



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



Participant ID	www.govtjobsalert.in
Participant Name	www.govtjobsalert.in
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.

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 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

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 'Notion of 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 Guajan and Sophia play badminton and football. Soan and Ruvi 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 'UPL' 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

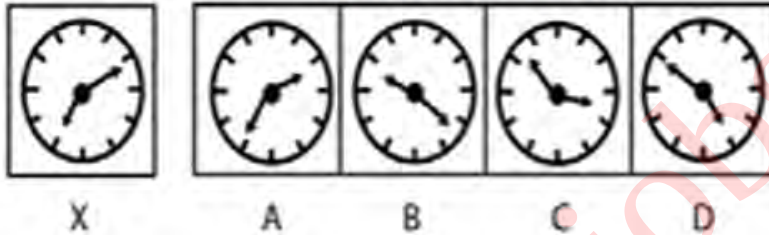
Option 4 ID : 94891118046

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

Q.40 Which type of paintings are found on the walls of Thiruvannur 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 toffees at the rate of 15 toffees for ₹3 and sold all of them at the rate of 3 toffees 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 1 : 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 m²
 - ☒ 2. 45.25 m²
 - ☒ 3. 43.25 m²
 - ☒ 4. 44.25 m²

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 scores 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 Tatyra 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.

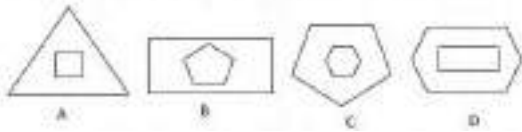
- Ans
- ☒ 1. 6
 - ☒ 2. 2,99,910
 - ☒ 3. 27
 - ☒ 4. 3,00,090

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

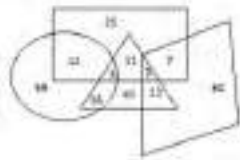
Option 3 ID : 94891118117

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

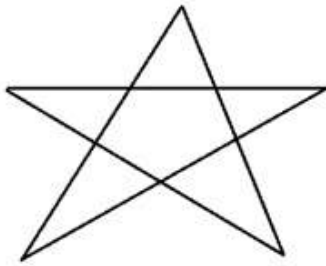
Option 4 ID : 94891119108

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

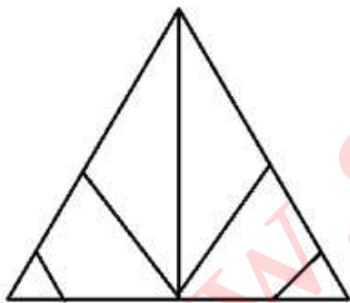
Option 4 ID : 94891119156

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

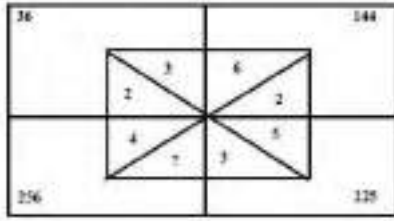
Option 3 ID : 94891119160

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 @ I means 'new 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', 'x' 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

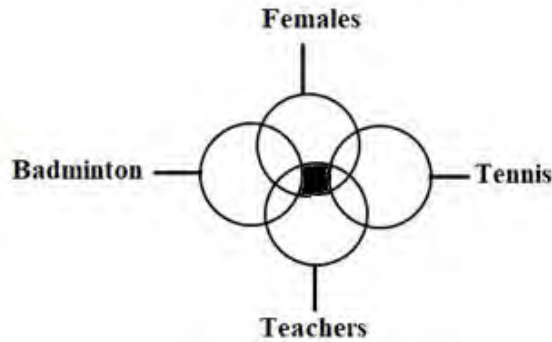
Option 3 ID : 94891119208

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

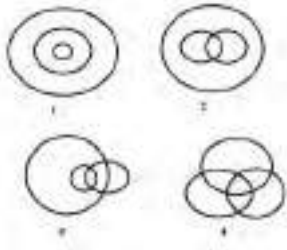
Status : Answered

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 (?).

$$1 + 2 + 3 + 5 = 89$$

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

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

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 (?)

$$34 \text{ \$ } 34 = 68$$

$$31 \text{ \$ } 26 = 67$$

$$17 \text{ \$ } 52 = ?$$

- 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