94891134248  
Status : Answered  
Chosen Option : 3

Q.44 The angles of a quadrilateral are in the ratio of 5 : 8 : 10 : 13. The smallest of these angles is:

- Ans
- 1.  $50^\circ$
  - 2.  $55^\circ$
  - 3.  $45^\circ$
  - 4.  $35^\circ$

Question ID : 9489118569  
Option 1 ID : 94891134275  
Option 2 ID : 94891134276  
Option 3 ID : 94891134274  
Option 4 ID : 94891134273  
Status : Answered  
Chosen Option : 1



Q.45 What is the sum of the cubes of the natural numbers from 5 to 14?

- Ans
- 1. 10920
  - 2. 10925
  - 3. 10930
  - 4. 10935

Question ID : 9489118546  
Option 1 ID : 94891134181  
Option 2 ID : 94891134182  
Option 3 ID : 94891134183  
Option 4 ID : 94891134184  
Status : Not Answered  
Chosen Option : --

Q.46 What must be subtracted from each of the numbers 26, 44, 56 and 104 so that the remainders are in proportion?

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

Question ID : 9489118554  
Option 1 ID : 94891134213  
Option 2 ID : 94891134216  
Option 3 ID : 94891134215  
Option 4 ID : 94891134214  
Status : Not Answered  
Chosen Option : --

Q.47 What is the smallest five-digit number formed by using the digits 2, 3, 4, 0, 5?

- Ans
- 1. 20345
  - 2. 23045
  - 3. 20435
  - 4. 02345

Question ID : 9489118545  
Option 1 ID : 94891134177  
Option 2 ID : 94891134179  
Option 3 ID : 94891134180  
Option 4 ID : 94891134178  
Status : Answered  
Chosen Option : 1

Q.48 Select the number that can replace the question mark (?) in the following series.

4, 13, 27, 82, 165, ?

- Ans
- 1. 497
  - 2. 495
  - 3. 494
  - 4. 496

Question ID : 9489116383  
Option 1 ID : 94891125532  
Option 2 ID : 94891125530  
Option 3 ID : 94891125529  
Option 4 ID : 94891125531  
Status : Answered  
Chosen Option : 4

Q.49 Two numbers are in the ratio of 9 : 11. If 6 added to each number, then the ratio becomes 6 : 7. Find the greater number.

- Ans
- 1. 22
  - 2. 19
  - 3. 25
  - 4. 28

Question ID : 9489118555  
Option 1 ID : 94891134218  
Option 2 ID : 94891134217  
Option 3 ID : 94891134219  
Option 4 ID : 94891134220  
Status : Answered  
Chosen Option : 1

Q.50 Pick the odd one out.

Rectangle, Triangle, Square, Parallelogram

- Ans
- 1. Triangle
  - 2. Parallelogram
  - 3. Rectangle
  - 4. Square

Question ID : 9489116393  
Option 1 ID : 94891125571  
Option 2 ID : 94891125569  
Option 3 ID : 94891125572  
Option 4 ID : 94891125570  
Status : Answered  
Chosen Option : 1

Q.51 If a, b, c, d and e are the digits of a number beginning from the left, then the number is:

- Ans
- 1.  $100a + 10b + 10c + d + e$
  - 2.  $1000a + 100b + 10c + 1d + e$
  - 3. edcba
  - 4.  $10^4a + 10^3b + 10^2c + 10d + e$

Question ID : 9489118549  
Option 1 ID : 94891134193  
Option 2 ID : 94891134195  
Option 3 ID : 94891134196  
Option 4 ID : 94891134194  
Status : Answered  
Chosen Option : 4

Q.52 Who coined the phrase 'Survival of the fittest'?

- Ans
- 1. Archimedes
  - 2. Herbert Spencer
  - 3. Charles Darwin
  - 4. Albert Einstein

Question ID : 9489116213  
Option 1 ID : 94891124850  
Option 2 ID : 94891124852  
Option 3 ID : 94891124851  
Option 4 ID : 94891124849  
Status : Answered  
Chosen Option : 2

Q.53 If J denotes addition, G denotes subtraction, M denotes multiplication, and B denotes division, then which of the following equations will NOT be correct?

- Ans
- 1.  $8M2G6B3J7 = 21$
  - 2.  $4G16B2J6M5 = 26$
  - 3.  $6M5J4B2G10 = 22$
  - 4.  $6B2M8G10J4 = 20$

Question ID : 9489116388  
Option 1 ID : 94891125549  
Option 2 ID : 94891125551  
Option 3 ID : 94891125552  
Option 4 ID : 94891125550  
Status : Not Answered  
Chosen Option : --

**Q.54** In a right circular cylinder, the ratio of the curved surface area to the total surface area is 5 : 9. Find the ratio of the height of the cylinder to the radius of the cylinder.

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

Question ID : 9489118567  
Option 1 ID : 94891134266  
Option 2 ID : 94891134267  
Option 3 ID : 94891134268  
Option 4 ID : 94891134265  
Status : Answered  
Chosen Option : 2

**Q.55** Which of the following is a garrison town?

- Ans**
- 1. Surat
  - 2. Udaipur
  - 3. Jalandhar
  - 4. Kota

Question ID : 9489116224  
Option 1 ID : 94891124896  
Option 2 ID : 94891124893  
Option 3 ID : 94891124894  
Option 4 ID : 94891124895  
Status : Not Answered  
Chosen Option : --

**Q.56** How many columns are there in a sheet of Excel 2010?

- Ans**
- 1. 16024
  - 2. 1024
  - 3. 16384
  - 4. 1600

Question ID : 9489116237  
Option 1 ID : 94891124947  
Option 2 ID : 94891124946  
Option 3 ID : 94891124945  
Option 4 ID : 94891124948  
Status : Not Answered  
Chosen Option : --

Q.57 Where are one-horned rhinoceros is found in India?

- Ans  1. Assam  
 2. Madhya Pradesh  
 3. Bihar  
 4. Meghalaya

Question ID : 9489116214  
Option 1 ID : 94891124855  
Option 2 ID : 94891124853  
Option 3 ID : 94891124854  
Option 4 ID : 94891124856  
Status : Answered  
Chosen Option : 1

Q.58 There were 12 boys who got trapped in a cave in June 2018. A huge exercise had to be carried to rescue them. It became an internationally famous incident. Which country did this incident happen in?

- Ans  1. Thailand  
 2. Bhutan  
 3. Burma  
 4. Malaysia

Question ID : 9489116204  
Option 1 ID : 94891124815  
Option 2 ID : 94891124814  
Option 3 ID : 94891124813  
Option 4 ID : 94891124816  
Status : Not Answered  
Chosen Option : --

Q.59 Shubham said, "I have no brother or sister. This man in the photograph is the husband of my mother's daughter-in-law". Whose photograph is Shubham referring to?

- Ans  1. Son-in-law  
 2. Son  
 3. Cousin  
 4. Self

Question ID : 9489116378  
Option 1 ID : 94891125512  
Option 2 ID : 94891125509  
Option 3 ID : 94891125511  
Option 4 ID : 94891125510  
Status : Answered  
Chosen Option : 1

Q.60 As of 30th November 2020, how many countries are members of the International Monetary Fund (IMF)?

- Ans
- 1. 89
  - 2. 190
  - 3. 198
  - 4. 99

Question ID : 9489116233  
Option 1 ID : 94891124929  
Option 2 ID : 94891124931  
Option 3 ID : 94891124932  
Option 4 ID : 94891124930  
Status : Answered  
Chosen Option : 2

Q.61 Which among the following is the largest unit of memory of a computer system?

- Ans
- 1. Exabyte
  - 2. Yottabyte
  - 3. Petabyte
  - 4. Zetabyte

Question ID : 9489116238  
Option 1 ID : 94891124951  
Option 2 ID : 94891124952  
Option 3 ID : 94891124950  
Option 4 ID : 94891124949  
Status : Answered  
Chosen Option : 2

Q.62 Select the letter that can replace the question mark (?) in the following series.

70, V, 63, R, 56, O, 49, ?

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

Question ID : 9489116385  
Option 1 ID : 94891125537  
Option 2 ID : 94891125539  
Option 3 ID : 94891125540  
Option 4 ID : 94891125538  
Status : Answered  
Chosen Option : 3

Q.63 Which traveller from Uzbekistan visited India in the 11th Century?

- Ans
- 1. Ibn Battuta
  - 2. Al-Beruni
  - 3. Mahmud Wali Balkhi
  - 4. Seydi Ali Reis

Question ID : 9489116210  
Option 1 ID : 94891124837  
Option 2 ID : 94891124838  
Option 3 ID : 94891124839  
Option 4 ID : 94891124840  
Status : Answered  
Chosen Option : 2

Q.64 What is G-7?

- Ans
- 1. 7 sister states of India
  - 2. 7 seas of the world
  - 3. 7 continents of the world
  - 4. 7 IMF-described advanced economies in the world

Question ID : 9489116235  
Option 1 ID : 94891124940  
Option 2 ID : 94891124938  
Option 3 ID : 94891124937  
Option 4 ID : 94891124939  
Status : Answered  
Chosen Option : 4

Q.65 What is the name of the world's smallest spacecraft launched by India?

- Ans
- 1. Sparkle
  - 2. Spring
  - 3. Sprites
  - 4. Star

Question ID : 9489116232  
Option 1 ID : 94891124928  
Option 2 ID : 94891124925  
Option 3 ID : 94891124926  
Option 4 ID : 94891124927  
Status : Answered  
Chosen Option : 2

**Q.66** The lengths of 2 adjacent sides of a square are increased by 35% and 25%. The area of the resulting rectangle exceeds the area of the square by:

- Ans**
- 1. 69.75%
  - 2. 70.75%
  - 3. 67.75%
  - 4. 68.75%

Question ID : 9489118565  
Option 1 ID : 94891134259  
Option 2 ID : 94891134260  
Option 3 ID : 94891134257  
Option 4 ID : 94891134258  
Status : Answered  
Chosen Option : 1

**Q.67** A tailor can make 5 pieces out of 1 m of cloth. He has 57.6 m of cloth. How many pieces can he make out of this cloth?

- Ans**
- 1. 288
  - 2. 289
  - 3. 290
  - 4. 286

Question ID : 9489118553  
Option 1 ID : 94891134210  
Option 2 ID : 94891134211  
Option 3 ID : 94891134212  
Option 4 ID : 94891134209  
Status : Answered  
Chosen Option : 1

**Q.68** Who designed the 'Statue of Unity', which was inaugurated by Prime Minister Narendra Modi on 31st October 2018?

- Ans**
- 1. Krishna Reddy
  - 2. Ram Vanji Sutar
  - 3. S. N. Ganapathy
  - 4. Ramkinkar Baij

Question ID : 9489116207  
Option 1 ID : 94891124825  
Option 2 ID : 94891124826  
Option 3 ID : 94891124827  
Option 4 ID : 94891124828  
Status : Answered  
Chosen Option : 2



Q.69 In which city of India did the East India Company set up their first trading center?

- Ans
- 1. Delhi
  - 2. Mumbai
  - 3. Ahmedabad
  - 4. Surat

Question ID : 9489116218  
Option 1 ID : 94891124872  
Option 2 ID : 94891124870  
Option 3 ID : 94891124869  
Option 4 ID : 94891124871  
Status : Answered  
Chosen Option : 4

Q.70 World Bamboo Day is celebrated every year on \_\_\_\_\_.

- Ans
- 1. 30<sup>th</sup> December
  - 2. 10<sup>th</sup> March
  - 3. 10<sup>th</sup> July
  - 4. 18<sup>th</sup> September

Question ID : 9489116205  
Option 1 ID : 94891124820  
Option 2 ID : 94891124819  
Option 3 ID : 94891124818  
Option 4 ID : 94891124817  
Status : Not Answered  
Chosen Option : --

Q.71 Five friends P, Q, R, S and T are compared on the basis of their height (not necessarily in the same order). Height of T is between P and Q. T is taller than S. R's height is more than P and T.

Which of the following sequence of their height cannot be possible?

- I.  $R > P > T > Q > S$
- II.  $R > S > Q > T > P$
- III.  $Q > R > T > S > P$

- Ans
- 1. Only II
  - 2. II and III
  - 3. I and III
  - 4. Only I

Question ID : 9489116403  
Option 1 ID : 94891125610  
Option 2 ID : 94891125612  
Option 3 ID : 94891125611  
Option 4 ID : 94891125609  
Status : Answered  
Chosen Option : 3

Q.72 X and Y can finish a task in 15 days and 20 days, respectively. The capacity of Z is  $\frac{5}{2}$  times that of X. Working together, in how many days will X, Y and Z finish the same task?

- Ans
- 1.  $3\frac{9}{17}$  days
  - 2.  $3\frac{8}{17}$  days
  - 3.  $3\frac{7}{17}$  days
  - 4.  $3\frac{6}{17}$  days

Question ID : 9489118563  
Option 1 ID : 94891134249  
Option 2 ID : 94891134250  
Option 3 ID : 94891134251  
Option 4 ID : 94891134252  
Status : Answered  
Chosen Option : 1

Q.73 The east coast of India is a:

- Ans
- 1. coast with fjords
  - 2. low sedimentary coast
  - 3. concordant coastline
  - 4. rocky retreating coast

Question ID : 9489116223  
Option 1 ID : 94891124891  
Option 2 ID : 94891124889  
Option 3 ID : 94891124892  
Option 4 ID : 94891124890  
Status : Not Answered  
Chosen Option : --

Q.74 When did the Central Industrial Security Force come into existence in India?

- Ans
- 1. 1989
  - 2. 1990
  - 3. 1970
  - 4. 1969

Question ID : 9489116240  
Option 1 ID : 94891124959  
Option 2 ID : 94891124960  
Option 3 ID : 94891124958  
Option 4 ID : 94891124957  
Status : Marked For Review  
Chosen Option : 3

Q.75 Which of the following is a part of 'global commons'?

- Ans
- 1. Asia
  - 2. Africa
  - 3. Antarctica
  - 4. Australia

Question ID : 9489116234  
Option 1 ID : 94891124933  
Option 2 ID : 94891124935  
Option 3 ID : 94891124936  
Option 4 ID : 94891124934  
Status : Answered  
Chosen Option : 3

Q.76 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

**Statement:**

On his second visit, the doctor changed the prescription.

**Assumptions:**

- I. The patient did not show improvement with the earlier prescription.
- II. The patient did not take the earlier prescription seriously.

- Ans
- 1. Only assumption II is implicit.
  - 2. Both assumptions I and II are implicit.
  - 3. Only assumption I is implicit.
  - 4. None of the assumptions is implicit.

Question ID : 9489116382  
Option 1 ID : 94891125526  
Option 2 ID : 94891125527  
Option 3 ID : 94891125525  
Option 4 ID : 94891125528  
Status : Not Answered  
Chosen Option : --

Q.77 In which year was the British East India Company formed?

- Ans
- 1. 1700
  - 2. 1650
  - 3. 1600
  - 4. 1750

Question ID : 9489116217  
Option 1 ID : 94891124867  
Option 2 ID : 94891124866  
Option 3 ID : 94891124865  
Option 4 ID : 94891124868  
Status : Answered  
Chosen Option : 3

Q.78 The difference between the greatest and the smallest six-digit numbers is:

- Ans
- 1. 888888
  - 2. 899999
  - 3. 988888
  - 4. 999999

Question ID : 9489118544  
Option 1 ID : 94891134173  
Option 2 ID : 94891134174  
Option 3 ID : 94891134175  
Option 4 ID : 94891134176  
Status : Answered  
Chosen Option : 2

Q.79 Congress Party observed 26th January 1930 as :

- Ans
- 1. Republic Day
  - 2. Independence Day
  - 3. Bharat Diwas
  - 4. Silent Protest Day

Question ID : 9489116220  
Option 1 ID : 94891124880  
Option 2 ID : 94891124878  
Option 3 ID : 94891124879  
Option 4 ID : 94891124877  
Status : Answered  
Chosen Option : 2

Q.80 If  $11 = \frac{11x}{1-x}$ , then the value of  $(2x)^2$  is:

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

Question ID : 9489118548  
Option 1 ID : 94891134192  
Option 2 ID : 94891134190  
Option 3 ID : 94891134191  
Option 4 ID : 94891134189  
Status : Answered  
Chosen Option : 4

**Q.81** Read the following information carefully and answer the question that follows.

Sahil and Rohan are good at hockey and baseball. Gautam, Sahil and Mahesh are good at football and baseball. Kaushal and Gautam are good at cricket and volleyball. Kaushal and Rohan are good at hockey and volleyball.

Who is good at volleyball, hockey and baseball?

- Ans**
- 1. Sahil
  - 2. Kaushal
  - 3. Gautam
  - 4. Rohan

Question ID : 9489116401  
Option 1 ID : 94891125602  
Option 2 ID : 94891125604  
Option 3 ID : 94891125603  
Option 4 ID : 94891125601  
Status : Not Answered  
Chosen Option : --

**Q.82** In which Indian city was the first successful Cotton mill set up?

- Ans**
- 1. Kolkata
  - 2. Mumbai
  - 3. Chennai
  - 4. Patna

Question ID : 9489116241  
Option 1 ID : 94891124962  
Option 2 ID : 94891124961  
Option 3 ID : 94891124963  
Option 4 ID : 94891124964  
Status : Answered  
Chosen Option : 2

**Q.83** Where was the Muslim League founded?

- Ans**
- 1. Lucknow
  - 2. Kanpur
  - 3. Dhaka
  - 4. Bihar

Question ID : 9489116219  
Option 1 ID : 94891124873  
Option 2 ID : 94891124875  
Option 3 ID : 94891124876  
Option 4 ID : 94891124874  
Status : Answered  
Chosen Option : 3

**Q.84** Origin of State Bank of India (SBI) goes back to the year:

- Ans
- ✓ 1. 1806
  - ✗ 2. 1951
  - ✗ 3. 1948
  - ✗ 4. 1851

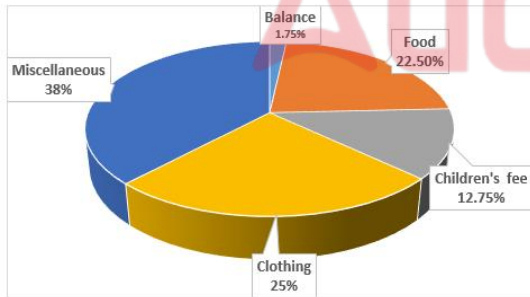
Question ID : 9489116242  
 Option 1 ID : 94891124965  
 Option 2 ID : 94891124967  
 Option 3 ID : 94891124966  
 Option 4 ID : 94891124968  
 Status : Answered  
 Chosen Option : 4

**Q.85** The HCF and LCM of two numbers are 60 and 420, respectively. If the first number is divided by 2, then the quotient is 60. The second number is:

- Ans
- ✗ 1. 150
  - ✗ 2. 190
  - ✗ 3. 170
  - ✓ 4. 210

Question ID : 9489118551  
 Option 1 ID : 94891134201  
 Option 2 ID : 94891134203  
 Option 3 ID : 94891134202  
 Option 4 ID : 94891134204  
 Status : Answered  
 Chosen Option : 4

**Q.86** Study the following pie diagram and answer the question that follows.



Approximately how many degrees of the central angle would represent expenditure on children's fees?

- Ans
- ✗ 1. 50°
  - ✗ 2. 44°
  - ✓ 3. 46°
  - ✗ 4. 42°

Question ID : 9489116389  
 Option 1 ID : 94891125556  
 Option 2 ID : 94891125554  
 Option 3 ID : 94891125555  
 Option 4 ID : 94891125553  
 Status : Answered  
 Chosen Option : 3

**Q.87** The given table presents the sales figures of physics and chemistry books in the years 2003, 2004, 2005 and 2006.

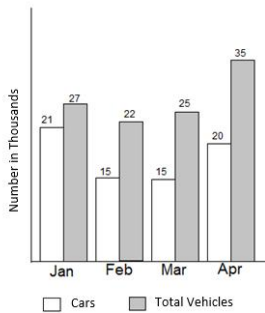
Year	2003	2004	2005	2006
Physics	300	425	475	515
Chemistry	450	550	590	700

In which year was the difference in the sale of the two subject books the least?

- Ans**
- 1. 2006
  - 2. 2004
  - 3. 2005
  - 4. 2003

Question ID : **9489116390**  
 Option 1 ID : **94891125560**  
 Option 2 ID : **94891125558**  
 Option 3 ID : **94891125559**  
 Option 4 ID : **94891125557**  
 Status : **Answered**  
 Chosen Option : **3**

**Q.88** Study the given bar graph that shows the registration of cars and total vehicles for the first four months of the year 2015 in Delhi and answer the question that follows.

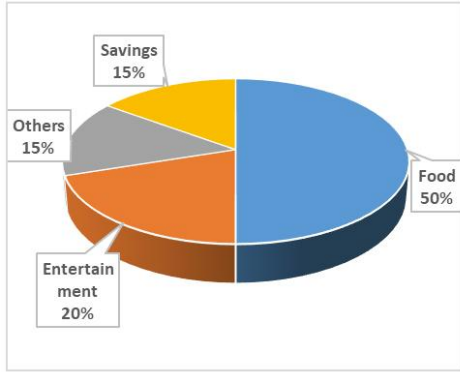


How many more vehicles, other than cars, were registered in April 2015 compared to January 2015?

- Ans**
- 1. 8000
  - 2. 15000
  - 3. 5000
  - 4. 9000

Question ID : **9489116391**  
 Option 1 ID : **94891125562**  
 Option 2 ID : **94891125563**  
 Option 3 ID : **94891125561**  
 Option 4 ID : **94891125564**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.89** The given pie diagram shows how a student spent his pocket money amounting to ₹3,500 during the course of a month.



How much more money (in ₹) did he spend on food as compared with what he spent on entertainment?

- Ans**
- 1. 875
  - 2. 700
  - 3. 1,050
  - 4. 525

Question ID : 9489116392  
 Option 1 ID : 94891125566  
 Option 2 ID : 94891125567  
 Option 3 ID : 94891125565  
 Option 4 ID : 94891125568  
 Status : Answered  
 Chosen Option : 3

**Q.90** Which of the given options arranges the following in a logical order.

A. Bihar B. Nagaland C. Uttar Pradesh D. Rajasthan E. Assam

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

Question ID : 9489116400  
 Option 1 ID : 94891125597  
 Option 2 ID : 94891125598  
 Option 3 ID : 94891125600  
 Option 4 ID : 94891125599  
 Status : Answered  
 Chosen Option : 3



**Q.91** Study the given pattern carefully and select the number that can replace the question mark (?) in it.



- Ans**
- 1. 17
  - 2. 13
  - 3. 15
  - 4. 19

Question ID : 9489116387  
 Option 1 ID : 94891125546  
 Option 2 ID : 94891125548  
 Option 3 ID : 94891125547  
 Option 4 ID : 94891125545  
 Status : Not Answered  
 Chosen Option : --

**Q.92** Which of the following is NOT similar to the rest?

Coat, Shirt, Jacket, Sweater

- Ans**
- 1. Coat
  - 2. Shirt
  - 3. Sweater
  - 4. Jacket



Question ID : 9489116394  
 Option 1 ID : 94891125575  
 Option 2 ID : 94891125576  
 Option 3 ID : 94891125573  
 Option 4 ID : 94891125574  
 Status : Answered  
 Chosen Option : 2

**Q.93** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

Some papers are pencils.

Some pencils are boards.

**Conclusions:**

I. No paper is a board.

II. All papers are boards.

III. Some boards are not papers.

- Ans**
- 1. Either I or II follows.
  - 2. Only conclusion III follows.
  - 3. None of the conclusions follows.
  - 4. Only conclusion I follows.

Question ID : 9489116380  
Option 1 ID : 94891125518  
Option 2 ID : 94891125519  
Option 3 ID : 94891125520  
Option 4 ID : 94891125517  
Status : Answered  
Chosen Option : 3

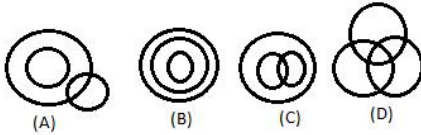
**Q.94** 'Hand' is related to 'Finger' in the same way as 'Pen' is related to '\_\_\_\_\_'.  
\_\_\_\_\_

- Ans**
- 1. Holder
  - 2. Ink
  - 3. Pencil
  - 4. Nib

Question ID : 9489116374  
Option 1 ID : 94891125494  
Option 2 ID : 94891125493  
Option 3 ID : 94891125496  
Option 4 ID : 94891125495  
Status : Answered  
Chosen Option : 4

**Q.95** Select the Venn diagram that best represents the relationship between the following classes.

Mothers, Females, Sisters



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

Question ID : 9489116397  
 Option 1 ID : 94891125585  
 Option 2 ID : 94891125587  
 Option 3 ID : 94891125586  
 Option 4 ID : 94891125588  
 Status : Answered  
 Chosen Option : 4

**Q.96** Select the option that is related to the third term in the same way as the second term is related to the first term.

Carpenter : Saw :: Blacksmith : ?

- Ans
- 1. Wood
  - 2. Hammer
  - 3. Gold
  - 4. Metal

Question ID : 9489116375  
 Option 1 ID : 94891125500  
 Option 2 ID : 94891125497  
 Option 3 ID : 94891125499  
 Option 4 ID : 94891125498  
 Status : Answered  
 Chosen Option : 2

**Q.97** In a certain code language, KNIFE is written as PMRUV. How will PAINTING be written as in that language?

- Ans
- 1. KZNIGRGN
  - 2. KARNGIMG
  - 3. KZRMGRMT
  - 4. GNITNIAD

Question ID : 9489116376  
 Option 1 ID : 94891125504  
 Option 2 ID : 94891125502  
 Option 3 ID : 94891125501  
 Option 4 ID : 94891125503  
 Status : Answered  
 Chosen Option : 3

Q.98 Select the number that can replace the question mark (?) in the following series.

223, 111, ?, 27, 13, 6.

- Ans
- 1. 56
  - 2. 54
  - 3. 52
  - 4. 55

Question ID : 9489116386  
Option 1 ID : 94891125542  
Option 2 ID : 94891125543  
Option 3 ID : 94891125544  
Option 4 ID : 94891125541  
Status : Answered  
Chosen Option : 4

Q.99 Identify the letter that does NOT belong to the following series.

X, U, Q, M, F, Y

- Ans
- 1. Y
  - 2. F
  - 3. Q
  - 4. M

Question ID : 9489116384  
Option 1 ID : 94891125533  
Option 2 ID : 94891125536  
Option 3 ID : 94891125535  
Option 4 ID : 94891125534  
Status : Answered  
Chosen Option : 4

Q.100 If a cube of  $3'' \times 3'' \times 3''$  is painted on all sides and then cut into 27 smaller cubes of  $1'' \times 1'' \times 1''$ , then how many such smaller cubes will be there that are painted only on two sides?

- Ans
- 1. 8
  - 2. 16
  - 3. 4
  - 4. 12

Question ID : 9489116398  
Option 1 ID : 94891125590  
Option 2 ID : 94891125592  
Option 3 ID : 94891125589  
Option 4 ID : 94891125591  
Status : Answered  
Chosen Option : 4