



# 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 | Gyansthal Mahavidyalaya |
| Test Date        | 15/03/2021              |
| 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  $a - 5 = b$ , then what is the value of  $|a - b| + |b - a|$  ?

- Ans
- ☒ 1. 5
  - ☒ 2. 10
  - ☒ 3. 0
  - ☒ 4. -5

Question ID : 94891110446  
Option 1 ID : 94891141782  
Option 2 ID : 94891141781  
Option 3 ID : 94891141784  
Option 4 ID : 94891141783

Status : Answered

Chosen Option : 2

Q.2 A car covers a distance of 600 m in 5 min. What is the speed of car?

- Ans
- ☒ 1. 8.2 km/h
  - ☒ 2. 8.5 km/h
  - ☒ 3. 7.2 km/h
  - ☒ 4. 9.2 km/h

Question ID : 94891110461  
Option 1 ID : 94891141841  
Option 2 ID : 94891141844  
Option 3 ID : 94891141842  
Option 4 ID : 94891141843

Status : Answered

Chosen Option : 3

Q.3 If  $x = 25$  and  $y = 13$  then find:

$$\sqrt{x^2 - 2xy + y^2}$$

- Ans
- ☒ 1. 10
  - ☒ 2. 38
  - ☒ 3. 13
  - ☒ 4. 12

Question ID : 94891110447

Option 1 ID : 94891141785

Option 2 ID : 94891141788

Option 3 ID : 94891141787

Option 4 ID : 94891141786

Status : Answered

Chosen Option : 4

Q.4 The Kullu valley with the Lahaul and Spiti valleys in Himachal Pradesh is connected by the \_\_\_\_\_.

- Ans
- ☒ 1. Mayali pass
  - ☒ 2. Nathula pass
  - ☒ 3. Rohtang pass
  - ☒ 4. Bara-Lacha pass

Question ID : 94891110725

Option 1 ID : 94891142900

Option 2 ID : 94891142897

Option 3 ID : 94891142898

Option 4 ID : 94891142899

Status : Answered

Chosen Option : 4

Q.5 What would be the highest value of X in the given equation?

$$5Y6 + 6X7 + 3Z8 = 1511$$

- Ans
- ☒ 1. 6
  - ☒ 2. 7
  - ☒ 3. 9
  - ☒ 4. 5

Question ID : 94891110452

Option 1 ID : 94891141807

Option 2 ID : 94891141808

Option 3 ID : 94891141806

Option 4 ID : 94891141805

Status : Answered

Chosen Option : 3

Q.6 A circle of radius 8 cm circumscribed a square. The length of the side of the square is:

- Ans
- ☒ 1.  $2\sqrt{2}$  cm
  - ☒ 2.  $6\sqrt{2}$  cm
  - ☒ 3.  $4\sqrt{2}$  cm
  - ☒ 4.  $8\sqrt{2}$  cm

Question ID : 94891110473  
Option 1 ID : 94891141889  
Option 2 ID : 94891141891  
Option 3 ID : 94891141890  
Option 4 ID : 94891141892  
Status : Answered  
Chosen Option : 4

Q.7 Which of the following is a 'Maharatna' company?

- Ans
- ☒ 1. Hindustan Aeronautics Limited
  - ☒ 2. Oil India Limited
  - ☒ 3. Bharat Petroleum Corporation Limited
  - ☒ 4. Bharat Electronics Limited (BEL)

Question ID : 94891110740  
Option 1 ID : 94891142960  
Option 2 ID : 94891142958  
Option 3 ID : 94891142959  
Option 4 ID : 94891142957  
Status : Answered  
Chosen Option : 3

Q.8 If the difference between the compound interest and the simple interest on a certain sum of money for 2 years at 5% per annum is ₹16.32, find the sum (in ₹).

- Ans
- ☒ 1. 6,538
  - ☒ 2. 6,529
  - ☒ 3. 6,526
  - ☒ 4. 6,528

Question ID : 94891110460  
Option 1 ID : 94891141839  
Option 2 ID : 94891141837  
Option 3 ID : 94891141838  
Option 4 ID : 94891141840  
Status : Answered  
Chosen Option : 4

Q.9 Select the option that will fill in the blank and complete the given series.

A9B, B125C, C49D, D729E, \_\_\_\_

- Ans
- ☒ 1. G221H
  - ☒ 2. F122G
  - ☒ 3. E36F
  - ☒ 4. E121F

Question ID : 94891110287

Option 1 ID : 94891141148

Option 2 ID : 94891141147

Option 3 ID : 94891141145

Option 4 ID : 94891141146

Status : Answered

Chosen Option : 4

Q.10 Walking at the rate of 3 km/h a man covers a certain distance in 8 hours. If the man runs at a speed of 16 km/h, then how much time will he take to cover the same distance?

- Ans
- ☒ 1. 1.5 hours
  - ☒ 2. 2 hours
  - ☒ 3. 1 hour
  - ☒ 4. 2.5 hours

Question ID : 94891110462

Option 1 ID : 94891141846

Option 2 ID : 94891141847

Option 3 ID : 94891141845

Option 4 ID : 94891141848

Status : Answered

Chosen Option : 1

Q.11 Durand cup is associated with which game?

- Ans
- ☒ 1. Hockey
  - ☒ 2. Football
  - ☒ 3. Table tennis
  - ☒ 4. Basket ball

Question ID : 94891110704

Option 1 ID : 94891142815

Option 2 ID : 94891142816

Option 3 ID : 94891142813

Option 4 ID : 94891142814

Status : Answered

Chosen Option : 1

Q.12 The original name of Mahabharata is:

- Ans
- ☒ 1. Jaya Samhita
  - ☐ 2. Bhrigu Samhita
  - ☐ 3. Shiva Samhita
  - ☐ 4. Sushruta Samhita

Question ID : 94891110717

Option 1 ID : 94891142867

Option 2 ID : 94891142865

Option 3 ID : 94891142866

Option 4 ID : 94891142868

Status : Answered

Chosen Option : 1

Q.13 The battle of Haldighati was fought in:

- Ans
- ☐ 1. 1568
  - ☐ 2. 1584
  - ☒ 3. 1576
  - ☐ 4. 1552

Question ID : 94891110720

Option 1 ID : 94891142878

Option 2 ID : 94891142880

Option 3 ID : 94891142879

Option 4 ID : 94891142877

Status : Answered

Chosen Option : 3

**Q.14** Divide ₹20,609 between A and B, such that the amount (in ₹) of A after 7 years is equal to the amount (in ₹) of B after 9 years, if the interest being compounded yearly at 3% per annum.

Ans

$A = ₹10,605$

 1.

$B = ₹10,004$

$A = ₹10,601$

 2.

$B = ₹10,008$

$A = ₹10,509$

 3.

$B = ₹10,100$

$A = ₹10,609$

 4.

$B = ₹10,000$

Question ID : 94891110457

Option 1 ID : 94891141828

Option 2 ID : 94891141827

Option 3 ID : 94891141826

Option 4 ID : 94891141825

Status : Not Answered

Chosen Option : --

**Q.15** The power of the President to promulgate ordinances during recess of the parliament is given in which article of the Indian Constitution?

Ans

 1. Article 123

 2. Article 63

 3. Article 352

 4. Article 52

Question ID : 94891110727

Option 1 ID : 94891142907

Option 2 ID : 94891142906

Option 3 ID : 94891142908

Option 4 ID : 94891142905

Status : Answered

Chosen Option : 1

**Q.16** In which country did the environment ministers of the G7 nations meet in 2019 to discuss alarming report on the state of the planet?

- Ans
- ☐ 1. Germany
  - ☐ 2. Canada
  - ☒ 3. France
  - ☐ 4. Italy

Question ID : 94891110734

Option 1 ID : 94891142933

Option 2 ID : 94891142936

Option 3 ID : 94891142934

Option 4 ID : 94891142935

Status : Answered

Chosen Option : 3

**Q.17** In a certain code language, SCHOOL is coded as the number 72. What number will FLOWER be coded as in that language?

- Ans
- ☐ 1. 89
  - ☒ 2. 79
  - ☐ 3. 54
  - ☐ 4. 71

Question ID : 94891110295

Option 1 ID : 94891141179

Option 2 ID : 94891141177

Option 3 ID : 94891141180

Option 4 ID : 94891141178

Status : Answered

Chosen Option : 2

**Q.18** Which of the following is a membrane-bound sac filled with digestive enzymes?

- Ans
- ☐ 1. Mitochondria
  - ☒ 2. Lysosomes
  - ☐ 3. Golgi apparatus
  - ☐ 4. Vacuoles

Question ID : 94891110714

Option 1 ID : 94891142855

Option 2 ID : 94891142854

Option 3 ID : 94891142853

Option 4 ID : 94891142856

Status : Answered

Chosen Option : 1

Q.19 Mouse and \_\_\_\_\_ are also examples of input devices.

- Ans
- ☒ 1. Speakers
  - ☒ 2. Printer
  - ☒ 3. Scanner
  - ☒ 4. Monitor

Question ID : 94891110738  
Option 1 ID : 94891142952  
Option 2 ID : 94891142949  
Option 3 ID : 94891142950  
Option 4 ID : 94891142951  
Status : Answered  
Chosen Option : 3

Q.20 What is the name of the engineer who brought to light the ruins at Hampi?

- Ans
- ☒ 1. Matthew Boulton
  - ☒ 2. Edward Barlow
  - ☒ 3. James Atkinson
  - ☒ 4. Colonel Colin Mackenzie

Question ID : 94891110710  
Option 1 ID : 94891142839  
Option 2 ID : 94891142838  
Option 3 ID : 94891142837  
Option 4 ID : 94891142840  
Status : Not Answered  
Chosen Option : --

Q.21 Pick the odd one out.

Eastern Railway, Western Railway, West Coast Railway, East Coast Railway

- Ans
- ☒ 1. Eastern Railway
  - ☒ 2. West Coast Railway
  - ☒ 3. East Coast Railway
  - ☒ 4. Western Railway

Question ID : 94891110293  
Option 1 ID : 94891141169  
Option 2 ID : 94891141171  
Option 3 ID : 94891141172  
Option 4 ID : 94891141170  
Status : Answered  
Chosen Option : 3

Q.22 If today is a Tuesday, what will be the 64th day from today?

- Ans
- ☒ 1. Tuesday
  - ☒ 2. Thursday
  - ☒ 3. Wednesday
  - ☒ 4. Friday

Question ID : 94891110283  
Option 1 ID : 94891141132  
Option 2 ID : 94891141131  
Option 3 ID : 94891141129  
Option 4 ID : 94891141130  
Status : Answered  
Chosen Option : 3

Q.23 Kolkata metro rail was opened for commercial services in \_\_\_\_\_.

- Ans
- ☒ 1. 1980
  - ☒ 2. 1984
  - ☒ 3. 2004
  - ☒ 4. 1992

Question ID : 94891110742  
Option 1 ID : 94891142965  
Option 2 ID : 94891142966  
Option 3 ID : 94891142968  
Option 4 ID : 94891142967  
Status : Answered  
Chosen Option : 4

Q.24 Cobalt is present in which vitamin?

- Ans
- ☒ 1. Vitamin B1
  - ☒ 2. Vitamin B5
  - ☒ 3. Vitamin B3
  - ☒ 4. Vitamin B12

Question ID : 94891110712  
Option 1 ID : 94891142845  
Option 2 ID : 94891142847  
Option 3 ID : 94891142846  
Option 4 ID : 94891142848  
Status : Answered  
Chosen Option : 1

Q.25

Find the value of  $\sqrt{58\frac{7}{9}}$ 

Ans

 1.  $7\frac{7}{9}$

 2.  $2\frac{7}{9}$

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

 4.  $7\frac{2}{3}$

Question ID : 94891110448

Option 1 ID : 94891141792

Option 2 ID : 94891141790

Option 3 ID : 94891141791

Option 4 ID : 94891141789

Status : Answered

Chosen Option : 4

Q.26 A and B can complete a piece of work in 56 and 70 days respectively. They began the work together but A left after some days and B finished the remaining work in 34 days. After how many days did A leave?

Ans

 1. 12

 2. 15

 3. 16

 4. 9

Question ID : 94891110463

Option 1 ID : 94891141852

Option 2 ID : 94891141850

Option 3 ID : 94891141849

Option 4 ID : 94891141851

Status : Answered

Chosen Option : 3

Q.27 If  $p : q = 9 : 2$ , then find the ratio  $(4p + 7q) : (4p - 7q)$

Ans

 1. 50 : 13

 2. 25 : 11

 3. 11 : 13

 4. 11 : 6

Question ID : 94891110454

Option 1 ID : 94891141815

Option 2 ID : 94891141814

Option 3 ID : 94891141816

Option 4 ID : 94891141813

Status : Answered

Chosen Option : 2

Q.28 Ozone layer thickness is measured in:

- Ans
- ☒ 1. Dobson unit
  - ☐ 2. decibels
  - ☐ 3. del unit
  - ☐ 4. Sievert unit

Question ID : 94891110735

Option 1 ID : 94891142939

Option 2 ID : 94891142937

Option 3 ID : 94891142938

Option 4 ID : 94891142940

Status : Answered

Chosen Option : 1

Q.29 Tulughama is a:

- Ans
- ☐ 1. water conservation method used by Akbar
  - ☐ 2. punishment given to criminals by Jahangir
  - ☒ 3. military strategy used by Babur
  - ☐ 4. tax imposed by Jahangir

Question ID : 94891110718

Option 1 ID : 94891142871

Option 2 ID : 94891142872

Option 3 ID : 94891142869

Option 4 ID : 94891142870

Status : Answered

Chosen Option : 3

**Q.30** 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:

- 1) All goats are cats.
- 2) All cats are rats.

Conclusions:

- 1) Some rats are cats
- 2) All rats are goat

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

Question ID : 94891110282

Option 1 ID : 94891141126

Option 2 ID : 94891141127

Option 3 ID : 94891141125

Option 4 ID : 94891141128

Status : Answered

Chosen Option : 3

**Q.31** Dholavira is in the State of:

- Ans**
-  1. Jharkhand
  -  2. Gujarat
  -  3. Rajasthan
  -  4. Chhattisgarh

Question ID : 94891110719

Option 1 ID : 94891142873

Option 2 ID : 94891142875

Option 3 ID : 94891142876

Option 4 ID : 94891142874

Status : Answered

Chosen Option : 3

**Q.32** Select the option that is related to the third term in the same way as the second term is related to the first term.

15 August : Freedom :: 26 January : ?

- Ans
- ☐ 1. Secularism
  - ☐ 2. Parliament
  - ☐ 3. Democracy
  - ☒ 4. Constitution

Question ID : 94891110274  
Option 1 ID : 94891141096  
Option 2 ID : 94891141094  
Option 3 ID : 94891141095  
Option 4 ID : 94891141093  
Status : Answered  
Chosen Option : 4

**Q.33** The second schedule of the Indian constitution deals with:

- Ans
- ☐ 1. Forms of oaths and affirmations
  - ☐ 2. List of states & union territories
  - ☐ 3. Allocation of seats in council of states
  - ☒ 4. Salary of President, Governors, Chief Judges, Judges of High Court and Supreme Court

Question ID : 94891110728  
Option 1 ID : 94891142910  
Option 2 ID : 94891142911  
Option 3 ID : 94891142912  
Option 4 ID : 94891142909  
Status : Answered  
Chosen Option : 2

**Q.34** \_\_\_\_\_ was the largest producer of Uranium in the world in 2019.

- Ans
- ☐ 1. Russia
  - ☐ 2. Australia
  - ☒ 3. Kazakhstan
  - ☐ 4. Namibia

Question ID : 94891110724  
Option 1 ID : 94891142896  
Option 2 ID : 94891142893  
Option 3 ID : 94891142894  
Option 4 ID : 94891142895  
Status : Answered  
Chosen Option : 3

Q.35 The Ramsar Convention is for the:

- Ans
- ☒ 1. conservation of soil fertility
  - ☒ 2. conservation of tropical forests
  - ☒ 3. conservation of wetlands
  - ☒ 4. control of ozone layer depletion

Question ID : 94891110733

Option 1 ID : 94891142932

Option 2 ID : 94891142931

Option 3 ID : 94891142929

Option 4 ID : 94891142930

Status : Answered

Chosen Option : 3

Q.36 The selling price of 150 items is equal to the cost price of 125 items. What will be the percentage loss?

- Ans
- ☒ 1.  $16\frac{2}{3}$
  - ☒ 2.  $15\frac{1}{3}$
  - ☒ 3.  $11\frac{1}{9}$
  - ☒ 4.  $16\frac{1}{3}$

Question ID : 94891110458

Option 1 ID : 94891141831

Option 2 ID : 94891141832

Option 3 ID : 94891141830

Option 4 ID : 94891141829

Status : Answered

Chosen Option : 1

Q.37 What will be the correct sequence of the following words if they are arranged as per their order in an English dictionary?

Process, Possess, Purpose, Propose

- Ans
- ☒ 1. Possess, Purpose, Propose, Process
  - ☒ 2. Possess, Propose, Process, Purpose
  - ☒ 3. Possess, Process, Purpose, Propose
  - ☒ 4. Possess, Process, Propose, Purpose

Question ID : 94891110301

Option 1 ID : 94891141204

Option 2 ID : 94891141201

Option 3 ID : 94891141202

Option 4 ID : 94891141203

Status : Answered

Chosen Option : 4

Q.38 Find the value of x.

$$1\frac{1}{5} - 3\frac{2}{4} \div 1\frac{3}{4} \div \left(x + 3\frac{1}{8}\right) \div 1\frac{1}{7} = 1$$

Ans

 1.  $x = 3\frac{3}{8}$

 2.  $x = 7\frac{5}{8}$

 3.  $x = 5\frac{5}{8}$

 4.  $x = 3\frac{5}{8}$

Question ID : 94891110453

Option 1 ID : 94891141811

Option 2 ID : 94891141812

Option 3 ID : 94891141810

Option 4 ID : 94891141809

Status : Answered

Chosen Option : 3

Q.39 Find the second term in a sequence of numbers that leaves the remainders 1, 2 and 7 when divided by 2, 3 and 8 respectively.

Ans

 1. 38

 2. 37

 3. 48

 4. 47

Question ID : 94891110451

Option 1 ID : 94891141804

Option 2 ID : 94891141802

Option 3 ID : 94891141801

Option 4 ID : 94891141803

Status : Answered

Chosen Option : 4

**Q.40** 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:

- 1) All boys are chefs.
- 2) All chefs are villagers.

Conclusions:

- 1) All boys are villagers.
- 2) All Chefs are boys

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

Question ID : 94891110281

Option 1 ID : 94891141122

Option 2 ID : 94891141123

Option 3 ID : 94891141121

Option 4 ID : 94891141124

Status : Answered

Chosen Option : 3

**Q.41** August Kranti is also known as the \_\_\_\_\_ Movement.

- Ans**
-  1. Khilafat
  -  2. Quit India
  -  3. Home Rule
  -  4. Swadeshi

Question ID : 94891110721

Option 1 ID : 94891142884

Option 2 ID : 94891142882

Option 3 ID : 94891142883

Option 4 ID : 94891142881

Status : Answered

Chosen Option : 2

Q.42 What is the value of  $\sin 15^\circ$  ?

Ans

 1.  $\frac{\sqrt{6} - \sqrt{2}}{3}$

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

 3.  $\frac{\sqrt{6} - \sqrt{2}}{2}$

 4.  $\frac{\sqrt{6} - \sqrt{2}}{4}$

Question ID : 94891110471

Option 1 ID : 94891141881

Option 2 ID : 94891141883

Option 3 ID : 94891141882

Option 4 ID : 94891141884

Status : Answered

Chosen Option : 4

Q.43 Select the number that will come next in the following series.

2, 6, 12, 20, ?

Ans

 1. 30

 2. 35

 3. 28

 4. 25

Question ID : 94891110286

Option 1 ID : 94891141141

Option 2 ID : 94891141143

Option 3 ID : 94891141144

Option 4 ID : 94891141142

Status : Answered

Chosen Option : 1

Q.44 Select the number that will come next in the following series.

4, 27, 16, 125, ?

- Ans ☒ 1. 36  
☒ 2. 18  
☒ 3. 216  
☒ 4. 24

Question ID : 94891110284

Option 1 ID : 94891141135

Option 2 ID : 94891141136

Option 3 ID : 94891141134

Option 4 ID : 94891141133

Status : Answered

Chosen Option : 1

Q.45 Find the value of  $ab$ , if  $a + b = 5$  and  $a^2 - b^2 = 75$

- Ans ☒ 1. 25  
☒ 2. 50  
☒ 3. -50  
☒ 4. 10

Question ID : 94891110445

Option 1 ID : 94891141780

Option 2 ID : 94891141777

Option 3 ID : 94891141778

Option 4 ID : 94891141779

Status : Answered

Chosen Option : 3

Q.46 \_\_\_\_\_ is a sulphur containing amino acid.

- Ans ☒ 1. Cysteine  
☒ 2. Histidine  
☒ 3. Tryptophan  
☒ 4. Serine

Question ID : 94891110716

Option 1 ID : 94891142862

Option 2 ID : 94891142863

Option 3 ID : 94891142861

Option 4 ID : 94891142864

Status : Not Answered

Chosen Option : --

**Q.47** The system of scientific naming or nomenclature of organism which we use today was introduced by which of the following scientists?

- Ans**
-  1. George Washington Carver
  -  2. Carolus Linnaeus
  -  3. Marie Curie
  -  4. Charles Darwin

Question ID : 94891110715

Option 1 ID : 94891142857

Option 2 ID : 94891142859

Option 3 ID : 94891142858

Option 4 ID : 94891142860

Status : Answered

Chosen Option : 2

**Q.48** A sucrose molecule contains \_\_\_\_ carbon atoms.

- Ans**
-  1. 15
  -  2. 18
  -  3. 6
  -  4. 12

Question ID : 94891110711

Option 1 ID : 94891142843

Option 2 ID : 94891142844

Option 3 ID : 94891142841

Option 4 ID : 94891142842

Status : Not Answered

Chosen Option : --

**Q.49** Who among the following was one of the finest calligraphers at Akbar's court, who was honoured with the title 'Zarrin Qalam' (golden pen)?

- Ans**
-  1. Abul Fazal
  -  2. Muhammad Husayn
  -  3. Daswant
  -  4. Basawan

Question ID : 94891110709

Option 1 ID : 94891142836

Option 2 ID : 94891142833

Option 3 ID : 94891142834

Option 4 ID : 94891142835

Status : Answered

Chosen Option : 1

Q.50 Which of the following Indian states has minimum area?

- Ans
- ☐ 1. Rajasthan
  - ☐ 2. Maharashtra
  - ☒ 3. Uttar Pradesh
  - ☐ 4. Madhya Pradesh

Question ID : 94891110723

Option 1 ID : 94891142889

Option 2 ID : 94891142890

Option 3 ID : 94891142891

Option 4 ID : 94891142892

Status : Answered

Chosen Option : 3

Q.51 Article 17 of the Indian Constitution enforces the:

- Ans
- ☐ 1. right to education
  - ☐ 2. right to freedom of religion
  - ☐ 3. joint sitting of both houses in certain cases
  - ☒ 4. abolition of the practice of untouchability

Question ID : 94891110729

Option 1 ID : 94891142913

Option 2 ID : 94891142915

Option 3 ID : 94891142916

Option 4 ID : 94891142914

Status : Answered

Chosen Option : 4

Q.52 X-band synthetic aperture radar has been used in which satellite?

- Ans
- ☐ 1. CARTOSAT-2B
  - ☒ 2. RISAT-2B
  - ☐ 3. INSAT-4B
  - ☐ 4. GSAT-12

Question ID : 94891110732

Option 1 ID : 94891142928

Option 2 ID : 94891142926

Option 3 ID : 94891142925

Option 4 ID : 94891142927

Status : Not Answered

Chosen Option : --

Q.53

Find the value of  $3(x+y)$  if  $x = \frac{\sqrt{3}+1}{\sqrt{3}-1}$  and  $y = \frac{\sqrt{3}-1}{\sqrt{3}+1}$

- Ans
- ☒ 1. 10
  - ☒ 2. 8
  - ☒ 3. 12
  - ☒ 4. 13

Question ID : 94891110450

Option 1 ID : 94891141798

Option 2 ID : 94891141799

Option 3 ID : 94891141797

Option 4 ID : 94891141800

Status : Answered

Chosen Option : 3

Q.54 EMISAT is which type of satellite launched by ISRO?

- Ans
- ☒ 1. Remote-sensing satellite
  - ☒ 2. Communications satellite
  - ☒ 3. Navigation satellite
  - ☒ 4. Intelligence satellite

Question ID : 94891110730

Option 1 ID : 94891142920

Option 2 ID : 94891142919

Option 3 ID : 94891142917

Option 4 ID : 94891142918

Status : Answered

Chosen Option : 4

Q.55 10 nibbles are equal to \_\_\_\_\_ bits.

- Ans
- ☒ 1. 60
  - ☒ 2. 40
  - ☒ 3. 20
  - ☒ 4. 80

Question ID : 94891110737

Option 1 ID : 94891142947

Option 2 ID : 94891142946

Option 3 ID : 94891142945

Option 4 ID : 94891142948

Status : Answered

Chosen Option : 2

Q.56 National Highways Authority of India (NHAI) was set up in:

- Ans
- ☒ 1. 2014
  - ☒ 2. 2002
  - ☒ 3. 1952
  - ☒ 4. 1988

Question ID : 94891110739

Option 1 ID : 94891142956

Option 2 ID : 94891142955

Option 3 ID : 94891142953

Option 4 ID : 94891142954

Status : Answered

Chosen Option : 1

Q.57 A square park is surrounded by a path of uniform width 1.5 m all around it. The area of the path is  $225 \text{ m}^2$ . Find the perimeter of the park.

- Ans
- ☒ 1. 144 m
  - ☒ 2. 144.5 m
  - ☒ 3. 143 m
  - ☒ 4. 142 m

Question ID : 94891110464

Option 1 ID : 94891141855

Option 2 ID : 94891141856

Option 3 ID : 94891141854

Option 4 ID : 94891141853

Status : Answered

Chosen Option : 1

Q.58 82% of a number is 738. What is 90% of that number?

- Ans
- ☒ 1. 900
  - ☒ 2. 820
  - ☒ 3. 802
  - ☒ 4. 810

Question ID : 94891110455

Option 1 ID : 94891141817

Option 2 ID : 94891141819

Option 3 ID : 94891141820

Option 4 ID : 94891141818

Status : Answered

Chosen Option : 4

**Q.59** Consider 4th March to be a Wednesday in 2018. What day of the week will it be on 7th March in 2019?

- Ans
- ☒ 1. Sunday
  - ☐ 2. Monday
  - ☐ 3. Tuesday
  - ☐ 4. Wednesday

Question ID : 94891110285  
Option 1 ID : 94891141140  
Option 2 ID : 94891141137  
Option 3 ID : 94891141139  
Option 4 ID : 94891141138  
Status : Answered  
Chosen Option : 1

**Q.60** National Environmental Engineering Research Institute (NEERI) is located at:

- Ans
- ☐ 1. Pune
  - ☐ 2. Nainital
  - ☐ 3. Indore
  - ☒ 4. Nagpur

Question ID : 94891110708  
Option 1 ID : 94891142830  
Option 2 ID : 94891142829  
Option 3 ID : 94891142832  
Option 4 ID : 94891142831  
Status : Answered  
Chosen Option : 2

**Q.61** If a sum invested at simple interest, triples itself in 8 years, how many times of itself will it be in 12 years?

- Ans
- ☐ 1. 3.5 times
  - ☒ 2. 4 times
  - ☐ 3. 5 times
  - ☐ 4. 3 times

Question ID : 94891110459  
Option 1 ID : 94891141836  
Option 2 ID : 94891141834  
Option 3 ID : 94891141835  
Option 4 ID : 94891141833  
Status : Answered  
Chosen Option : 2

Q.62 If  $\left(a^2 + \frac{1}{a^2}\right) = 18$  then find  $\left(a - \frac{1}{a}\right)$

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

Question ID : 94891110466

Option 1 ID : 94891141861

Option 2 ID : 94891141863

Option 3 ID : 94891141862

Option 4 ID : 94891141864

Status : Answered

Chosen Option : 3

Q.63 Which of the following is NOT correctly matched?

- Ans
- ☒ 1. Surat – Tapti river
  - ☒ 2. Lucknow – Gomati river
  - ☒ 3. Ujjain – Kshipra river
  - ☒ 4. Jabalpur – Jhelum river

Question ID : 94891110726

Option 1 ID : 94891142903

Option 2 ID : 94891142901

Option 3 ID : 94891142904

Option 4 ID : 94891142902

Status : Answered

Chosen Option : 4

Q.64 Who won “All England Open Badminton Championships 2019” Men’s Singles Title?

- Ans
- ☒ 1. Mohammad Ahsan
  - ☒ 2. Hendra Setiawan
  - ☒ 3. Kento Momota
  - ☒ 4. Chen Yufei

Question ID : 94891110707

Option 1 ID : 94891142827

Option 2 ID : 94891142828

Option 3 ID : 94891142825

Option 4 ID : 94891142826

Status : Answered

Chosen Option : 1

Q.65 Damodar Valley Corporation operates:

- Ans
- ☒ 1. fertilizer plants
  - ☒ 2. cement plants
  - ☒ 3. thermal power stations
  - ☒ 4. pesticide plants

Question ID : 94891110741

Option 1 ID : 94891142962

Option 2 ID : 94891142964

Option 3 ID : 94891142961

Option 4 ID : 94891142963

Status : Answered

Chosen Option : 4

Q.66 The domain of cosec x is:

- Ans
- ☒ 1.  $\mathbb{R} - \{n\pi | n \in \mathbb{Z}\}$
  - ☒ 2.  $\mathbb{R} - \{2n\pi | n \in \mathbb{Z}\}$
  - ☒ 3.  $\{n\pi | n \in \mathbb{Z}\}$
  - ☒ 4.  $\{2n\pi | n \in \mathbb{Z}\}$

Question ID : 94891110470

Option 1 ID : 94891141879

Option 2 ID : 94891141880

Option 3 ID : 94891141877

Option 4 ID : 94891141878

Status : Not Answered

Chosen Option : --

Q.67 Which of the following is a prime number?

- Ans
- ☒ 1. 213
  - ☒ 2. 173
  - ☒ 3. 123
  - ☒ 4. 143

Question ID : 94891110449

Option 1 ID : 94891141796

Option 2 ID : 94891141793

Option 3 ID : 94891141794

Option 4 ID : 94891141795

Status : Answered

Chosen Option : 2

**Q.68** The values of the mode and the mean are 25.2 and 27.5 respectively in a moderately asymmetrical distribution. Find the value of the median of the distribution.

- Ans**
- ☒ 1. 26.75
  - ☒ 2. 26.70
  - ☒ 3. 26.20
  - ☒ 4. 26.73

Question ID : 94891110469

Option 1 ID : 94891141874

Option 2 ID : 94891141873

Option 3 ID : 94891141876

Option 4 ID : 94891141875

Status : Answered

Chosen Option : 4

**Q.69** Select the option that will fill in the blank and complete the given series.

MU, KS, IQ, GO, \_\_

- Ans**
- ☒ 1. EL
  - ☒ 2. DM
  - ☒ 3. IQ
  - ☒ 4. EM

Question ID : 94891110278

Option 1 ID : 94891141111

Option 2 ID : 94891141112

Option 3 ID : 94891141110

Option 4 ID : 94891141109

Status : Answered

Chosen Option : 4

**Q.70** Which of the following is NOT a GST rate slab in India?

- Ans**
- ☒ 1. 18%
  - ☒ 2. 28%
  - ☒ 3. 5%
  - ☒ 4. 10 %

Question ID : 94891110743

Option 1 ID : 94891142971

Option 2 ID : 94891142972

Option 3 ID : 94891142969

Option 4 ID : 94891142970

Status : Answered

Chosen Option : 4

**Q.71** Select the option that is related to the third term in the same way as the second term is related to the first term.

Music : Concert :: Acting : ?

- Ans**
- ☒ 1. Theatre
  - ☐ 2. Song
  - ☐ 3. Gymnastic
  - ☐ 4. Dance

Question ID : 94891110275

Option 1 ID : 94891141099

Option 2 ID : 94891141098

Option 3 ID : 94891141100

Option 4 ID : 94891141097

Status : Answered

Chosen Option : 1

**Q.72** Pick the odd one out.

Cow, Goat, Rabbit, Cat

- Ans**
- ☒ 1. Cat
  - ☐ 2. Cow
  - ☐ 3. Rabbit
  - ☐ 4. Goat

Question ID : 94891110303

Option 1 ID : 94891141212

Option 2 ID : 94891141209

Option 3 ID : 94891141210

Option 4 ID : 94891141211

Status : Answered

Chosen Option : 1

**Q.73** Calculate the mean for following set of values -

2.2, 4.2, 6.4, 8.3, 10.5

- Ans**
- ☐ 1. 6.50
  - ☐ 2. 6.12
  - ☒ 3. 6.32
  - ☐ 4. 7

Question ID : 94891110468

Option 1 ID : 94891141870

Option 2 ID : 94891141872

Option 3 ID : 94891141869

Option 4 ID : 94891141871

Status : Answered

Chosen Option : 3

Q.74 Which Indian state shares borders with China, Nepal and Bhutan?

- Ans
- ☒ 1. Mizoram
  - ☒ 2. Nagaland
  - ☒ 3. Sikkim
  - ☒ 4. Arunachal Pradesh

Question ID : 94891110722

Option 1 ID : 94891142887

Option 2 ID : 94891142888

Option 3 ID : 94891142885

Option 4 ID : 94891142886

Status : Answered

Chosen Option : 3

Q.75 Simplify.

$$\frac{1}{5.8} + \frac{1}{8.11} + \frac{1}{11.14} + \frac{1}{14.17}$$

- Ans
- ☒ 1.  $\frac{4}{17}$
  - ☒ 2.  $\frac{4}{85}$
  - ☒ 3.  $\frac{24}{85}$
  - ☒ 4.  $\frac{2}{85}$

Question ID : 94891110444

Option 1 ID : 94891141775

Option 2 ID : 94891141776

Option 3 ID : 94891141774

Option 4 ID : 94891141773

Status : Not Answered

Chosen Option : --

Q.76 Muhammad Yunus was awarded Nobel Peace Prize for pioneering work in the field of \_\_\_\_\_.

- Ans
- ☐ 1. civil rights
  - ☐ 2. afforestation
  - ☐ 3. water conservation
  - ☒ 4. microfinance

Question ID : 94891110706

Option 1 ID : 94891142824

Option 2 ID : 94891142821

Option 3 ID : 94891142823

Option 4 ID : 94891142822

Status : Answered

Chosen Option : 3

Q.77 If  $2x + y = 15$ ,  $y + 2z = 17$  and  $x + 2y = 9$ , then the value of  $4x + 3y + z = ?$

- Ans
- ☐ 1. 40
  - ☐ 2. 38
  - ☒ 3. 39
  - ☐ 4. 37

Question ID : 94891110467

Option 1 ID : 94891141868

Option 2 ID : 94891141866

Option 3 ID : 94891141867

Option 4 ID : 94891141865

Status : Answered

Chosen Option : 3

Q.78 .PNG file is a/an:

- Ans
- ☐ 1. audio file
  - ☒ 2. image file
  - ☐ 3. batch file
  - ☐ 4. video file

Question ID : 94891110736

Option 1 ID : 94891142941

Option 2 ID : 94891142942

Option 3 ID : 94891142944

Option 4 ID : 94891142943

Status : Answered

Chosen Option : 2

**Q.79** Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

**Statement:**

RTE has mandated compulsory enrolment of all children of the age 6 to 14 years in the schools.

**Assumptions:**

I: Enrollment needs to be made compulsory as children don't like education.

II: Each child of the country will get quality Education.

- Ans**
- ☒ 1. Either assumption I or assumption II is implicit.
  - ☒ 2. Only assumption I is implicit.
  - ☒ 3. Neither assumption I nor assumption II is implicit.
  - ☒ 4. Only assumption II is implicit.

Question ID : 94891110300

Option 1 ID : 94891141199

Option 2 ID : 94891141197

Option 3 ID : 94891141200

Option 4 ID : 94891141198

Status : Answered

Chosen Option : 2

**Q.80** Which of the following element has maximum density?

- Ans**
- ☒ 1. Lead
  - ☒ 2. Platinum
  - ☒ 3. Mercury
  - ☒ 4. Osmium

Question ID : 94891110713

Option 1 ID : 94891142852

Option 2 ID : 94891142850

Option 3 ID : 94891142849

Option 4 ID : 94891142851

Status : Answered

Chosen Option : 4

**Q.81** Find the number of sides of a regular polygon if each interior angle is  $165^\circ$ .

- Ans**
- ☒ 1. 22
  - ☒ 2. 24
  - ☒ 3. 20
  - ☒ 4. 26

Question ID : 94891110472

Option 1 ID : 94891141887

Option 2 ID : 94891141886

Option 3 ID : 94891141888

Option 4 ID : 94891141885

Status : Answered

Chosen Option : 2

Q.82 Which transport aircraft of the Indian Air Force is certified to fly on blended aviation fuel?

- Ans
- ☒ 1. Sukhoi Su-30
  - ☒ 2. AN-32
  - ☒ 3. Mirage 2000
  - ☒ 4. MiG-29

Question ID : 94891110731

Option 1 ID : 94891142923

Option 2 ID : 94891142922

Option 3 ID : 94891142921

Option 4 ID : 94891142924

Status : Answered

Chosen Option : 4

Q.83 When 106 is subtracted from a number, it reduces to its 47%. What is 11.5% of that number?

- Ans
- ☒ 1. 32
  - ☒ 2. 31
  - ☒ 3. 23
  - ☒ 4. 13

Question ID : 94891110456

Option 1 ID : 94891141821

Option 2 ID : 94891141824

Option 3 ID : 94891141822

Option 4 ID : 94891141823

Status : Answered

Chosen Option : 3

Q.84 Find the area of a triangle whose sides are 5 cm, 7 cm and 11 cm.

- Ans
- ☒ 1.  $12.27 \text{ cm}^2$
  - ☒ 2.  $12.50 \text{ cm}^2$
  - ☒ 3.  $12.97 \text{ cm}^2$
  - ☒ 4.  $12.30 \text{ cm}^2$

Question ID : 94891110465

Option 1 ID : 94891141859

Option 2 ID : 94891141857

Option 3 ID : 94891141858

Option 4 ID : 94891141860

Status : Not Answered

Chosen Option : --

Q.85 The Olympic games of 2024 will be held in \_\_\_\_\_.

- Ans
-  1. Los Angeles
  -  2. Ghana
  -  3. Tokyo
  -  4. Paris

Question ID : 94891110705  
Option 1 ID : 94891142818  
Option 2 ID : 94891142820  
Option 3 ID : 94891142819  
Option 4 ID : 94891142817  
Status : Answered  
Chosen Option : 4

Q.86 Eight friends F1, F2, F3, F4, F5, F6, F7 and F8 are sitting around a circular table facing towards the centre (not necessarily in the same order). F2 is not the neighbour of F1 or F8. Only F6 is between F2 and F5. F2 is second to the left of F7. F4 is second to the right of F3.

Which of the following could be correct position of F1?

- Ans
-  1. Third to the left of F5
  -  2. Immediate left of F4
  -  3. Third to the left of F6
  -  4. Second to the left of F7

Question ID : 94891110289  
Option 1 ID : 94891141153  
Option 2 ID : 94891141155  
Option 3 ID : 94891141154  
Option 4 ID : 94891141156  
Status : Answered  
Chosen Option : 3

Q.87 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

ACEG : PRTV :: SUWY : ?

- Ans
-  1. HJLN
  -  2. GIKM
  -  3. HFDB
  -  4. HKLM

Question ID : 94891110290  
Option 1 ID : 94891141158  
Option 2 ID : 94891141157  
Option 3 ID : 94891141159  
Option 4 ID : 94891141160  
Status : Answered  
Chosen Option : 1

**Q.88** A question is given, followed by two arguments. Decide which of the arguments is/are strong with respect to the question.

**Question:**

Should the sale and use of tobacco be completely banned in India?

**Arguments:**

- I. Yes. Tobacco causes oral cancer and other diseases.
- II. No. Millions of workers will lose their jobs.

**Ans**

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

Question ID : 94891110291

Option 1 ID : 94891141162

Option 2 ID : 94891141163

Option 3 ID : 94891141164

Option 4 ID : 94891141161

Status : Answered

Chosen Option : 1

**Q.89** Seven boxes S, P, L, Q, R, M and N are placed one above the other (not necessarily in the same order). Only three boxes are placed between M and L. M and L are placed neither at the bottom nor at the top. Only two boxes are placed between L and N. S is immediately below R. There is only one box between S and Q. M is placed above L. How many boxes are placed between P and N?

**Ans**

-  1. Three
-  2. One
-  3. Two
-  4. Four

Question ID : 94891110292

Option 1 ID : 94891141167

Option 2 ID : 94891141166

Option 3 ID : 94891141165

Option 4 ID : 94891141168

Status : Answered

Chosen Option : 2

**Q.90** Read the given information carefully and answer the question that follows.

Five children P, Q, R, S, and T, are wearing different coloured clothes, red, yellow, pink, green and purple, but not necessarily in the same order. Each one likes only one fruit out of mangoes, bananas, grapes, apples, and pears. R is in red clothes. Q does not like bananas and grapes. S likes apples and he is in purple clothes. The child in pink coloured clothes likes bananas. T likes mangoes, but is not in green or pink clothes. R likes grapes. Who likes pears?

- Ans
- ☒ 1. P
  - ☒ 2. Q
  - ☒ 3. R
  - ☒ 4. S

Question ID : 94891110298

Option 1 ID : 94891141189

Option 2 ID : 94891141190

Option 3 ID : 94891141191

Option 4 ID : 94891141192

Status : Answered

Chosen Option : 2

**Q.91** Pointing to a photograph, a woman said to a man, "She is the only child of the sister of the only son of your paternal grandfather". How is the man related to the person in the picture?

- Ans
- ☒ 1. Brother
  - ☒ 2. Father's Sister's Son
  - ☒ 3. Sister
  - ☒ 4. Mother's Brother's Son

Question ID : 94891110299

Option 1 ID : 94891141196

Option 2 ID : 94891141194

Option 3 ID : 94891141193

Option 4 ID : 94891141195

Status : Answered

Chosen Option : 2

**Q.92** Pick the odd one out.

Kathmandu, Thimphu, Dhaka, Karachi

- Ans
- ☒ 1. Karachi
  - ☒ 2. Dhaka
  - ☒ 3. Kathmandu
  - ☒ 4. Thimphu

Question ID : 94891110279

Option 1 ID : 94891141116

Option 2 ID : 94891141115

Option 3 ID : 94891141113

Option 4 ID : 94891141114

Status : Answered

Chosen Option : 1

Q.93 If 24 B 6 B 12 = 42 and 31 B 7 B 13 = 51, then 64 B 9 B 4 = ?

- Ans  1. 77  
 2. 76  
 3. 78  
 4. 79

Question ID : 94891110302

Option 1 ID : 94891141205

Option 2 ID : 94891141208

Option 3 ID : 94891141207

Option 4 ID : 94891141206

Status : Answered

Chosen Option : 1

Q.94 In a certain code language, 'QZDH' is written as '51', 'PLMQ' is written as '54'. What is the code for 'DNRB' in that code language?

- Ans  1. 36  
 2. 34  
 3. 33  
 4. 37

Question ID : 94891110297

Option 1 ID : 94891141185

Option 2 ID : 94891141186

Option 3 ID : 94891141188

Option 4 ID : 94891141187

Status : Answered

Chosen Option : 2

Q.95 Select the option that is related to the third letter cluster in the same way as the second number is related to the first letter cluster.

ACE : 1925 :: BDF : ?

- Ans  1. 41635  
 2. 24661  
 3. 42536  
 4. 41636

Question ID : 94891110276

Option 1 ID : 94891141102

Option 2 ID : 94891141103

Option 3 ID : 94891141101

Option 4 ID : 94891141104

Status : Not Answered

Chosen Option : --

**Q.96** In a code language, CHILD is written as 412983. How would you write the word ADULT in the same code language?

- Ans**
-  1. 124983
  -  2. 14211220
  -  3. 142112
  -  4. 20122141

Question ID : 94891110280

Option 1 ID : 94891141117

Option 2 ID : 94891141120

Option 3 ID : 94891141118

Option 4 ID : 94891141119

Status : Answered

Chosen Option : 4

**Q.97** Read the given information and answer the question that follows.

C is the sister of F. A is the father of B, husband of E and only son of D. D is the paternal grandfather of F and A does not have any sisters. How many children does A have?

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

Question ID : 94891110296

Option 1 ID : 94891141181

Option 2 ID : 94891141184

Option 3 ID : 94891141183

Option 4 ID : 94891141182

Status : Answered

Chosen Option : 4

**Q.98** Select the number from the given options that will replace the question mark in the given series.

2, 4, 3, 3, 9, 6, 4, 16, ?, 5, 25, 15

- Ans**
-  1. 18
  -  2. 15
  -  3. 10
  -  4. 20

Question ID : 94891110288

Option 1 ID : 94891141152

Option 2 ID : 94891141151

Option 3 ID : 94891141150

Option 4 ID : 94891141149

Status : Answered

Chosen Option : 3

Q.99 Pick the odd one out.

3-6, 4-8, 6-18, 8-32, 10-50

- Ans
-  1. 4-8
  -  2. 8-32
  -  3. 6-18
  -  4. 3-6

Question ID : 94891110294

Option 1 ID : 94891141174

Option 2 ID : 94891141176

Option 3 ID : 94891141175

Option 4 ID : 94891141173

Status : Answered

Chosen Option : 4

Q.100 Select the option that is related to the third term in the same way as the second term is related to the first term.

Bed : Pillow :: Sofa : ?

- Ans
-  1. Cushions
  -  2. Sheets
  -  3. Covers
  -  4. Upholstery

Question ID : 94891110277

Option 1 ID : 94891141106

Option 2 ID : 94891141108

Option 3 ID : 94891141107

Option 4 ID : 94891141105

Status : Answered

Chosen Option : 1