



सत्यमेव जयते

रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



Participant ID	
Participant Name	
Test Center Name	Mohamed Sathak A.J. College Of Engineering
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 θ 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 : --

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. Armakonda
☐ 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 2nd 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

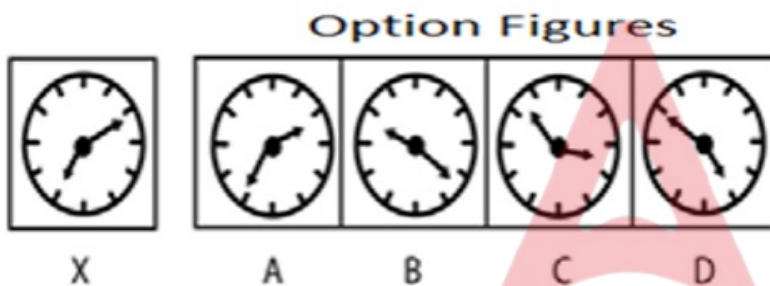
Question ID : 9489114511
Option 1 ID : 94891118044
Option 2 ID : 94891118042
Option 3 ID : 94891118041
Option 4 ID : 94891118043
Status : Answered
Chosen Option : 4

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.



- 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

Q.40 Which type of paintings are found on the walls of Thiruvavur and Ajanta 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°
 - ☐ 2. 22°
 - ☐ 3. 72°
 - ☒ 4. 36°

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 : 9489114200
Option 2 ID : 9489114198
Option 3 ID : 9489114197
Option 4 ID : 9489114199

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 : 9489118082
Option 2 ID : 9489118081
Option 3 ID : 9489118083
Option 4 ID : 9489118084

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 : 9489114230
Option 2 ID : 9489114232
Option 3 ID : 9489114229
Option 4 ID : 9489114231

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 : --

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^2
 - ☒ 2. 45.25 m^2
 - ☒ 3. 43.25 m^2
 - ☒ 4. 44.25 m^2

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 : 94891114236
Option 2 ID : 94891114235
Option 3 ID : 94891114234
Option 4 ID : 94891114233
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

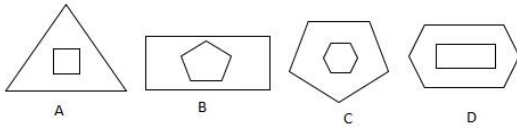
Question ID : 9489113557
Option 1 ID : 94891114225
Option 2 ID : 94891114226
Option 3 ID : 94891114227
Option 4 ID : 94891114228
Status : Answered
Chosen Option : 3

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 : 94891114182
Option 2 ID : 94891114184
Option 3 ID : 94891114181
Option 4 ID : 94891114183
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°
 - ☒ 2. 25°
 - ☒ 3. 27°
 - ☒ 4. 23°

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 : **--**

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

- Ans
- ☒ 1. 3rd Five Year Plan
 - ☒ 2. 2nd Five Year Plan
 - ☒ 3. 4th Five Year Plan
 - ☒ 4. 1st 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

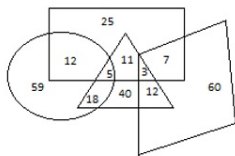
Option 3 ID : 94891118117

Option 4 ID : 94891118119

Status : Answered

Chosen Option : 3

Q.83 In the given figure, the rectangle shows the number of students in 10th 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 10th 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

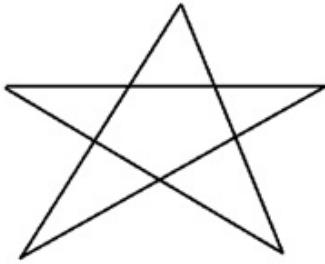
Option 4 ID : 94891119108

Status : Answered

Chosen Option : 3

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

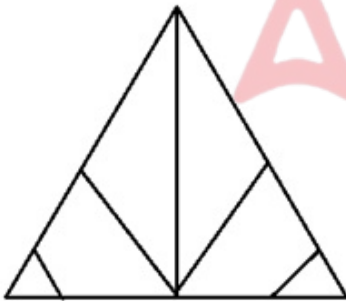
Option 4 ID : 94891119156

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

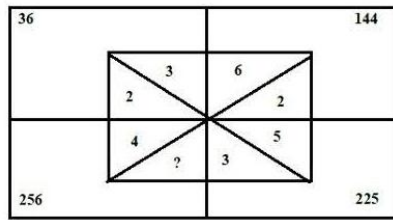
Option 3 ID : 94891119160

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.

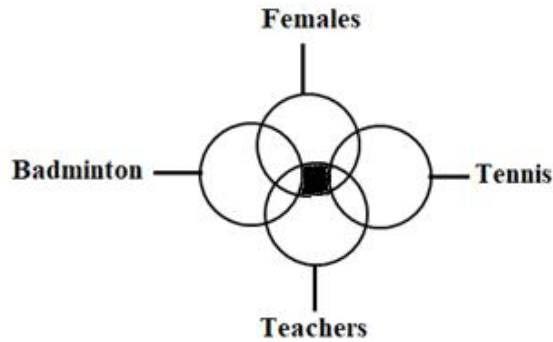
FEAL : LEAF :: EAKT : ?

- 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

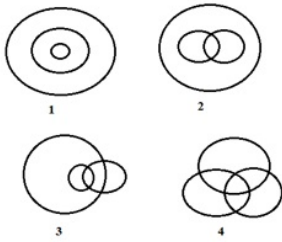
Option 4 ID : 94891119118

Status : Answered

Chosen Option : 4

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

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

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 \$ 34 = 68

31 \$ 26 = 67

17 \$ 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