



## 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	
Test Date	23/01/2021
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 In computer terminology, what is a nibble?

- Ans
- 1. Half a byte
  - 2. A kilobyte
  - 3. A gigabyte
  - 4. A terabyte

Question ID : 9489114536  
Option 1 ID : 94891118144  
Option 2 ID : 94891118142  
Option 3 ID : 94891118141  
Option 4 ID : 94891118143

Status : Answered

Chosen Option : 1



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Q.2 The technology that provides high internet speed over telephone wiring is called:

- Ans  1. ADSL  
 2. ALSD  
 3. ASLD  
 4. ADLS

Question ID : 9489114532  
Option 1 ID : 94891118128  
Option 2 ID : 94891118127  
Option 3 ID : 94891118126  
Option 4 ID : 94891118125  
Status : Not Answered  
Chosen Option : --

Q.3 If  $\sin \theta = \frac{5}{13}$ , and  $\theta$  is a positive acute angle, then what is the value of  $\frac{\cos \theta - \tan \theta}{2 \cot \theta}$  ?

- Ans  1.  $\frac{385}{3744}$   
 2.  $\frac{395}{3744}$   
 3.  $\frac{375}{3744}$   
 4.  $\frac{365}{3744}$

Question ID : 9489113569  
Option 1 ID : 94891114274  
Option 2 ID : 94891114273  
Option 3 ID : 94891114275  
Option 4 ID : 94891114276  
Status : Answered  
Chosen Option : 2

Q.4 National Song 'Vande Mataram', written by Bankim Chandra Chattopadhyay, is a part of which of these novels?

- Ans  1. Anandmath  
 2. Devi Chaudharani  
 3. Kapalkundala  
 4. Durgeshnandini

Question ID : 9489114505  
Option 1 ID : 94891118017  
Option 2 ID : 94891118020  
Option 3 ID : 94891118018  
Option 4 ID : 94891118019  
Status : Not Answered  
Chosen Option : --



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Q.5 Abyssinia is the old name of which country from the following?

- Ans
- 1. Germany
  - 2. Italy
  - 3. Japan
  - 4. Ethiopia

Question ID : 9489114525  
Option 1 ID : 94891118097  
Option 2 ID : 94891118098  
Option 3 ID : 94891118100  
Option 4 ID : 94891118099  
Status : Answered  
Chosen Option : 4

Q.6 The leaked secret investment documents known as 'Panama Papers' belonged to \_\_\_\_\_.

- Ans
- 1. Suddeutsche Zeitung
  - 2. Mossack Fonseca & Co
  - 3. International Consortium of Investigative Journalists
  - 4. SpaceX

Question ID : 9489114543  
Option 1 ID : 94891118171  
Option 2 ID : 94891118169  
Option 3 ID : 94891118170  
Option 4 ID : 94891118172  
Status : Not Answered  
Chosen Option : --

Q.7 The number of girls in a class is seven times the number of boys. Which of the following numbers CANNOT represent the total number of children in the class?

- Ans
- 1. 8
  - 2. 52
  - 3. 72
  - 4. 48

Question ID : 9489114803  
Option 1 ID : 94891119212  
Option 2 ID : 94891119211  
Option 3 ID : 94891119210  
Option 4 ID : 94891119209  
Status : Answered  
Chosen Option : 2



Q.8 If the salary of A is 25% more than that of B, then how much per cent is the salary of B lower than that of A?

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

Question ID : 9489113556  
Option 1 ID : 94891114224  
Option 2 ID : 94891114223  
Option 3 ID : 94891114221  
Option 4 ID : 94891114222  
Status : Answered  
Chosen Option : 3

Q.9 If W is coded as 46 and CAT is coded as 48, then DOG will be coded as:

- Ans
- 1. 60
  - 2. 56
  - 3. 51
  - 4. 52

Question ID : 9489114775  
Option 1 ID : 94891119100  
Option 2 ID : 94891119099  
Option 3 ID : 94891119097  
Option 4 ID : 94891119098  
Status : Answered  
Chosen Option : 4

Q.10 Solve the following:

$$(0.\bar{5} + 0.\bar{6} + 0.\bar{7} + 0.\bar{8}) = ?$$

- Ans
- 1.  $2\frac{4}{9}$
  - 2.  $2\frac{5}{9}$
  - 3.  $2\frac{7}{9}$
  - 4.  $2\frac{8}{9}$

Question ID : 9489113548  
Option 1 ID : 94891114191  
Option 2 ID : 94891114192  
Option 3 ID : 94891114189  
Option 4 ID : 94891114190  
Status : Answered  
Chosen Option : 4

**Q.11** The sum of two numbers is 75 and the difference of their squares is 300. Find the difference between the two numbers.

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

Question ID : 9489113544  
Option 1 ID : 94891114174  
Option 2 ID : 94891114173  
Option 3 ID : 94891114175  
Option 4 ID : 94891114176  
Status : Answered  
Chosen Option : 1

**Q.12** Gunjan and Sophia play badminton and football. Sonu and Ravi play cricket and volleyball. Sophia and Monika play hockey and cricket. Which game is played by maximum number of people?

- Ans**
- 1. Football
  - 2. Cricket
  - 3. Volleyball
  - 4. Badminton

Question ID : 9489114781  
Option 1 ID : 94891119121  
Option 2 ID : 94891119123  
Option 3 ID : 94891119122  
Option 4 ID : 94891119124  
Status : Answered  
Chosen Option : 2

**Q.13** A and B together can dig a tank in 12 days, which A alone can dig in 24 days. How much of the tank can B dig in 1 day?

- Ans**
- 1.  $\frac{1}{4}$
  - 2.  $\frac{1}{12}$
  - 3.  $\frac{1}{36}$
  - 4.  $\frac{1}{24}$

Question ID : 9489113561  
Option 1 ID : 94891114244  
Option 2 ID : 94891114241  
Option 3 ID : 94891114242  
Option 4 ID : 94891114243  
Status : Answered  
Chosen Option : 4

Q.14 CSIR stands for:

- Ans
- 1. Committee of Science and Iron Research
  - 2. Council of Scientific and Industrial Research
  - 3. Council of Scientific and Indian Research
  - 4. Council of Space and Invention Research

Question ID : 9489114531  
Option 1 ID : 94891118124  
Option 2 ID : 94891118123  
Option 3 ID : 94891118121  
Option 4 ID : 94891118122  
Status : Answered  
Chosen Option : 4

Q.15 How many articles are there in the Constitution of India as of October 2020?

- Ans
- 1. 448
  - 2. 395
  - 3. 398
  - 4. 495

Question ID : 9489114527  
Option 1 ID : 94891118106  
Option 2 ID : 94891118105  
Option 3 ID : 94891118107  
Option 4 ID : 94891118108  
Status : Answered  
Chosen Option : 3

Q.16 If  $\tan 3\theta \cdot \tan 6\theta = 1$ , then the value of  $\tan 3\theta$  is:

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

Question ID : 9489113572  
Option 1 ID : 94891114286  
Option 2 ID : 94891114287  
Option 3 ID : 94891114285  
Option 4 ID : 94891114288  
Status : Answered  
Chosen Option : 3



Q.17 Find the smallest number that is exactly divisible by 7, 14, 28, 35 and 42.

- Ans
- 1. 450
  - 2. 430
  - 3. 410
  - 4. 420

Question ID : 9489113551  
Option 1 ID : 94891114201  
Option 2 ID : 94891114202  
Option 3 ID : 94891114204  
Option 4 ID : 94891114203  
Status : Answered  
Chosen Option : 4

Q.18 What is the name of famous petroleum site located in Gujarat?

- Ans
- 1. Jaileshwar
  - 2. Mahabaleshwar
  - 3. Ankleshwar
  - 4. Amreshwar

Question ID : 9489114522  
Option 1 ID : 94891118085  
Option 2 ID : 94891118086  
Option 3 ID : 94891118088  
Option 4 ID : 94891118087  
Status : Not Answered  
Chosen Option : --

Q.19 Sal and teak are the most important \_\_\_\_\_ trees.

- Ans
- 1. coniferous
  - 2. pioneer
  - 3. medicinal
  - 4. deciduous

Question ID : 9489114514  
Option 1 ID : 94891118054  
Option 2 ID : 94891118055  
Option 3 ID : 94891118056  
Option 4 ID : 94891118053  
Status : Not Answered  
Chosen Option : --





Q.20 If  $3x = \operatorname{cosec} \theta$  and  $\frac{3}{x} = \cot \theta$ , then the value of  $9\left(x^2 - \frac{1}{x^2}\right)$  is

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

Question ID : 9489113570  
Option 1 ID : 94891114280  
Option 2 ID : 94891114277  
Option 3 ID : 94891114279  
Option 4 ID : 94891114278  
Status : Answered  
Chosen Option : 4

Q.21 In the Unitary States, the \_\_\_\_\_ government performs all the governmental functions.

- Ans  1. Central  
 2. state  
 3. international  
 4. local

Question ID : 9489114529  
Option 1 ID : 94891118116  
Option 2 ID : 94891118115  
Option 3 ID : 94891118113  
Option 4 ID : 94891118114  
Status : Answered  
Chosen Option : 1

Q.22 Which of the following is the highest peak of the Nilgiri hills?

- Ans  1. Kalsubai  
 2. Arnakonda  
 3. Anamudi  
 4. Doddabetta

Question ID : 9489114524  
Option 1 ID : 94891118096  
Option 2 ID : 94891118093  
Option 3 ID : 94891118095  
Option 4 ID : 94891118094  
Status : Answered  
Chosen Option : 4





Q.23 Which one of the following is the 2<sup>nd</sup> leading petroleum exporter in the world during 2019?

- Ans
- 1. Venezuela
  - 2. Norway
  - 3. U.A.E
  - 4. Russia

Question ID : 9489114523  
Option 1 ID : 94891118092  
Option 2 ID : 94891118091  
Option 3 ID : 94891118090  
Option 4 ID : 94891118089  
Status : Answered  
Chosen Option : 3

Q.24 What is the mineral name of rock salt?

- Ans
- 1. Limonite
  - 2. Hematite
  - 3. Halite
  - 4. Siderite

Question ID : 9489114513  
Option 1 ID : 94891118050  
Option 2 ID : 94891118049  
Option 3 ID : 94891118051  
Option 4 ID : 94891118052  
Status : Not Answered  
Chosen Option : --

Q.25 Phad, an art form of Rajasthan, is a \_\_\_\_\_ form of painting.

- Ans
- 1. musical
  - 2. tribal
  - 3. religious
  - 4. sensual

Question ID : 9489114507  
Option 1 ID : 94891118027  
Option 2 ID : 94891118028  
Option 3 ID : 94891118025  
Option 4 ID : 94891118026  
Status : Not Answered  
Chosen Option : --



Q.26 Trojan Horse is a form of:

- Ans
- 1. Virus attack
  - 2. Melissa worm
  - 3. Slammer worm
  - 4. Service attack

Question ID : 9489114538  
Option 1 ID : 94891118152  
Option 2 ID : 94891118149  
Option 3 ID : 94891118150  
Option 4 ID : 94891118151  
Status : Answered  
Chosen Option : 4

Q.27 Among the given word-pairs, three are alike in some manner and one is different. Select the odd one.

- Ans
- 1. Insect : Larva
  - 2. Lion : Cub
  - 3. Dog : Bark
  - 4. Cow : Calf

Question ID : 9489114795  
Option 1 ID : 94891119177  
Option 2 ID : 94891119178  
Option 3 ID : 94891119179  
Option 4 ID : 94891119180  
Status : Answered  
Chosen Option : 3

Q.28 Which of the following musical instruments is not Indo-Islamic in origin?

- Ans
- 1. Veena
  - 2. Sitar
  - 3. Tabla
  - 4. Rabab

Question ID : 9489114509  
Option 1 ID : 94891118036  
Option 2 ID : 94891118033  
Option 3 ID : 94891118034  
Option 4 ID : 94891118035  
Status : Answered  
Chosen Option : 1



Q.29 What is the full form of the abbreviation UPU which is related with United Nations?

- Ans
- 1. Universal Plane Union
  - 2. Universal Paid Union
  - 3. Universal Private Union
  - 4. Universal Postal Union

Question ID : 9489114533  
Option 1 ID : 94891118130  
Option 2 ID : 94891118132  
Option 3 ID : 94891118131  
Option 4 ID : 94891118129  
Status : Answered  
Chosen Option : 4

Q.30 Pulling of the earth gravitationally in the same direction by the sun and the moon causes:

- Ans
- 1. Spring tides
  - 2. High tides
  - 3. Neap tides
  - 4. Low tides

Question ID : 9489114526  
Option 1 ID : 94891118103  
Option 2 ID : 94891118101  
Option 3 ID : 94891118104  
Option 4 ID : 94891118102  
Status : Not Answered  
Chosen Option : --

Q.31 The ratio of the radii of two circles is 1 : 4. The ratio of their areas is:

- Ans
- 1. 1 : 8
  - 2. 1 : 32
  - 3. 1 : 24
  - 4. 1 : 16

Question ID : 9489113564  
Option 1 ID : 94891114253  
Option 2 ID : 94891114255  
Option 3 ID : 94891114256  
Option 4 ID : 94891114254  
Status : Answered  
Chosen Option : 4



**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.

RAW : WAR :: STAR : ?

- Ans
- 1. START
  - 2. MOON
  - 3. ARTS
  - 4. RATS

Question ID : 9489114776  
Option 1 ID : 94891119104  
Option 2 ID : 94891119101  
Option 3 ID : 94891119102  
Option 4 ID : 94891119103  
Status : Answered  
Chosen Option : 4

**Q.33** Fill in the blank, \_\_\_\_\_ % of 50 = 40.

- Ans
- 1. 60
  - 2. 80
  - 3. 70
  - 4. 90

Question ID : 9489113554  
Option 1 ID : 94891114213  
Option 2 ID : 94891114215  
Option 3 ID : 94891114214  
Option 4 ID : 94891114216  
Status : Answered  
Chosen Option : 2

**Q.34** The four essential requirements for photosynthesis include:

- Ans
- 1. Chemicals, carbohydrates, water and chlorophyll
  - 2. Parasites, food, chlorophyll and oxygen
  - 3. Carbon dioxide, minerals, chlorophyll and sunlight
  - 4. Chlorophyll, sunlight, carbon dioxide and water

Question ID : 9489114511  
Option 1 ID : 94891118044  
Option 2 ID : 94891118042  
Option 3 ID : 94891118041  
Option 4 ID : 94891118043  
Status : Answered  
Chosen Option : 4



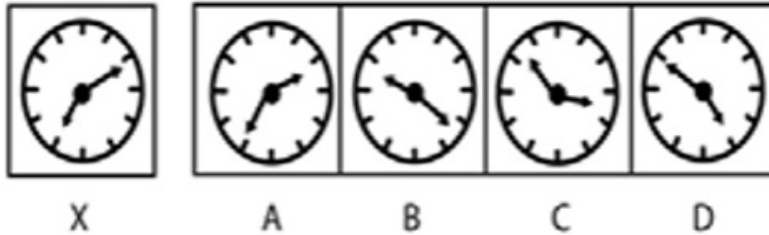
Q.35 Parenchyma and collenchyma are the types of \_\_\_\_\_ tissues.

- Ans
- 1. nervous
  - 2. mechanical
  - 3. simple permanent
  - 4. vascular

Question ID : 9489114512  
Option 1 ID : 94891118045  
Option 2 ID : 94891118048  
Option 3 ID : 94891118047  
Option 4 ID : 94891118046  
Status : Answered  
Chosen Option : 4

Q.36 Select the mirror image of Figure X from the given Option Figures.

Option Figures



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

Question ID : 9489114801  
Option 1 ID : 94891119203  
Option 2 ID : 94891119204  
Option 3 ID : 94891119201  
Option 4 ID : 94891119202  
Status : Answered  
Chosen Option : 2

Q.37 Which is the tallest Victory tower in India?

- Ans
- 1. Qutub Minar
  - 2. Fateh Burj
  - 3. Jhulta Minar
  - 4. Vijay Stambh

Question ID : 9489114508  
Option 1 ID : 94891118031  
Option 2 ID : 94891118029  
Option 3 ID : 94891118032  
Option 4 ID : 94891118030  
Status : Not Answered  
Chosen Option : --

Q.38 Find the place value of 7 in 71,624.

- Ans
- 1. 70,000
  - 2. 700
  - 3. 7,000
  - 4. 7

Question ID : 9489113545  
Option 1 ID : 94891114179  
Option 2 ID : 94891114178  
Option 3 ID : 94891114180  
Option 4 ID : 94891114177  
Status : Answered  
Chosen Option : 1

Q.39 A/An \_\_\_\_\_ is an interface between the user and hardware.

- Ans
- 1. memory
  - 2. command
  - 3. screen
  - 4. operating system

Question ID : 9489114542  
Option 1 ID : 94891118165  
Option 2 ID : 94891118168  
Option 3 ID : 94891118166  
Option 4 ID : 94891118167  
Status : Answered  
Chosen Option : 4



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Q.40 Which type of paintings are found on the walls of Thiruvavur and Ajantha temples?

- Ans
- 1. Rajasthani
  - 2. Madhubani
  - 3. Mughal
  - 4. Mural

Question ID : 9489114510  
Option 1 ID : 94891118038  
Option 2 ID : 94891118040  
Option 3 ID : 94891118039  
Option 4 ID : 94891118037  
Status : Answered  
Chosen Option : 2

Q.41 A boy bought some toffee at the rate of 15 toffees for ₹3 and sold all of them at the rate of 3 toffee for ₹2. Find the gain or loss.

- Ans
- 1.  $233\frac{1}{3}$  % loss
  - 2.  $233\frac{1}{3}$  % gain
  - 3.  $233\frac{2}{3}$  % loss
  - 4.  $233\frac{2}{3}$  % gain

Question ID : 9489113560  
Option 1 ID : 94891114240  
Option 2 ID : 94891114237  
Option 3 ID : 94891114239  
Option 4 ID : 94891114238  
Status : Answered  
Chosen Option : 2

Q.42 Which country will be hosting the 2022 FIFA world cup?

- Ans
- 1. Spain
  - 2. Australia
  - 3. Argentina
  - 4. Qatar

Question ID : 9489114504  
Option 1 ID : 94891118016  
Option 2 ID : 94891118014  
Option 3 ID : 94891118013  
Option 4 ID : 94891118015  
Status : Answered  
Chosen Option : 4





**Q.43** X and Y can complete a piece of work in 16 days, Y and Z can do the same piece of work in 24 days. X, Y and Z together can do it in 12 days. How much time will X and Z take to finish it?

- Ans**
- 1. 10 days
  - 2. 16 days
  - 3. 12 days
  - 4. 14 days

Question ID : 9489113563  
Option 1 ID : 94891114252  
Option 2 ID : 94891114249  
Option 3 ID : 94891114251  
Option 4 ID : 94891114250  
Status : Answered  
Chosen Option : 2

**Q.44** The angles of a quadrilateral are in the ratios 2 : 4 : 6 : 8. The smallest of these angles is:

- Ans**
- 1.  $60^\circ$
  - 2.  $22^\circ$
  - 3.  $72^\circ$
  - 4.  $36^\circ$

Question ID : 9489113568  
Option 1 ID : 94891114271  
Option 2 ID : 94891114270  
Option 3 ID : 94891114272  
Option 4 ID : 94891114269  
Status : Answered  
Chosen Option : 4

**Q.45** Sophia and Rohan play badminton and football. Dinesh and Rahul play cricket and volleyball. Rohan and Naveen play hockey and cricket. Who does NOT play cricket?

- Ans**
- 1. Naveen
  - 2. Sophia
  - 3. Dinesh
  - 4. Rohan

Question ID : 9489114800  
Option 1 ID : 94891119198  
Option 2 ID : 94891119200  
Option 3 ID : 94891119197  
Option 4 ID : 94891119199  
Status : Answered  
Chosen Option : 2



Q.46 If  $\frac{x}{5} = \frac{y}{6} = \frac{z}{11}$ , then  $\frac{x+y+z}{z}$  is equal to:

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

Question ID : 9489113550  
Option 1 ID : 94891114200  
Option 2 ID : 94891114198  
Option 3 ID : 94891114197  
Option 4 ID : 94891114199  
Status : Answered  
Chosen Option : 3

Q.47 Which Queen of Ahmednagar fought against Emperor Akbar?

- Ans
- 1. Razia Sultan
  - 2. Durgavati
  - 3. Roopmati
  - 4. Chand Bibi

Question ID : 9489114521  
Option 1 ID : 94891118082  
Option 2 ID : 94891118081  
Option 3 ID : 94891118083  
Option 4 ID : 94891118084  
Status : Not Answered  
Chosen Option : --

Q.48 At what rate per cent of simple interest does a sum of money double itself in 12 years?

- Ans
- 1.  $8\frac{2}{3}$  %
  - 2.  $9\frac{2}{3}$  %
  - 3.  $8\frac{1}{3}$  %
  - 4.  $9\frac{1}{3}$  %

Question ID : 9489113558  
Option 1 ID : 94891114230  
Option 2 ID : 94891114232  
Option 3 ID : 94891114229  
Option 4 ID : 94891114231  
Status : Answered  
Chosen Option : 3



Q.49 Which of these is not the member of UN Security Council as of October 2020?

- Ans
- 1. Russia
  - 2. Malaysia
  - 3. United Kingdom
  - 4. France

Question ID : 9489114534  
Option 1 ID : 94891118133  
Option 2 ID : 94891118135  
Option 3 ID : 94891118136  
Option 4 ID : 94891118134  
Status : Not Answered  
Chosen Option : --

Q.50 Two numbers are in the ratio of 2 : 3 and the product of their LCM and HCF is 9600. The sum of the numbers is:

- Ans
- 1. 250
  - 2. 150
  - 3. 200
  - 4. 100

Question ID : 9489113553  
Option 1 ID : 94891114212  
Option 2 ID : 94891114210  
Option 3 ID : 94891114211  
Option 4 ID : 94891114209  
Status : Answered  
Chosen Option : 3

Q.51 In the year 1937, the Congress session was held for the first time in a village at:

- Ans
- 1. Gaya
  - 2. Gorakhpur
  - 3. Faizpur
  - 4. Champaran

Question ID : 9489114520  
Option 1 ID : 94891118077  
Option 2 ID : 94891118080  
Option 3 ID : 94891118079  
Option 4 ID : 94891118078  
Status : Not Answered  
Chosen Option : --



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Q.52 The value of  $3 + 12 + 27 + \dots + 3n^2$  is:

- Ans
- 1.  $\frac{n(n+1)(2n+1)}{2}$
  - 2.  $\frac{n(n+1)(2n+1)}{6}$
  - 3.  $\frac{n(n+1)}{2}$
  - 4.  $\frac{n(n+1)(2n+1)}{3}$

Question ID : 9489113566  
Option 1 ID : 94891114262  
Option 2 ID : 94891114264  
Option 3 ID : 94891114263  
Option 4 ID : 94891114261  
Status : Answered  
Chosen Option : 1

Q.53 What was India's first supercomputer called?

- Ans
- 1. ENIAC
  - 2. SAGA 220
  - 3. PARAM 8000
  - 4. PARAM 6000

Question ID : 9489114537  
Option 1 ID : 94891118148  
Option 2 ID : 94891118145  
Option 3 ID : 94891118147  
Option 4 ID : 94891118146  
Status : Answered  
Chosen Option : 4

Q.54 The product of two co-prime numbers is 119. Their LCM should be:

- Ans
- 1. 119
  - 2. 1
  - 3. 7
  - 4. 17

Question ID : 9489113547  
Option 1 ID : 94891114185  
Option 2 ID : 94891114186  
Option 3 ID : 94891114188  
Option 4 ID : 94891114187  
Status : Answered  
Chosen Option : 1

**Q.55** Which of the four options provided below will be the closest to the area of an equilateral triangle, each of whose sides is 10 m long?

- Ans
- 1. 42.25 m<sup>2</sup>
  - 2. 45.25 m<sup>2</sup>
  - 3. 43.25 m<sup>2</sup>
  - 4. 44.25 m<sup>2</sup>

Question ID : 9489113565  
Option 1 ID : 94891114257  
Option 2 ID : 94891114260  
Option 3 ID : 94891114258  
Option 4 ID : 94891114259  
Status : Answered  
Chosen Option : 3

**Q.56** SAGA-220 was developed by Indian Space Research Organization. What is SAGA-220?

- Ans
- 1. Super Computer
  - 2. Missile
  - 3. Satellite
  - 4. Pacemaker

Question ID : 9489114539  
Option 1 ID : 94891118154  
Option 2 ID : 94891118153  
Option 3 ID : 94891118155  
Option 4 ID : 94891118156  
Status : Answered  
Chosen Option : 3

**Q.57** The product of  $\left(1 - \frac{1}{x+1}\right)\left(1 - \frac{1}{x+2}\right)\left(1 - \frac{1}{x+3}\right) \dots \dots \dots \left(1 - \frac{1}{2x}\right)$  is:

- Ans
- 1.  $\left(\frac{x-1}{2x}\right)$
  - 2.  $\frac{1}{2}$
  - 3.  $\left(\frac{2x+1}{2x}\right)$
  - 4.  $\frac{3}{2}$

Question ID : 9489113567  
Option 1 ID : 94891114265  
Option 2 ID : 94891114267  
Option 3 ID : 94891114266  
Option 4 ID : 94891114268  
Status : Answered  
Chosen Option : 2

Q.58 Kesavananda Bharti Case in 1973 stemmed the question that the Preamble can \_\_\_\_\_.

- Ans
- 1. be amended
  - 2. not be amended
  - 3. be changed completely
  - 4. be separated into sections

Question ID : 9489114528  
Option 1 ID : 94891118109  
Option 2 ID : 94891118110  
Option 3 ID : 94891118111  
Option 4 ID : 94891118112  
Status : Answered  
Chosen Option : 1

Q.59 Find the missing number to complete the given analogy.

$$2 : 7 :: 11 : ? :: 23 : 37$$

- Ans
- 1. 19
  - 2. 17
  - 3. 21
  - 4. 15

Question ID : 9489114779  
Option 1 ID : 94891119115  
Option 2 ID : 94891119114  
Option 3 ID : 94891119116  
Option 4 ID : 94891119113  
Status : Not Answered  
Chosen Option : --

Q.60 There are 3 pieces of wooden logs which are 48 m, 56 m and 72 m long. What is the greatest possible length by which these can be completely measured?

- Ans
- 1. 9 m
  - 2. 7 m
  - 3. 11 m
  - 4. 8 m

Question ID : 9489113549  
Option 1 ID : 94891114195  
Option 2 ID : 94891114193  
Option 3 ID : 94891114196  
Option 4 ID : 94891114194  
Status : Answered  
Chosen Option : 4



**Q.61** A species that cannot be found after a prolonged search in its area of habitation is said to be \_\_\_\_ species.

- Ans**
- 1. vulnerable
  - 2. extinct
  - 3. rare
  - 4. endangered

Question ID : 9489114515  
Option 1 ID : 94891118058  
Option 2 ID : 94891118060  
Option 3 ID : 94891118059  
Option 4 ID : 94891118057  
Status : Answered  
Chosen Option : 2

**Q.62** The sum of the four consecutive even numbers is 484. What would the smallest number be?

- Ans**
- 1. 118
  - 2. 128
  - 3. 114
  - 4. 242

Question ID : 9489113552  
Option 1 ID : 94891114205  
Option 2 ID : 94891114206  
Option 3 ID : 94891114207  
Option 4 ID : 94891114208  
Status : Answered  
Chosen Option : 1

**Q.63** If Sachin secures 70% marks in mathematics and 60% in science, what percentage of marks did Sachin get in both subjects together, assuming both subjects to have equal maximum marks?

- Ans**
- 1. 60%
  - 2. 65%
  - 3. 55%
  - 4. 70%

Question ID : 9489113555  
Option 1 ID : 94891114218  
Option 2 ID : 94891114219  
Option 3 ID : 94891114217  
Option 4 ID : 94891114220  
Status : Answered  
Chosen Option : 2



Q.64 Taty Tope was one of the leaders who participated in the Indian rebellion of:

- Ans  1. 1857  
 2. 1890  
 3. 1902  
 4. 1859

Question ID : 9489114518  
Option 1 ID : 94891118069  
Option 2 ID : 94891118071  
Option 3 ID : 94891118072  
Option 4 ID : 94891118070  
Status : Not Answered  
Chosen Option : --

Q.65 Which of the following is the famous festival game of Kerala?

- Ans  1. Swimming  
 2. Boat race  
 3. Jujutsu  
 4. Weightlifting

Question ID : 9489114506  
Option 1 ID : 94891118021  
Option 2 ID : 94891118022  
Option 3 ID : 94891118023  
Option 4 ID : 94891118024  
Status : Answered  
Chosen Option : 2

Q.66 Select the letter-cluster that does NOT belong to the given series.

CDE, FGH, IJK, LNM

- Ans  1. CDE  
 2. FGH  
 3. LNM  
 4. IJK

Question ID : 9489114793  
Option 1 ID : 94891119171  
Option 2 ID : 94891119170  
Option 3 ID : 94891119172  
Option 4 ID : 94891119169  
Status : Answered  
Chosen Option : 3



**Q.67** The population of a town increases 10% annually. If it's present population is 6,400, what will the population in 2 years be?

- Ans
- 1. 7,746
  - 2. 7,744
  - 3. 7,742
  - 4. 7,740

Question ID : 9489113559  
Option 1 ID : 9489114236  
Option 2 ID : 9489114235  
Option 3 ID : 9489114234  
Option 4 ID : 9489114233  
Status : Answered  
Chosen Option : 2

**Q.68** By selling a vehicle for ₹52,500, Ram suffers a 25% loss. What was his loss?

- Ans
- 1. ₹16,500
  - 2. ₹17,000
  - 3. ₹17,500
  - 4. ₹18,000

Question ID : 9489113557  
Option 1 ID : 9489114225  
Option 2 ID : 9489114226  
Option 3 ID : 9489114227  
Option 4 ID : 9489114228  
Status : Answered  
Chosen Option : 3

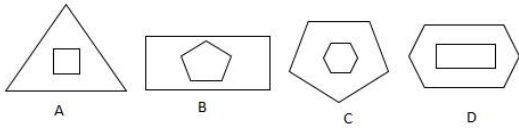
**Q.69** Find the difference of the face values of 9 and 3 in 3,15,298.

- Ans
- 1. 6
  - 2. 2,99,910
  - 3. 27
  - 4. 3,00,090

Question ID : 9489113546  
Option 1 ID : 9489114182  
Option 2 ID : 9489114184  
Option 3 ID : 9489114181  
Option 4 ID : 9489114183  
Status : Answered  
Chosen Option : 1



**Q.70** Among the four figures listed, three of them follow a common rule and one does not. Select the odd one.



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

Question ID : 9489114799  
Option 1 ID : 94891119195  
Option 2 ID : 94891119193  
Option 3 ID : 94891119194  
Option 4 ID : 94891119196  
Status : Answered  
Chosen Option : 2

**Q.71** A is twice as efficient as B and together, they finish a piece of work in 20 days. A alone can finish the work in:

- Ans
- 1. 26 days
  - 2. 30 days
  - 3. 28 days
  - 4. 20 days

Question ID : 9489113562  
Option 1 ID : 94891114246  
Option 2 ID : 94891114247  
Option 3 ID : 94891114248  
Option 4 ID : 94891114245  
Status : Answered  
Chosen Option : 2

**Q.72** If  $2 \sin (3x - 3)^\circ = \tan 240^\circ$ , then the value of x in degree is:

- Ans
- 1.  $21^\circ$
  - 2.  $25^\circ$
  - 3.  $27^\circ$
  - 4.  $23^\circ$

Question ID : 9489113573  
Option 1 ID : 94891114289  
Option 2 ID : 94891114291  
Option 3 ID : 94891114292  
Option 4 ID : 94891114290  
Status : Answered  
Chosen Option : 1



**Q.73** Identify the number from among the given options that DOES NOT belong to the following series.

17, 23, 30, 38, 46, 57

- Ans
- 1. 30
  - 2. 46
  - 3. 57
  - 4. 23

Question ID : 9489114783  
Option 1 ID : 94891119131  
Option 2 ID : 94891119129  
Option 3 ID : 94891119130  
Option 4 ID : 94891119132  
Status : Answered  
Chosen Option : 2

**Q.74** The international airport of which Indian city is named after Dr. B. R. Ambedkar?

- Ans
- 1. Ranchi
  - 2. Pune
  - 3. Hyderabad
  - 4. Nagpur

Question ID : 9489114540  
Option 1 ID : 94891118160  
Option 2 ID : 94891118157  
Option 3 ID : 94891118158  
Option 4 ID : 94891118159  
Status : Not Answered  
Chosen Option : --

**Q.75** During the Quit India Movement, Aruna Asaf Ali hoisted the National Congress Flag in:

- Ans
- 1. New Delhi
  - 2. Calcutta (now Kolkata)
  - 3. Goa
  - 4. Bombay (now Mumbai)

Question ID : 9489114519  
Option 1 ID : 94891118074  
Option 2 ID : 94891118076  
Option 3 ID : 94891118075  
Option 4 ID : 94891118073  
Status : Not Answered  
Chosen Option : --



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Q.76 Which Five year plan in India was based on P.C.Mahalanobis Model?

- Ans
- 1. 3<sup>rd</sup> Five Year Plan
  - 2. 2<sup>nd</sup> Five Year Plan
  - 3. 4<sup>th</sup> Five Year Plan
  - 4. 1<sup>st</sup> Five Year Plan

Question ID : 9489114541  
Option 1 ID : 94891118162  
Option 2 ID : 94891118163  
Option 3 ID : 94891118164  
Option 4 ID : 94891118161  
Status : Not Answered  
Chosen Option : --

Q.77 Which of the following is NOT an environmental concern?

- Ans
- 1. Global warming
  - 2. Increasing consumption and use of plastics
  - 3. Growing pollution levels
  - 4. Raising ozone layer

Question ID : 9489114535  
Option 1 ID : 94891118138  
Option 2 ID : 94891118140  
Option 3 ID : 94891118139  
Option 4 ID : 94891118137  
Status : Answered  
Chosen Option : 4

Q.78 The three numbers given below are alike in some manner. Identify the number from among the given options, that belongs to this group:

94, 61, 83

- Ans
- 1. 96
  - 2. 72
  - 3. 87
  - 4. 75

Question ID : 9489114784  
Option 1 ID : 94891119133  
Option 2 ID : 94891119136  
Option 3 ID : 94891119135  
Option 4 ID : 94891119134  
Status : Answered  
Chosen Option : 2



Q.79 When was Goa captured by the Portuguese?

- Ans
- 1. 1485 AD
  - 2. 1590 AD
  - 3. 1605 AD
  - 4. 1510 AD

Question ID : 9489114517  
Option 1 ID : 94891118065  
Option 2 ID : 94891118066  
Option 3 ID : 94891118068  
Option 4 ID : 94891118067  
Status : Not Answered  
Chosen Option : --

Q.80 If  $\cos \theta + \sec \theta = 2$  , then the value of  $\sin^6 \theta + \cos^6 \theta$  is:

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

Question ID : 9489113571  
Option 1 ID : 94891114282  
Option 2 ID : 94891114284  
Option 3 ID : 94891114281  
Option 4 ID : 94891114283  
Status : Answered  
Chosen Option : 3

Q.81 When respiration takes place even in the absence of oxygen, it is called \_\_\_\_\_ respiration.

- Ans
- 1. anaerobic
  - 2. aerobic
  - 3. contracted
  - 4. circulatory

Question ID : 9489114516  
Option 1 ID : 94891118062  
Option 2 ID : 94891118061  
Option 3 ID : 94891118064  
Option 4 ID : 94891118063  
Status : Answered  
Chosen Option : 1

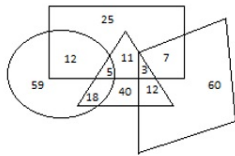


Q.82 India's space programme was started by:

- Ans
- 1. Vijay Sarabhai
  - 2. Rahul Kumar
  - 3. Vikram Sarabhai
  - 4. Vivek Sarabhai

Question ID : 9489114530  
Option 1 ID : 94891118118  
Option 2 ID : 94891118120  
Option 3 ID : 94891118117  
Option 4 ID : 94891118119  
Status : Answered  
Chosen Option : 3

Q.83 In the given figure, the rectangle shows the number of students in 10<sup>th</sup> grade of a school. The parallelogram shows the number of girls in the school. The triangle shows the number of tennis playing students and the circle shows the number of boys playing cricket in the school.



How many total students are there in 10<sup>th</sup> grade and how many of them play both cricket and tennis?

- Ans
- 1. 63, 23
  - 2. 63, 5
  - 3. 59, 5
  - 4. 59, 19

Question ID : 9489114798  
Option 1 ID : 94891119189  
Option 2 ID : 94891119190  
Option 3 ID : 94891119192  
Option 4 ID : 94891119191  
Status : Answered  
Chosen Option : 2



**Q.84** Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different from the rest.

- Ans
- 1. 9637
  - 2. 5459
  - 3. 4174
  - 4. 2126

Question ID : 9489114788  
Option 1 ID : 94891119149  
Option 2 ID : 94891119151  
Option 3 ID : 94891119152  
Option 4 ID : 94891119150  
Status : Answered  
Chosen Option : 3

**Q.85** If CALM is coded as XZON, then LOVE will be coded as:

- Ans
- 1. MNOS
  - 2. CBPD
  - 3. OLEV
  - 4. PFMN

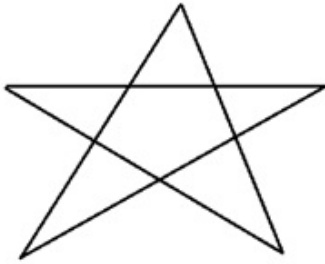
Question ID : 9489114777  
Option 1 ID : 94891119107  
Option 2 ID : 94891119105  
Option 3 ID : 94891119106  
Option 4 ID : 94891119108  
Status : Answered  
Chosen Option : 3



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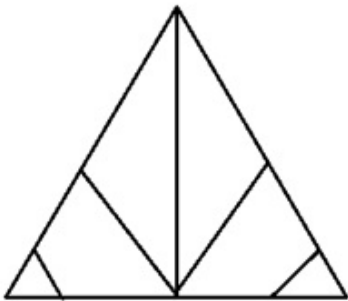
Q.86 Find the number of the triangles in the given figure.



- Ans
- 1. 10
  - 2. 8
  - 3. 5
  - 4. 6

Question ID : 9489114789  
Option 1 ID : 94891119153  
Option 2 ID : 94891119155  
Option 3 ID : 94891119154  
Option 4 ID : 94891119156  
Status : Answered  
Chosen Option : 1

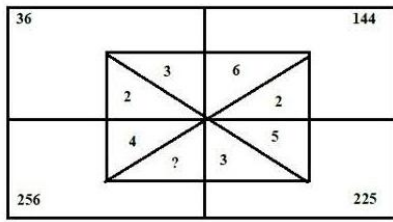
Q.87 How many pentagons are there in the given figure?



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

Question ID : 9489114790  
Option 1 ID : 94891119157  
Option 2 ID : 94891119158  
Option 3 ID : 94891119160  
Option 4 ID : 94891119159  
Status : Answered  
Chosen Option : 3

**Q.88** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).



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

Question ID : 9489114791  
 Option 1 ID : 94891119164  
 Option 2 ID : 94891119161  
 Option 3 ID : 94891119162  
 Option 4 ID : 94891119163

Status : Answered

Chosen Option : 3

**Q.89** In a certain code language, if #S\* means 'table is clean', @ D# means 'Clean and neat' and @ ? means 'neat girl', then what is the code for 'and' in that language?

- Ans
- 1. @
  - 2. D
  - 3. ?
  - 4. #

Question ID : 9489114792  
 Option 1 ID : 94891119167  
 Option 2 ID : 94891119166  
 Option 3 ID : 94891119168  
 Option 4 ID : 94891119165

Status : Answered

Chosen Option : 2

**Q.90** Among the four numbers listed, three are alike in some manner and one is different. Select the odd one.

- Ans
- 1. 325
  - 2. 213
  - 3. 639
  - 4. 427

Question ID : 9489114794  
 Option 1 ID : 94891119173  
 Option 2 ID : 94891119176  
 Option 3 ID : 94891119174  
 Option 4 ID : 94891119175

Status : Answered

Chosen Option : 4

**Q.91** If '+' means 'multiplication', '×' means 'plus', '-' means 'division', and '-' means 'minus', then find the value of

$$(18 + 10 \times 20) - 8 \div 6$$

- Ans**
- 1. 19
  - 2. 59
  - 3. 29
  - 4. 69

Question ID : 9489114786  
Option 1 ID : 94891119144  
Option 2 ID : 94891119143  
Option 3 ID : 94891119141  
Option 4 ID : 94891119142  
Status : Answered  
Chosen Option : 1

**Q.92** Select the option that is related to the third term in the same way as the second term is related to the first term.

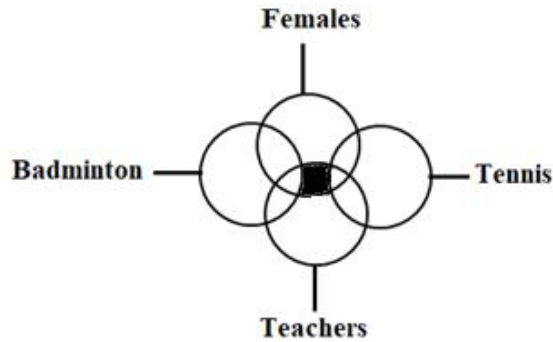
FEAL : LEAF :: EAKT : ?

- Ans**
- 1. KATE
  - 2. ETAK
  - 3. KETA
  - 4. TAKE

Question ID : 9489114802  
Option 1 ID : 94891119206  
Option 2 ID : 94891119205  
Option 3 ID : 94891119208  
Option 4 ID : 94891119207  
Status : Answered  
Chosen Option : 4



Q.93 In the given figure, what does the shaded portion depict?



Ans  1.

A group of female teachers who neither play badminton nor tennis

2.

A group of teachers who are both tennis and badminton players

3. A group of female teachers who are badminton players

4.

A group of female teachers who are tennis players but not badminton players

Question ID : 9489114797

Option 1 ID : 94891119186

Option 2 ID : 94891119185

Option 3 ID : 94891119187

Option 4 ID : 94891119188

Status : Answered

Chosen Option : 1

Q.94 If BED is coded as 42516, then DIG will be coded as:

Ans  1. 161894

2. 1625363

3. 253681

4. 168149

Question ID : 9489114780

Option 1 ID : 94891119119

Option 2 ID : 94891119120

Option 3 ID : 94891119117

Option 4 ID : 94891119118

Status : Answered

Chosen Option : 4

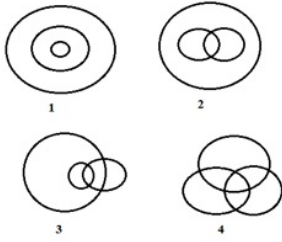


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**Q.95** Select the Venn diagram that best represents the relationship between the following classes.

Players, Humans, Students



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

Question ID : 9489114796  
Option 1 ID : 94891119181  
Option 2 ID : 94891119182  
Option 3 ID : 94891119184  
Option 4 ID : 94891119183  
Status : Answered  
Chosen Option : 2

**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.

Temperature : Heat :: Humidity : ?

- Ans**
- 1. Moisture
  - 2. Weather
  - 3. Rain
  - 4. Night

Question ID : 9489114778  
Option 1 ID : 94891119112  
Option 2 ID : 94891119109  
Option 3 ID : 94891119110  
Option 4 ID : 94891119111  
Status : Answered  
Chosen Option : 1



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**Q.97** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

$$1 + 2 + 3 + 5 = 39$$

$$2 + 3 + 4 + 5 = 54$$

$$1 + 3 + 4 + 5 = ?$$

**Ans**  1. 51

 2. 50

 3. 55

 4. 56

Question ID : 9489114785

Option 1 ID : 94891119138

Option 2 ID : 94891119137

Option 3 ID : 94891119139

Option 4 ID : 94891119140

Status : Answered


Chosen Option : 1


**Q.98** Read the given statements 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 inferences can definitely be drawn from the statement(s).


**Statements:**


1. All the students passed the examination.

2. Some of the students are girls.

**Ans**  1. Some of the boys failed the examination.

 2. No girl student failed in the examination.

 3. All the girl students failed in the examination.

 4. None of the boys passed the examination.

Question ID : 9489114782

Option 1 ID : 94891119125

Option 2 ID : 94891119127

Option 3 ID : 94891119128

Option 4 ID : 94891119126

Status : Answered

Chosen Option : 2



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**Q.99** 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.

21 : 2 :: 85 : 40 :: 30 : ?

- Ans**
- 1. 0
  - 2. 8
  - 3. 6
  - 4. 3

Question ID : 9489114774  
Option 1 ID : 94891119095  
Option 2 ID : 94891119094  
Option 3 ID : 94891119093  
Option 4 ID : 94891119096  
Status : Answered  
Chosen Option : 1

**Q.100** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

24 S 34 = 68

31 S 26 = 67

17 S 52 = ?

- Ans**
- 1. 58
  - 2. 59
  - 3. 15
  - 4. 16

Question ID : 9489114787  
Option 1 ID : 94891119146  
Option 2 ID : 94891119147  
Option 3 ID : 94891119145  
Option 4 ID : 94891119148  
Status : Answered  
Chosen Option : 2