



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



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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 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 : 9489114280
Option 2 ID : 9489114277
Option 3 ID : 9489114279
Option 4 ID : 9489114278
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 : 9489118116
Option 2 ID : 9489118115
Option 3 ID : 9489118113
Option 4 ID : 9489118114
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 : 9489118096
Option 2 ID : 9489118093
Option 3 ID : 9489118095
Option 4 ID : 9489118094
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

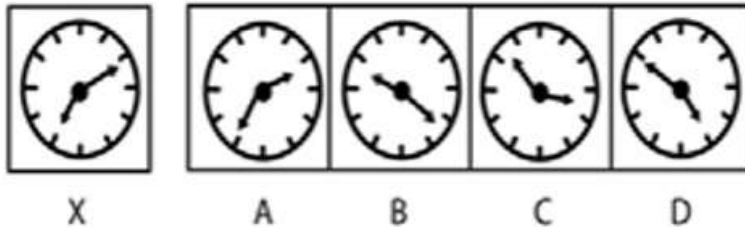
Option 4 ID : 94891118046

Status : Answered

Chosen Option : 4

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

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 Thiruvavarur 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°
 - ☐ 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 : 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 : --

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

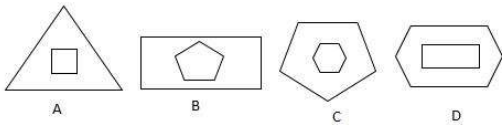
Option 3 ID : 94891114181

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

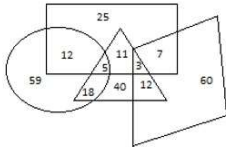
Option 3 ID : 94891118117

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

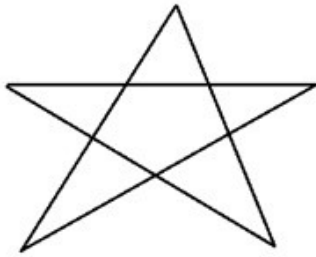
Option 4 ID : 94891119108

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

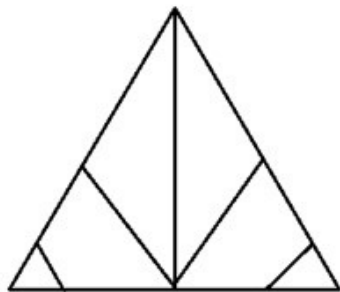
Option 4 ID : 94891119156

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

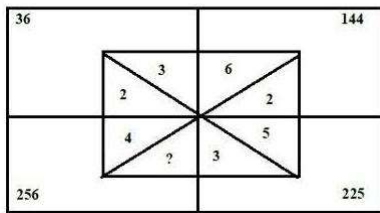
Option 3 ID : 94891119160

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', '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

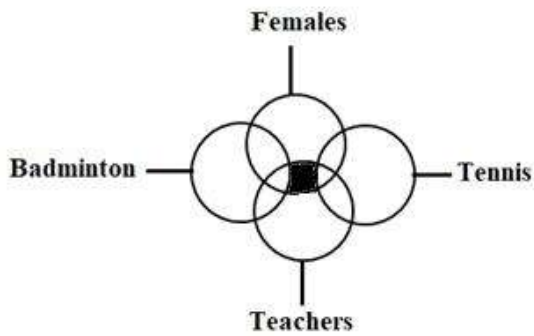
Option 3 ID : 94891119208

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

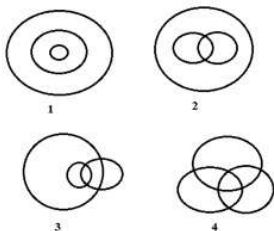
Option 4 ID : 94891119118

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 (?).

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

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

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

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 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