

## रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



Participant ID	Join YouTube Channel
Participant Name	Join YouTube Channel
Test Center Name	Institute of Instrumentation and Metrology
Test Date	29/01/2021
Test Time	3:00 PM - 4:30 PM
Subject	NTPC

### \* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark.

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

Section : NTPC

**Q.1** Sachin covers a certain distance by car driving at 80 km/h and he returns to the starting point riding on a scooter at 50 km/h. Find his average speed for the whole journey up to 2 decimal places.

**Ans**

- ✓ 1. 61.54 km/h  
✗ 2. 62.42 km/h  
✗ 3. 63.43 km/h  
✗ 4. 60.26 km/h

Question ID : 9489113662  
Option 1 ID : 94891114646  
Option 2 ID : 94891114647  
Option 3 ID : 94891114648  
Option 4 ID : 94891114645

Status : Answered

Chosen Option : 1

**Q.2** If  $\sin(x - y) = \frac{\sqrt{3}}{2}$  and  $\cos(x + y) = \frac{1}{2}$ , where x and y are positive acute angles and  $x \geq y$ , then the value of x is:

**Ans**

- ✗ 1. 70°  
✓ 2. 60°  
✗ 3. 30°  
✗ 4. 50°

Question ID : 9489113669  
Option 1 ID : 94891114674  
Option 2 ID : 94891114673  
Option 3 ID : 94891114676  
Option 4 ID : 94891114675

Status : Answered

Chosen Option : 2

**Q.3** What can humans NOT digest?

**Ans**

 1. Cellulose

 2. Starch

 3. Glycogen

 4. Amino Acids

Question ID : 9489114615

Option 1 ID : 94891118457

Option 2 ID : 94891118458

Option 3 ID : 94891118459

Option 4 ID : 94891118460

Status : Answered

Chosen Option : 1

**Q.4** If the sum of two numbers is 30 and the product is 50, then the sum of their reciprocals is:

**Ans**

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





Question ID : 9489113666  
Option 1 ID : 94891114663  
Option 2 ID : 94891114661  
Option 3 ID : 94891114664  
Option 4 ID : 94891114662

Status : Answered

Chosen Option : 4

**Q.5** Which Cabinet Mission proposed a constituent assembly to frame the Constitution of India?

**Ans**

-  1. The Cabinet Mission Plan 1949
-  2. The Cabinet Mission Plan 1946
-  3. The Cabinet Mission Plan 1936
-  4. The Cabinet Mission Plan 1945

Question ID : 9489114628  
Option 1 ID : 94891118512  
Option 2 ID : 94891118509  
Option 3 ID : 94891118510  
Option 4 ID : 94891118511

Status : Answered

Chosen Option : 2

**Q.6** Select the option that is related to the third term in the same way as the second term is related to the first term.

Football : Field :: Tennis : ?

**Ans**

 1. Ball

 2. Court

 3. Net

 4. Ring

Question ID : 9489114578  
Option 1 ID : 94891118310  
Option 2 ID : 94891118311  
Option 3 ID : 94891118309  
Option 4 ID : 94891118312

Status : Answered

Chosen Option : 2

**Q.7** Which of the following Article of the Indian constitution defines the Money bill?

**Ans**

 1. Article 115

 2. Article 109

 3. Article 113

 4. Article 110

Question ID : 9489114643  
Option 1 ID : 94891118569  
Option 2 ID : 94891118572  
Option 3 ID : 94891118571  
Option 4 ID : 94891118570


Status : Not Answered


Chosen Option : --


**Q.8** Find the compound interest when the principle is ₹6,000 at an interest of 10% per annum for 2 years.

**Ans**

 1. ₹1,230

 2. ₹1,260

 3. ₹1,240

 4. ₹1,250


Question ID : 9489113658  
Option 1 ID : 94891114629  
Option 2 ID : 94891114632  
Option 3 ID : 94891114630  
Option 4 ID : 94891114631

Status : Answered


Chosen Option : 2


**Q.9** Under which articles of the Constitution of India is the Right to Equality mentioned?

**Ans**

 1. Article 19-22

 2. Article 25-28

 3. Article 23-24

 4. Article 14-18


Question ID : 9489114627  
Option 1 ID : 94891118507  
Option 2 ID : 94891118505  
Option 3 ID : 94891118506  
Option 4 ID : 94891118508

Status : Answered


Chosen Option : 4


Q.10 What is the place value of 5 in the number 56789214?

Ans

 1.  $5 \times 10^5$

 2.  $5 \times 10^6$

 3.  $5 \times 10^7$

 4.  $5 \times 10^4$


Question ID : 9489113645  
Option 1 ID : 94891114577  
Option 2 ID : 94891114579  
Option 3 ID : 94891114580  
Option 4 ID : 94891114578

Status : Answered


Chosen Option : 3


Q.11 Which of the following systems is NOT found in nematodes?

Ans

 1. Respiratory system

 2. Reproductive system

 3. Digestive system

 4. Excretory system

Question ID : 9489114616  
Option 1 ID : 94891118464  
Option 2 ID : 94891118463  
Option 3 ID : 94891118461  
Option 4 ID : 94891118462

Status : Not Answered

Chosen Option : --

**Q.12** Find the greatest number that divides 128, 303 and 247, leaving remainders 4, 7 and 19, respectively.

**Ans**

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

Question ID : 9489113652  
Option 1 ID : 94891114607  
Option 2 ID : 94891114606  
Option 3 ID : 94891114605  
Option 4 ID : 94891114608

Status : Answered

Chosen Option : 3

**Q.13** The word 'comet' comes from the ancient \_\_\_\_\_ word, which means long-haired star.

**Ans**

-  1. Greek  
 2. German  
 3. Latin  
 4. French

Question ID : 9489114623  
Option 1 ID : 94891118490  
Option 2 ID : 94891118492  
Option 3 ID : 94891118489  
Option 4 ID : 94891118491

Status : Answered

Chosen Option : 3



**Q.14** Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

7 : 42 :: 9 : 72 :: 11 : ?

**Ans**

✓ 1. 110

✗ 2. 102

✗ 3. 121

✗ 4. 108

Question ID : 9489114575  
Option 1 ID : 94891118300  
Option 2 ID : 94891118297  
Option 3 ID : 94891118299  
Option 4 ID : 94891118298

Status : Answered

Chosen Option : 1

**Q.15** Cytoplasm is a jelly-like fluid that is present between:

**Ans**

✓ 1. nucleus and cell membrane

✗ 2. nucleus and organelles

✗ 3. nerves and cells

✗ 4. fats and tissues

Question ID : 9489114612  
Option 1 ID : 94891118448  
Option 2 ID : 94891118447  
Option 3 ID : 94891118445  
Option 4 ID : 94891118446

Status : Not Answered

Chosen Option : --

Q.16

The value of  $3.\dot{1}\dot{4}$  is:

Ans

✓ 1.  $3\frac{13}{90}$

✗ 2.  $3\frac{12}{90}$

✗ 3.  $3\frac{11}{90}$

✗ 4.  $3\frac{14}{90}$

Question ID : 9489113650

Option 1 ID : 94891114599

Option 2 ID : 94891114598

Option 3 ID : 94891114597

Option 4 ID : 94891114600

Status : Answered

Chosen Option : 4

Q.17 Which of the following is NOT a spreadsheet program?

Ans

 1. Excel

 2. Ubuntu

 3. VisiCalc

 4. Calc


Question ID : 9489114637  
Option 1 ID : 94891118548  
Option 2 ID : 94891118545  
Option 3 ID : 94891118547  
Option 4 ID : 94891118546


Status : Not Answered


Chosen Option : --


Q.18 Which of the following is NOT a division of National Sample Survey Organisation?

Ans

 1. Field Operation Division

 2. National Development Agenda

 3. Survey Design and Research Division





 4. Data Processing Division

Question ID : 9489114639  
Option 1 ID : 94891118556  
Option 2 ID : 94891118553  
Option 3 ID : 94891118554  
Option 4 ID : 94891118555

Status : Not Answered

Chosen Option : --

Q.19 In which year was the Raja Ramanna Centre for Advanced Technology established?

- Ans
-  1. 1989
  -  2. 1961
  -  3. 1981
  -  4. 1984

Question ID : 9489114630  
Option 1 ID : 94891118520  
Option 2 ID : 94891118517  
Option 3 ID : 94891118518  
Option 4 ID : 94891118519  
Status : Not Answered  
Chosen Option : --

Q.20 Who among the following is NOT a recipient of Bharat Ratna 2019?

- Ans
-  1. Rajeshwar Acharya
  -  2. Bhupen Hazarika
  -  3. Nanaji Deshmukh
  -  4. Pranab Mukherjee


Question ID : 9489114607  
Option 1 ID : 94891118427  
Option 2 ID : 94891118426  
Option 3 ID : 94891118428  
Option 4 ID : 94891118425  
Status : Answered  
Chosen Option : 1

**Q.21** The Indian National Flag (tricolour) was unfurled by Bhikaji Cama in:

**Ans**

 1. Poland, 1908

 2. Germany, 1907

 3. Russia, 1910

 4. London, 1911

Question ID : 9489114621  
Option 1 ID : 94891118482  
Option 2 ID : 94891118481  
Option 3 ID : 94891118483  
Option 4 ID : 94891118484

Status : Not Answered

Chosen Option : --

Q.22 If the LCM of a and b is c, then their HCF is:

Ans

 1.  $\frac{bc}{a}$

 2.  $\frac{ac}{b}$

 3.  $\frac{c}{ab}$

 4.  $\frac{ab}{c}$

Question ID : 9489113648

Option 1 ID : 94891114592

Option 2 ID : 94891114590

Option 3 ID : 94891114591

Option 4 ID : 94891114589

Status : Answered

Chosen Option : 4

Q.23 Identify the number that does NOT belong to the following series.

5, 10, 17, 28, 42, 58, 77

Ans

 1. 28

 2. 42

 3. 17

 4. 58

Question ID : 9489114587  
Option 1 ID : 94891118346  
Option 2 ID : 94891118347  
Option 3 ID : 94891118345  
Option 4 ID : 94891118348

Status : Answered

Chosen Option : 2


Q.24 How will you write 4.17 hours in hours, minutes and seconds?

Ans

 1. 4 hours 10 minutes and 7 seconds

 2. 4 hours 10 minutes and 12 seconds

 3. 4 hours 10 minutes and 20 seconds

 4. 4 hours 17 minutes

Question ID : 9489114585  
Option 1 ID : 94891118340  
Option 2 ID : 94891118339  
Option 3 ID : 94891118338  
Option 4 ID : 94891118337





Status : Answered

Chosen Option : 4

Q.25

Find the gain percentage when the cost price is ₹950 and the selling price is ₹1,140.

Ans

-  1. 10%  
 2. 40%  
 3. 20%  
 4. 30%

Question ID : 9489113655  
Option 1 ID : 94891114617  
Option 2 ID : 94891114620  
Option 3 ID : 94891114618  
Option 4 ID : 94891114619

Status : Answered

Chosen Option : 3

Q.26

Four letter-clusters have been listed, out of which three are alike in some manner and one is different. Select the odd one.

Ans

-  1. ATLER  
 2. TALER  
 3. LATER  
 4. TALEN

Question ID : 9489114603  
Option 1 ID : 94891118411  
Option 2 ID : 94891118412  
Option 3 ID : 94891118410  
Option 4 ID : 94891118409

Status : Answered


Chosen Option : 3



Q.27 Who was the first winner of the Jnanpith Award?

Ans

 1. Ashapurna Devi

 2. Uma Shankar Joshi

 3. Amrita Pritam

 4. G Sankara Kurup

Question ID : 9489114609  
Option 1 ID : 94891118433  
Option 2 ID : 94891118436  
Option 3 ID : 94891118434  
Option 4 ID : 94891118435


Status : Not Answered  
Chosen Option : --


Q.28 Which of the following does NOT come under Infrastructure?

Ans

 1. Entertainment

 2. Electricity

 3. Transportation

 4. Sewage

Question ID : 9489114641  
Option 1 ID : 94891118564  
Option 2 ID : 94891118562  
Option 3 ID : 94891118561  
Option 4 ID : 94891118563

Status : Answered  
Chosen Option : 1

Q.29 When  $19^{300}$  is divided by 20, find the remainder.

Ans

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

Question ID : 9489113653  
Option 1 ID : 94891114611  
Option 2 ID : 94891114610  
Option 3 ID : 94891114609  
Option 4 ID : 94891114612

Status : Answered

Chosen Option : 3

Q.30 The minimum value of  $4\sin^2\theta + 5\cos^2\theta$  is:

Ans

-  1. 0  
 2. 2  
 3. 1  
 4. 4





Question ID : 9489113670  
Option 1 ID : 94891114677  
Option 2 ID : 94891114679  
Option 3 ID : 94891114678  
Option 4 ID : 94891114680

Status : Answered

Chosen Option : 4

**Q.31** In Computer terminology, what is the full form of EPROM?





**Ans**

-  1. Executable Programme Revise Only Memory
-  2. Erasable Programmable Read-Only Memory
-  3. Electronic Programmable Retrieve Only Memory
-  4. Extended Programme Rewritable Only Memory

Question ID : 9489114638  
Option 1 ID : 94891118551  
Option 2 ID : 94891118550  
Option 3 ID : 94891118552  
Option 4 ID : 94891118549  
Status : Answered  
Chosen Option : 2

**Q.32** A profit of 20% is earned by selling an article for ₹2,400. If the same article were sold for ₹2,600, then the gain percentage would be:

**Ans**

-  1. 35%
-  2. 25%
-  3. 30%
-  4. 20%

Question ID : 9489113657  
Option 1 ID : 94891114628  
Option 2 ID : 94891114626  
Option 3 ID : 94891114627  
Option 4 ID : 94891114625  
Status : Answered  
Chosen Option : 3

**Q.33** The population of a town increases at the rate of 10% every year. The present population is 1,000. In how many years will the population become 1,331?

**Ans**

-  1. 2  
 2. 2.5  
 3. 3.5  
 4. 3

Question ID : 9489113660  
Option 1 ID : 94891114640  
Option 2 ID : 94891114639  
Option 3 ID : 94891114638  
Option 4 ID : 94891114637

Status : Answered

Chosen Option : 4

**Q.34** The currency of Malaysia is \_\_\_\_\_.

**Ans**

-  1. Ringgit  
 2. Peso  
 3. Kwacha  
 4. Euro

Question ID : 9489114626  
Option 1 ID : 94891118501  
Option 2 ID : 94891118504  
Option 3 ID : 94891118502  
Option 4 ID : 94891118503

Status : Answered

Chosen Option : 1

Q.35 If the radius of a circle is reduced by 25%, its area is reduced by:

- Ans
- ☒ 1. 56.25%
  - ☒ 2. 50%
  - ☒ 3. 6.25%
  - ☒ 4. 43.75%

Question ID : 9489113665  
Option 1 ID : 94891114660  
Option 2 ID : 94891114657  
Option 3 ID : 94891114659  
Option 4 ID : 94891114658  
Status : Answered  
Chosen Option : 4





Q.36 With which of the following tournaments is hockey associated?

- Ans
- ☒ 1. Irani Cup
  - ☒ 2. Subroto Cup
  - ☒ 3. Rangaswamy Cup
  - ☒ 4. Davis Cup

Question ID : 9489114605  
Option 1 ID : 94891118418  
Option 2 ID : 94891118419  
Option 3 ID : 94891118420  
Option 4 ID : 94891118417  
Status : Answered  
Chosen Option : 2

**Q.37** \_\_\_\_\_ is an experimental satellite that was launched first time by Indian Space Research Organisation (ISRO) in August 1979 from Satish Dhawan Space Centre.

**Ans**





-  1. Himawari 8  
 2. Insat-3DR  
 3. Rohini  
 4. Cartosat

Question ID : 9489114631  
Option 1 ID : 94891118522  
Option 2 ID : 94891118524  
Option 3 ID : 94891118521  
Option 4 ID : 94891118523

Status : Not Answered  
Chosen Option : --

**Q.38** 50% of 500 = \_\_\_\_ of 2500

**Ans**

-  1. 20%  
 2. 10%  
 3. 40%  
 4. 30%

Question ID : 9489113654  
Option 1 ID : 94891114615  
Option 2 ID : 94891114616  
Option 3 ID : 94891114613  
Option 4 ID : 94891114614

Status : Answered  
Chosen Option : 2

**Q.39** Who founded the Bahmani kingdom?

**Ans**

✓ 1. Alauddin Bahman Shah (alias Hasan Gangu)

✗ 2. Mir Zafar

✗ 3. Mohammad bin Tughlaq

✗ 4. Firuzshah Bahmani

Question ID : 9489114618  
Option 1 ID : 94891118469  
Option 2 ID : 94891118472  
Option 3 ID : 94891118471  
Option 4 ID : 94891118470

Status : Answered

Chosen Option : 1

**Q.40** Select the number from among the given options that can replace the question mark (?) in the following analogy.

56 : 15 :: 76 : 21 :: 81 : ?

**Ans**

✓ 1. 4

✗ 2. 10

✗ 3. 36

✗ 4. 21

Question ID : 9489114579  
Option 1 ID : 94891118314  
Option 2 ID : 94891118313  
Option 3 ID : 94891118315  
Option 4 ID : 94891118316

Status : Answered

Chosen Option : 1

**Q.41** Which of the following is NOT the cause of a tsunami?

**Ans**

 1. Soil Erosion

 2. Volcanic Eruptions

 3. Earthquakes

 4. Submarine Landslides

Question ID : 9489114624  
Option 1 ID : 94891118496  
Option 2 ID : 94891118495  
Option 3 ID : 94891118493  
Option 4 ID : 94891118494

Status : Answered


Chosen Option : 1

**Q.42** Ravi is 5 years older than his wife who is 5 times as old as her daughter. Three years ago her daughter's age was 4 years.  
What is Ravi's present age?

**Ans**

 1. 24 years

 2. 40 years

 3. 25 years

 4. 42 years

Question ID : 9489114576  
Option 1 ID : 94891118301  
Option 2 ID : 94891118303  
Option 3 ID : 94891118302  
Option 4 ID : 94891118304

Status : Answered


Chosen Option : 2





**Q.43** BrahMos supersonic missile is a joint venture between \_\_\_\_\_.

**Ans**

 1. India and Russia

 2. India and China

 3. India and UK

 4. India and USA





Question ID : 9489114632  
Option 1 ID : 94891118528  
Option 2 ID : 94891118527  
Option 3 ID : 94891118526  
Option 4 ID : 94891118525

Status : Answered

Chosen Option : 1

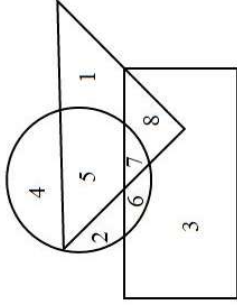
**Q.44** If the price of tea increases by 20%, by what percentage should a household reduce its consumption of tea so that the budget remains the same?

**Ans**

-  1.  $15\frac{2}{3}\%$
-  2.  $13\frac{2}{3}\%$
-  3.  $16\frac{2}{3}\%$
-  4.  $14\frac{2}{3}\%$

Question ID : 9489113656  
Option 1 ID : 94891114623  
Option 2 ID : 94891114621  
Option 3 ID : 94891114624  
Option 4 ID : 94891114622  
Status : Answered  
Chosen Option : 3

**Q.45** In the given diagram, the triangle represents teachers, the rectangle represents politicians, and the circle represents social workers. Which number in the diagram represents the teachers who are also social workers but not politicians?



**Ans**

✓ 1. 5

✗ 2. 7

✗ 3. 2

✗ 4. 6

Question ID : 9489114597

Option 1 ID : 94891118386

Option 2 ID : 94891118388

Option 3 ID : 94891118385

Option 4 ID : 94891118387

Status : Answered

Chosen Option : 1

**Q.46** World-famous Chhattisgarhi folk singer Teejan Bai is an exponent of what type of folk music?

**Ans**

-  1. Bharud  
 2. Lavani  
 3. Gondhal  
 4. Pandavani

Question ID : 9489114608  
Option 1 ID : 94891118432  
Option 2 ID : 94891118430  
Option 3 ID : 94891118429  
Option 4 ID : 94891118431





Status : Not Answered

Chosen Option : --

**Q.47** Which of the words among the given options CANNOT be formed using the letters from the following sentence?

Russia is my country.

**Ans**

-  1. Minor  
 2. Cloud  
 3. Rain  
 4. Your

Question ID : 9489114581  
Option 1 ID : 94891118321  
Option 2 ID : 94891118323  
Option 3 ID : 94891118324  
Option 4 ID : 94891118322

Status : Answered

Chosen Option : 2

**Q.48** You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

**Question:**





Who is the father of M?

**Statements:**

I - P and Q are brothers.

II - Q's wife is the sister of M's wife.

**Ans**

-  1. Statement I alone is sufficient.
-  2. Statement II alone is sufficient.
-  3. Statement I and II both are not sufficient.
-  4. Statement I and II both are necessary.

Question ID : 9489114582

Option 1 ID : 94891118327

Option 2 ID : 94891118328

Option 3 ID : 94891118325

Option 4 ID : 94891118326

Status : Answered

Chosen Option : 3

Q.49 Deen Dayal Upadhyaya Grameen Kaushalya Yojana was launched in \_\_\_\_\_.

Ans  1. 2014

 2. 2018

 3. 2015


 4. 2017

Question ID : 9489114642  
Option 1 ID : 94891118565  
Option 2 ID : 94891118568  
Option 3 ID : 94891118566  
Option 4 ID : 94891118567

Status : Not Answered

Chosen Option : --

Q.50 In which part of India does the Great Indian Desert lie?

Ans  1. Northern part

 2. Southern part

 3. Eastern part

 4. Western part

Question ID : 9489114622  
Option 1 ID : 94891118486  
Option 2 ID : 94891118488  
Option 3 ID : 94891118485  
Option 4 ID : 94891118487

Status : Answered

Chosen Option : 4

**Q.51** Four celestial bodies have been listed, out of which three are alike in some manner and one is different. Select the odd one.

**Ans**

 1. Venus

 2. Moon

 3. Jupiter

 4. Mercury

Question ID : 9489114599  
Option 1 ID : 94891118393  
Option 2 ID : 94891118394  
Option 3 ID : 94891118395  
Option 4 ID : 94891118396

Status : Answered

Chosen Option : 2

**Q.52** The Tibetan Plateau is the best example of a/an \_\_\_\_\_.

**Ans**

 1. Erosional Plateau

 2. Volcanic Plateau

 3. Doomed Plateau

 4. Intermontane Plateau

Question ID : 9489114625  
Option 1 ID : 94891118497  
Option 2 ID : 94891118499  
Option 3 ID : 94891118500  
Option 4 ID : 94891118498

Status : Not Answered

Chosen Option : --

Q.53 Who was the first Indian to join the Indian Civil Service?

Ans

✓ 1. Satyendranath Tagore

✗ 2. Lakshmi Kant Jha

✗ 3. Shyamji Krishna Varma

✗ 4. Haribhai Patel

Question ID : 9489114617  
Option 1 ID : 94891118465  
Option 2 ID : 94891118466  
Option 3 ID : 94891118468  
Option 4 ID : 94891118467

Status : Answered

Chosen Option : 1

Q.54 Pseudopodia are finger-like extensions on:

Ans

✗ 1. Earthworms

✗ 2. Paramecium

✗ 3. Hydra

✓ 4. Amoeba

Question ID : 9489114613  
Option 1 ID : 94891118452  
Option 2 ID : 94891118449  
Option 3 ID : 94891118451  
Option 4 ID : 94891118450





Status : Not Answered

Chosen Option : --



**Q.55** Who was the Viceroy of India when Indian National Congress was founded?

Ans

-  1. Lord Canning  
 2. Lord Dufferin  
 3. Lord Lawrence  
 4. Lord Ripon





Question ID : 9489114619  
Option 1 ID : 94891118475  
Option 2 ID : 94891118474  
Option 3 ID : 94891118473  
Option 4 ID : 94891118476

Status : Not Answered  
Chosen Option : --

**Q.56** Find the value of  $x$  in the given equation.

$$\frac{\sqrt{2401}}{x} = \frac{x}{6.25}$$

Ans

-  1. 17.5  
 2. 7.5  
 3. 15.5  
 4. 27.5

Question ID : 9489113649  
Option 1 ID : 94891114593  
Option 2 ID : 94891114595  
Option 3 ID : 94891114594  
Option 4 ID : 94891114596

Status : Answered  
Chosen Option : 1

**Q.57** If 0 stands for the operation "Subtract and double the value", that is  $aOb = 2(a-b)$ ; and O stands for "Multiply and halve", that is  $aOb = \frac{1}{2}ab$  then, find the value of:

(806)(604)

**Ans**

1. 24  
2. 48  
3. 36  
4. 12

Question ID : 9489114588  
Option 1 ID : 94891118350  
Option 2 ID : 94891118352  
Option 3 ID : 94891118351  
Option 4 ID : 94891118349

Status : Answered

Chosen Option : 1

**Q.58** If 'A' stands for '-', 'B' stands for '+', and 'C' stands for 'x', then what will be the value of 9C3B10A5C12?

**Ans**

1. - 5  
2. + 6  
3. - 6  
4. + 5

Question ID : 9489114594  
Option 1 ID : 94891118374  
Option 2 ID : 94891118376  
Option 3 ID : 94891118375  
Option 4 ID : 94891118373

Status : Answered

Chosen Option : 1

Q.59

Find the value of  $\frac{(3.17 + 9.12)^2 + (3.17 - 9.12)^2}{3.17 \times 3.17 + 9.12 \times 9.12}$  .

Ans

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

Question ID : 9489113651  
Option 1 ID : 94891114603  
Option 2 ID : 94891114604  
Option 3 ID : 94891114602  
Option 4 ID : 94891114601





Status : Answered

Chosen Option : 1

Q.60

Which of the following mainly causes the depletion of the ozone layer?

Ans

-  1. Aviation fuels  
 2. Volcanic eruptions  
 3. Radioactive rays  
 4. Chlorofluorocarbons

Question ID : 9489114634  
Option 1 ID : 94891118534  
Option 2 ID : 94891118535  
Option 3 ID : 94891118533  
Option 4 ID : 94891118536

Status : Answered

Chosen Option : 4

Q.61

Who was the first female judge of the Supreme Court in India?

Ans

✓ 1. M Fathima Beevi

✗ 2. R Banumathi

✗ 3. Sujatha V Manohar

✗ 4. Indira Banerjee

Question ID : 9489114629

Option 1 ID : 94891118515

Option 2 ID : 94891118516

Option 3 ID : 94891118513

Option 4 ID : 94891118514


Status : Answered


Chosen Option : 1


Q.62


If  $y = \frac{x}{(2+a)^z}$ , then  $z = ?$

Ans

 1.  $\frac{\log_e \left( \frac{y}{x} \right)}{\log_e (2 + a)}$

 2.  $\frac{\log_e (x - y)}{\log_e (2 + a)}$

 3.  $\frac{\log_e \left( \frac{x}{y} \right)}{\log_e (2 - a)}$

 4.  $\frac{\log_e \left( \frac{x}{y} \right)}{\log_e (2 + a)}$

Question ID : 9489113667

Option 1 ID : 94891114666

Option 2 ID : 94891114667

Option 3 ID : 94891114665





Option 4 ID : 94891114668

Status : Answered

Chosen Option : 4

Q.63 Keyboard, monitor and cabinet are components of:





Ans

-  1. control unit
-  2. storage unit
-  3. computer hardware
-  4. computer software

Question ID : 9489114636  
Option 1 ID : 94891118542  
Option 2 ID : 94891118544  
Option 3 ID : 94891118543  
Option 4 ID : 94891118541  
Status : Answered  
Chosen Option : 3

Q.64 After digestion, protein is converted into:

Ans


-  1. starch
-  2. carbohydrates
-  3. small globules
-  4. amino acids


Question ID : 9489114614  
Option 1 ID : 94891118455  
Option 2 ID : 94891118456  
Option 3 ID : 94891118453  
Option 4 ID : 94891118454  
Status : Answered  
Chosen Option : 4

**Q.65** Kyoto Protocol is an international agreement that aims to reduce:

Ans

 1. radioactive emissions

 2. exhaust emissions

 3. greenhouse gas emissions

 4. electron emissions

Question ID : 9489114635  
Option 1 ID : 94891118540  
Option 2 ID : 94891118537  
Option 3 ID : 94891118538  
Option 4 ID : 94891118539

Status : Answered  
Chosen Option : 3

**Q.66** How many numbers between 1 and 700 are completely divisible by 17?

Ans

 1. 46

 2. 45

 3. 42

 4. 41

Question ID : 9489113644  
Option 1 ID : 94891114576  
Option 2 ID : 94891114575  
Option 3 ID : 94891114574  
Option 4 ID : 94891114573

Status : Answered  
Chosen Option : 4

**Q.67** The amount of radiation being emitted by a radioactive material is measured using the conventional unit \_\_\_\_\_.

**Ans**

✓ 1. curie

✗ 2. pascal

✗ 3. ampere

✗ 4. watt

Question ID : 9489114611  
Option 1 ID : 94891118441  
Option 2 ID : 94891118444  
Option 3 ID : 94891118443  
Option 4 ID : 94891118442

Status : Answered

Chosen Option : 1

**Q.68** Who ignited the spark of freedom that led to the revolt of 1857?

**Ans**

✗ 1. Bhagat Singh

✓ 2. Mangal Pandey

✗ 3. Subhash Chandra Bose

✗ 4. Jawaharlal Nehru

Question ID : 9489114620  
Option 1 ID : 94891118480  
Option 2 ID : 94891118479  
Option 3 ID : 94891118478  
Option 4 ID : 94891118477





Status : Answered

Chosen Option : 2



Q.69 The foundation day of the UN Charter was on:

Ans

-  1. 29<sup>th</sup> October 1946  
 2. 20<sup>th</sup> October 1932  
 3. 24<sup>th</sup> October 1945  
 4. 21<sup>st</sup> October 1950





Question ID : 9489114633  
Option 1 ID : 94891118532  
Option 2 ID : 94891118530  
Option 3 ID : 94891118531  
Option 4 ID : 94891118529

Status : Not Answered

Chosen Option : --

Q.70 Banaras Hindu University was established in \_\_\_\_.

Ans

-  1. 1919  
 2. 1921  
 3. 1918  
 4. 1916

Question ID : 9489114606  
Option 1 ID : 94891118423  
Option 2 ID : 94891118424  
Option 3 ID : 94891118422  
Option 4 ID : 94891118421

Status : Not Answered

Chosen Option : --

**Q.71** Find the sum of the place value and the face value of 7 in the number 53736.

**Ans**

✓ 1. 707

✗ 2. 777

✗ 3. 770

✗ 4. 77

Question ID : 9489113646  
Option 1 ID : 94891114582  
Option 2 ID : 94891114584  
Option 3 ID : 94891114583  
Option 4 ID : 94891114581

Status : Answered

Chosen Option : 1

**Q.72** Ram alone can finish a task in 20 days while Shyam alone can finish it in 30 days. How many days will they take to finish the task if they work together?

**Ans**

✗ 1. 18

✗ 2. 16

✓ 3. 12

✗ 4. 14





Question ID : 9489113661  
Option 1 ID : 94891114644  
Option 2 ID : 94891114643  
Option 3 ID : 94891114641  
Option 4 ID : 94891114642

Status : Answered

Chosen Option : 3

**Q.73** Mr. Cook sold a book at a profit of 14%. If he had sold it for ₹5.40 more, then he would have made a profit of 20%. Find the cost price of the book.

**Ans**

-  1. ₹30  
 2. ₹60  
 3. ₹120  
 4. ₹90





Question ID : 9489113659  
Option 1 ID : 94891114633  
Option 2 ID : 94891114634  
Option 3 ID : 94891114636  
Option 4 ID : 94891114635

Status : Answered

Chosen Option : 4

**Q.74** The smallest number that is divisible by 10, 14 and 28, and is a perfect square, is:

**Ans**

-  1. 140  
 2. 4900  
 3. 19600  
 4. 18600





Question ID : 9489113647  
Option 1 ID : 94891114585  
Option 2 ID : 94891114588  
Option 3 ID : 94891114586  
Option 4 ID : 94891114587

Status : Answered

Chosen Option : 2

**Q.75** A alone can finish a task in 30 days. He works for 6 days on the same task and then B finishes it in 24 days. In how many days can A and B together finish the task?

**Ans**

-  1. 25  
 2. 15  
 3. 10  
 4. 20

Question ID : 9489113663  
Option 1 ID : 94891114652  
Option 2 ID : 94891114650  
Option 3 ID : 94891114649  
Option 4 ID : 94891114651

Status : Answered

Chosen Option : 2

**Q.76** If the angles of a quadrilateral are in the ratio of 4 : 9 : 11 : 12, then the largest of these angles is:

**Ans**

-  1.  $72^\circ$   
 2.  $120^\circ$   
 3.  $168^\circ$   
 4.  $166^\circ$

Question ID : 9489113668  
Option 1 ID : 94891114669  
Option 2 ID : 94891114670  
Option 3 ID : 94891114672  
Option 4 ID : 94891114671

Status : Answered

Chosen Option : 2

Q.77

Planning Commission of India was set up in year:

Ans

- ✓ 1. 1950  
✗ 2. 1948  
✗ 3. 1949  
✗ 4. 1951

Question ID : 9489114640  
Option 1 ID : 94891118557  
Option 2 ID : 94891118560  
Option 3 ID : 94891118559  
Option 4 ID : 94891118558  
Status : Not Answered  
Chosen Option : --

Q.78

If  $K = 16$  and  $ROW = 25$ , then NECK will be equal to:

Ans

- ✗ 1. 47  
✗ 2. 33  
✗ 3. 57  
✓ 4. 75

Question ID : 9489114577  
Option 1 ID : 94891118306  
Option 2 ID : 94891118305  
Option 3 ID : 94891118307  
Option 4 ID : 94891118308  
Status : Answered  
Chosen Option : 4

Q.79 Find the arithmetic mean of the first 15 natural numbers.

Ans

 1. 16

 2. 8

 3. 15

 4. 9

Question ID : 94891113672  
Option 1 ID : 94891114687  
Option 2 ID : 94891114685  
Option 3 ID : 94891114686  
Option 4 ID : 94891114688


Status : Answered


Chosen Option : 2

Q.80 Which of the following temples was built by Raja Raja Chola?

Ans

 1. Jagannath Temple

 2. Meenakshi Temple

 3. Lingaraj Temple

 4. Brihadisvara Temple

Question ID : 9489114610  
Option 1 ID : 94891118438  
Option 2 ID : 94891118437  
Option 3 ID : 94891118439  
Option 4 ID : 94891118440

Status : Not Answered

Chosen Option : --

**Q.81** B is A's son. B is my son's only paternal uncle. Then from the following options, A is my:

**Ans**

 1. uncle

 2. father

 3. brother

 4. grandfather

Question ID : 9489114600  
Option 1 ID : 94891118397  
Option 2 ID : 94891118398  
Option 3 ID : 94891118399  
Option 4 ID : 94891118400

Status : Answered

Chosen Option : 2

**Q.82** If the difference between the interior and exterior angles of a polygon is  $36^\circ$ , then find the number of sides in the polygon.

**Ans**

 1. 6

 2. 5

 3. 8

 4. 7

Question ID : 9489113673  
Option 1 ID : 94891114690  
Option 2 ID : 94891114689  
Option 3 ID : 94891114692  
Option 4 ID : 94891114691

Status : Answered

Chosen Option : 2

**Q.83** Which of the following films was directed by Satyajit Ray?

**Ans**

 1. Mahal

 2. Pather Panchali

 3. Pyaasa

 4. Kora Kagaz

Question ID : 9489114604  
Option 1 ID : 94891118414  
Option 2 ID : 94891118413  
Option 3 ID : 94891118416  
Option 4 ID : 94891118415


Status : Answered

Chosen Option : 2

**Q.84** If the side of a square is tripled, then the ratio of the area of the resulting square to that of original square is:

**Ans**

 1. 9 : 1

 2. 3 : 2

 3. 3 : 1

 4. 9 : 2

Question ID : 9489113664  
Option 1 ID : 94891114653  
Option 2 ID : 94891114656  
Option 3 ID : 94891114654  
Option 4 ID : 94891114655

Status : Answered

Chosen Option : 1



**Q.85** If  $\cot 35^\circ = 2 - \sqrt{3}$  then the value of  $\tan 35^\circ \cot 55^\circ + \tan 55^\circ \cot 35^\circ$  is:

Ans

 1. 14

 2. 13

 3. 15

 4. 12

Question ID : 9489113671

Option 1 ID : 94891114683

Option 2 ID : 94891114682

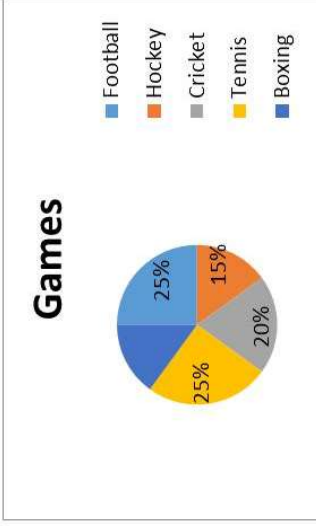
Option 3 ID : 94891114684

Option 4 ID : 94891114681

Status : Answered

Chosen Option : 1

**Q.86** In the given pie chart, if 300 players have taken up 5 different games, then how many players have taken up boxing?



Ans

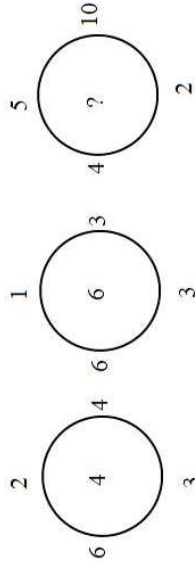
- ~~1. 75~~  
~~2. 55~~  
**3. 45**  
~~4. 60~~

Question ID : 9489114589  
Option 1 ID : 94891118354  
Option 2 ID : 94891118356  
Option 3 ID : 94891118355  
Option 4 ID : 94891118353

Status : Answered

Chosen Option : 3

**Q.87** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

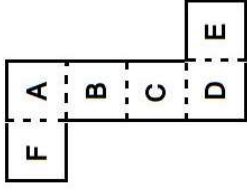


**Ans**

- ☒ 1. 2  
☒ 2. 7  
☒ 3. 4  
☒ 4. 10

Question ID : 9489114590  
Option 1 ID : 94891118357  
Option 2 ID : 94891118359  
Option 3 ID : 94891118360  
Option 4 ID : 94891118358  
Status : Answered  
Chosen Option : 3

**Q.88** A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the opposite side of the letter A?



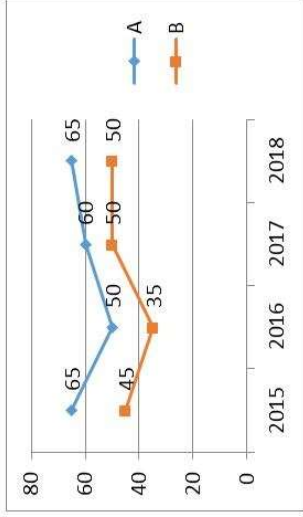
**Ans**

- ~~1. D~~  
~~2. C~~  
~~3. E~~  
~~4. B~~

Question ID : 9489114591  
Option 1 ID : 94891118363  
Option 2 ID : 94891118362  
Option 3 ID : 94891118364  
Option 4 ID : 94891118361  
Status : Answered  
Chosen Option : 2

**Q.89** The given graph shows the percentage of profit gained by two corporate bodies A and B from the year 2015 to 2018.

If the expenditure of A was ₹60 lakhs, then how much was the revenue (in ₹) of A in 2018?



**Ans**

☒ 1. 65 lakh

☒ 2. 50 lakh

☒ 3. 99 lakh

☒ 4. 100 lakh

Question ID : 9489114592

Option 1 ID : 94891118366

Option 2 ID : 94891118368

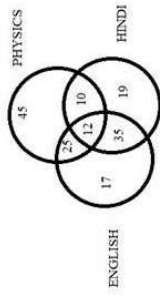
Option 3 ID : 94891118365

Option 4 ID : 94891118367

Status : Answered

Chosen Option : 3

**Q.90** The given Venn diagram shows the number of students who got distinction in three subjects among 350 students. Find the percentage of students who got distinction in only two subjects.



**Ans**

✓ 1. 20%

✗ 2. 32%

✗ 3. 18.5%

✗ 4. 25%

Question ID : 9489114598  
Option 1 ID : 94891118391  
Option 2 ID : 94891118390  
Option 3 ID : 94891118389  
Option 4 ID : 94891118392

Status : Answered

Chosen Option : 1

**Q.91** If  $14 + 13 \times 3 = 81$ , then  $17 + 16 \times 2 = ?$

Ans

-  1. 49  
 2. 50  
 3. 66  
 4. 72





Question ID : 9489114583  
Option 1 ID : 94891118332  
Option 2 ID : 94891118331  
Option 3 ID : 94891118330  
Option 4 ID : 94891118329

Status : Answered

Chosen Option : 3

**Q.92** In a code language, COPPER is written as FQTRJT then how will SILVER be written as in that code language?

Ans

-  1. VOPYTJ  
 2. WJNXTJ  
 3. VKPXJT  
 4. UJQMJT

Question ID : 9489114580  
Option 1 ID : 94891118318  
Option 2 ID : 94891118317  
Option 3 ID : 94891118320  
Option 4 ID : 94891118319

Status : Answered

Chosen Option : 3

**Q.93** Four numbers have been listed, out of which three are alike in some manner and one is different. Select the odd one.

Ans

- ✓ 1. 413  
✗ 2. 342  
✗ 3. 348  
✗ 4. 435

Question ID : 9489114586  
Option 1 ID : 94891118341  
Option 2 ID : 94891118343  
Option 3 ID : 94891118344  
Option 4 ID : 94891118342  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.94** If  $EGA = 25491$ , then  $CAD = ?$

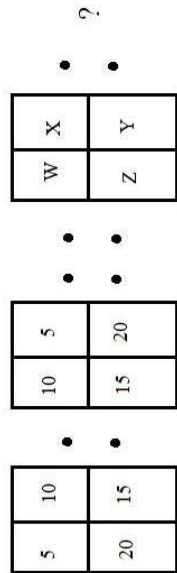
Ans

- ✗ 1. 2216  
✗ 2. 52122  
✗ 3. 25166  
✓ 4. 9116


Question ID : 9489114601  
Option 1 ID : 94891118402  
Option 2 ID : 94891118403  
Option 3 ID : 94891118404  
Option 4 ID : 94891118401  
Status : Answered  
Chosen Option : 4




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



**Ans**

1. 


X	W
Z	Y

2. 

X	W
Y	Z

3. 

W	Z
Y	X

4. 

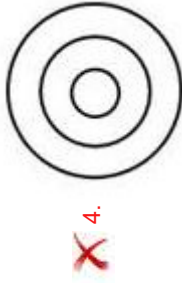
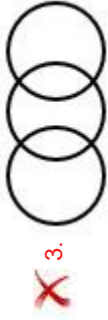
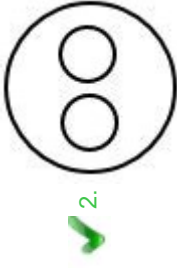
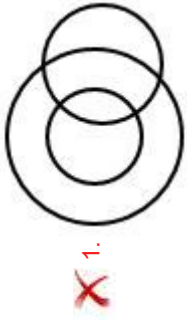
W	X
Z	Y

Question ID : 9489114593  
Option 1 ID : 94891118369  
Option 2 ID : 94891118372  
Option 3 ID : 94891118370  
Option 4 ID : 94891118371  
Status : Answered  
Chosen Option : 2

**Q.96** Select the Venn diagram that best represents the relationship between the given set of classes.

Gold, Metal, Silver

**Ans**



Question ID : 9489114596

Option 1 ID : 94891118384

Option 2 ID : 94891118381

Option 3 ID : 94891118383

Option 4 ID : 94891118382

Status : Answered

Chosen Option : 2


**Q.97** Select the number that can replace the question mark (?) in the following analogy.


18 : 324 :: 5832 :: 36 : 1296 : ?

**Ans**

 1. 46656

 2. 2592

 3. 5833

 4. 23328

Question ID : 9489114574  
Option 1 ID : 94891118295  
Option 2 ID : 94891118293  
Option 3 ID : 94891118294  
Option 4 ID : 94891118296

Status : Answered


Chosen Option : 1


**Q.98** Out of the four sports listed, three are alike in some manner and one is different. Select the odd one.

**Ans**

 1. Hammer Throw

 2. Badminton

 3. Discuss Throw

 4. Shot Put

Question ID : 9489114595  
Option 1 ID : 94891118377  
Option 2 ID : 94891118378  
Option 3 ID : 94891118379  
Option 4 ID : 94891118380

Status : Answered

Chosen Option : 2

**Q.99** Identify the number from among the given options that does NOT belong to the following series.

1, 3, 7, 15, 33

**Ans**

✓ 1. 33

✗ 2. 1

✗ 3. 15

✗ 4. 7

Question ID : 9489114584  
Option 1 ID : 94891118336  
Option 2 ID : 94891118333  
Option 3 ID : 94891118335  
Option 4 ID : 94891118334

Status : Answered

Chosen Option : 1

**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.

Boxing : Round :: Badminton : ?

**Ans**

✓ 1. Game

✗ 2. Match

✗ 3. Point

✗ 4. Tournament

Question ID : 9489114602  
Option 1 ID : 94891118407  
Option 2 ID : 94891118406  
Option 3 ID : 94891118408  
Option 4 ID : 94891118405

Status : Answered

Chosen Option : 1