



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



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Test Center Name	
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.

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 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

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^2
 - ☒ 2. 3140 m^2
 - ☒ 3. 3150 m^2
 - ☒ 4. 3155 m^2

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 twice the adjacent 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 RUFFINERU. 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-Bhubaneswar
 - ☒ 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 18 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 V but taller than X. Z is the tallest. X is taller than Y. 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, Ramani said, "The son of her only brother is the brother of my wife". How is the lady related to Ramani?

- 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 Karu works twice as fast as Stryan. Working together, they can complete a task in 20 days. In how many days will Karu 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°
 - ☐ 2. 55°
 - ☐ 3. 45°
 - ☐ 4. 35°

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 38, 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 8 : 1. 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 D 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 3 : 5. 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 Shobham 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 Shobham 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 be 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. 30th December
 - ☒ 2. 10th March
 - ☒ 3. 10th July
 - ☒ 4. 18th 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 $\frac{5}{8}$ 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 Madhuk 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 1, 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

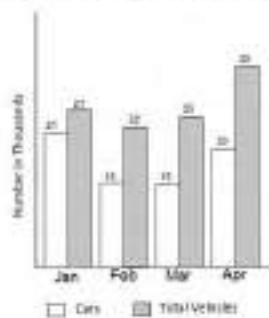
Option 3 ID : 94891125559

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

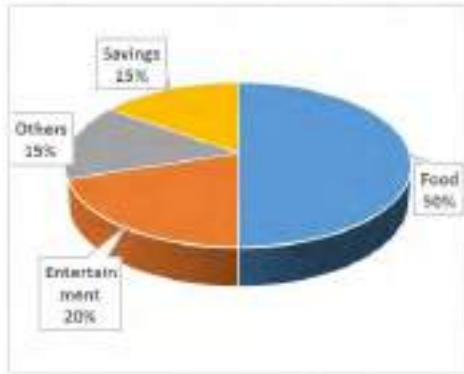
Option 3 ID : 94891125561

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

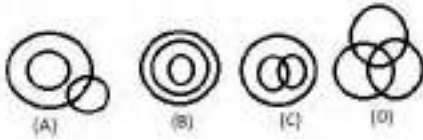
Option 4 ID : 94891125495

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