



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



Participant ID	Join YouTube Channel
Participant Name	Join YouTube Channel
Test Center Name	Indraprastha Public School
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 Fill in the blank, _____ % of 50 = 40.

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

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

Status : Answered

Chosen Option : 1

Q.2 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. 55%
 - ☒ 2. 65%
 - ☐ 3. 70%
 - ☐ 4. 60%

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

Status : Answered

Chosen Option : 2

Q.3 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. ARTS
 - ☒ 2. MOON
 - ☒ 3. RATS
 - ☒ 4. START

Question ID : 9489114776

Option 1 ID : 94891119102

Option 2 ID : 94891119101

Option 3 ID : 94891119103

Option 4 ID : 94891119104

Status : Answered

Chosen Option : 3

Q.4 The four essential requirements for photosynthesis include:

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

Question ID : 9489114511

Option 1 ID : 94891118042

Option 2 ID : 94891118044

Option 3 ID : 94891118043

Option 4 ID : 94891118041

Status : Answered

Chosen Option : 3

Q.5 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. 14 days
 - ☒ 2. 10 days
 - ☒ 3. 16 days
 - ☒ 4. 12 days

Question ID : 9489113563

Option 1 ID : 94891114250

Option 2 ID : 94891114252





Option 3 ID : 94891114249

Option 4 ID : 94891114251

Status : Answered

Chosen Option : 3

Q.6 Taty Tope was one of the leaders who participated in the Indian rebellion of:

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

Question ID : 9489114518
Option 1 ID : 94891118069
Option 2 ID : 94891118072
Option 3 ID : 94891118071
Option 4 ID : 94891118070

Status : Answered

Chosen Option : 1

Q.7 Among the given word-pairs, three are alike in some manner and one is different. Select the odd one.

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

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

Status : Answered

Chosen Option : 3

Q.8 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. 72
 2. 52
 3. 48
 4. 8

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

Status : Answered

Chosen Option : 2

Q.9 Which type of paintings are found on the walls of Thiruvavarur and Ajantha temples?

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

Question ID : 9489114510

Option 1 ID : 94891118037

Option 2 ID : 94891118040

Option 3 ID : 94891118038

Option 4 ID : 94891118039

Status : Answered

Chosen Option : 1

Q.10 In the Unitary States, the _____ government performs all the governmental functions.

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

Question ID : 9489114529

Option 1 ID : 94891118115

Option 2 ID : 94891118114

Option 3 ID : 94891118116

Option 4 ID : 94891118113

Status : Answered

Chosen Option : 3

Q.11 What is the name of famous petroleum site located in Gujarat?

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

Question ID : 9489114522

Option 1 ID : 94891118086

Option 2 ID : 94891118088

Option 3 ID : 94891118087

Option 4 ID : 94891118085

Status : Answered

Chosen Option : 2





Q.12 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. 72
 2. 96
 3. 87
 4. 75





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

Q.13 Trojan Horse is a form of:

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

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

Q.14 Kesavananda Bharti Case in 1973 stemmed the question that the Preamble can _____.

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

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

Q.15 Pulling of the earth gravitationally in the same direction by the sun and the moon causes:

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

Question ID : 9489114526

Option 1 ID : 94891118104

Option 2 ID : 94891118103

Option 3 ID : 94891118101

Option 4 ID : 94891118102

Status : Answered

Chosen Option : 3

Q.16 If W is coded as 46 and CAT is coded as 48, then DOG will be coded as:

- Ans**
- ☐ 1. 56
 - ☐ 2. 60
 - ☐ 3. 51
 - ☒ 4. 52

Question ID : 9489114775

Option 1 ID : 94891119099

Option 2 ID : 94891119100

Option 3 ID : 94891119097

Option 4 ID : 94891119098

Status : Answered

Chosen Option : 4

Q.17 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. Rohan
 - ☐ 3. Dinesh
 - ☒ 4. Sophia

Question ID : 9489114800

Option 1 ID : 94891119198

Option 2 ID : 94891119199

Option 3 ID : 94891119197

Option 4 ID : 94891119200

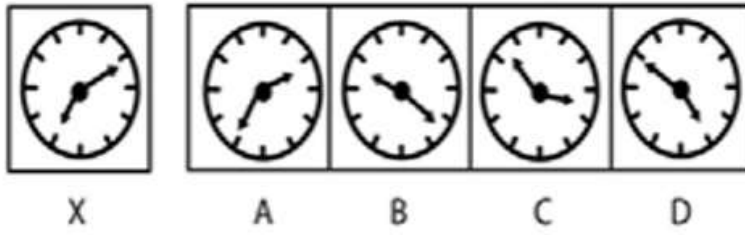
Status : Answered

Chosen Option : 4

Q.18

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

Option Figures



Ans

- ☒ 1. B
- ☒ 2. A
- ☒ 3. D
- ☒ 4. C

Question ID : 9489114801

Option 1 ID : 94891119202

Option 2 ID : 94891119201

Option 3 ID : 94891119204

Option 4 ID : 94891119203

Status : Answered

Chosen Option : 3

Q.19

When was Goa captured by the Portuguese?

Ans

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

Question ID : 9489114517

Option 1 ID : 94891118068

Option 2 ID : 94891118066

Option 3 ID : 94891118067

Option 4 ID : 94891118065

Status : Answered

Chosen Option : 2

Q.20 Which one of the following is the 2nd leading petroleum exporter in the world during 2019?

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

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

Status : Answered

Chosen Option : 3

Q.21 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. 4174
 - ☐ 2. 5459
 - ☐ 3. 2126
 - ☐ 4. 9637

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

Status : Answered

Chosen Option : 1

Q.22 The leaked secret investment documents known as 'Panama Papers' belonged to _____.

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

Question ID : 9489114543
Option 1 ID : 94891118172
Option 2 ID : 94891118171
Option 3 ID : 94891118169
Option 4 ID : 94891118170

Status : Answered

Chosen Option : 3

Q.23 If $\cos \theta + \sec \theta = 2$, then the value of $\sin^6 \theta + \cos^6 \theta$ is:

Ans

☒ 1. $\frac{1}{3}$

☒ 2. 1

☒ 3. $\frac{1}{2}$

☒ 4. 2

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

Q.24 If $2 \sin (3x - 3)^\circ = \tan 240^\circ$, then the value of x in degree is:

Ans

☒ 1. 25°

☒ 2. 21°

☒ 3. 23°

☒ 4. 27°

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

Q.25 Which Five year plan in India was based on P.C.Mahalanobis Model?

Ans

☒ 1. 1st Five Year Plan

☒ 2. 2nd Five Year Plan

☒ 3. 4th Five Year Plan

☒ 4. 3rd Five Year Plan

Question ID : 9489114541
Option 1 ID : 94891118161
Option 2 ID : 94891118163
Option 3 ID : 94891118164
Option 4 ID : 94891118162
Status : Answered
Chosen Option : 2

Q.26 In computer terminology, what is a nibble?

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

Question ID : 9489114536

Option 1 ID : 94891118144

Option 2 ID : 94891118143

Option 3 ID : 94891118141

Option 4 ID : 94891118142

Status : Answered

Chosen Option : 1

Q.27 Abyssinia is the old name of which country from the following?

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

Question ID : 9489114525

Option 1 ID : 94891118098

Option 2 ID : 94891118099

Option 3 ID : 94891118097

Option 4 ID : 94891118100

Status : Answered

Chosen Option : 2

Q.28 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.29 Which Queen of Ahmednagar fought against Emperor Akbar?

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

Question ID : 9489114521
Option 1 ID : 94891118084
Option 2 ID : 94891118082
Option 3 ID : 94891118081
Option 4 ID : 94891118083
Status : Answered
Chosen Option : 1

Q.30 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. $\frac{1}{36}$
 3. $\frac{1}{24}$
 4. $\frac{1}{12}$

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

Q.31 How many articles are there in the Constitution of India as of October 2020?


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

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

Q.32 Solve the following:

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

Ans

 1. $2\frac{4}{9}$

 2. $2\frac{7}{9}$

 3. $2\frac{8}{9}$

 4. $2\frac{5}{9}$

Question ID : 9489113548

Option 1 ID : 94891114191

Option 2 ID : 94891114189

Option 3 ID : 94891114190


Option 4 ID : 94891114192


Status : Answered

Chosen Option : 3


Q.33 If CALM is coded as XZON, then LOVE will be coded as:

Ans

 1. PFMN

 2. CBPD

 3. MNOS

 4. OLEV

Question ID : 9489114777

Option 1 ID : 94891119108

Option 2 ID : 94891119105

Option 3 ID : 94891119107

Option 4 ID : 94891119106

Status : Answered

Chosen Option : 4

Q.34 India's space programme was started by:

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

Question ID : 9489114530

Option 1 ID : 94891118117

Option 2 ID : 94891118118

Option 3 ID : 94891118120

Option 4 ID : 94891118119

Status : Answered

Chosen Option : 1

Q.35 Phad, an art form of Rajasthan, is a _____ form of painting.

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

Question ID : 9489114507

Option 1 ID : 94891118028

Option 2 ID : 94891118026

Option 3 ID : 94891118025

Option 4 ID : 94891118027

Status : Not Answered

Chosen Option : --

Q.36 What was India's first supercomputer called?

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

Question ID : 9489114537

Option 1 ID : 94891118147

Option 2 ID : 94891118145

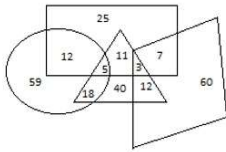
Option 3 ID : 94891118146

Option 4 ID : 94891118148

Status : Answered

Chosen Option : 3

- Q.37** 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, 5
 - ☐ 2. 59, 5
 - ☐ 3. 63, 23
 - ☐ 4. 59, 19

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

- Q.38** The sum of two numbers is 75 and the difference of their squares is 300. Find the difference between the two numbers.

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

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

- Q.39** The international airport of which Indian city is named after Dr. B. R. Ambedkar?

- Ans**
- ☒ 1. Nagpur
 - ☐ 2. Pune
 - ☐ 3. Hyderabad
 - ☐ 4. Ranchi

Question ID : 9489114540
 Option 1 ID : 94891118159
 Option 2 ID : 94891118157
 Option 3 ID : 94891118158
 Option 4 ID : 94891118160
 Status : Answered
 Chosen Option : 4

Q.40 Find the difference of the face values of 9 and 3 in 3,15,298.

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

Question ID : 9489113546
Option 1 ID : 94891114183
Option 2 ID : 94891114182
Option 3 ID : 94891114184
Option 4 ID : 94891114181
Status : Answered
Chosen Option : 2

Q.41 What is the full form of the abbreviation UPU which is related with United Nations?

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

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

Q.42 The product of two co-prime numbers is 119. Their LCM should be:

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

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

Q.43 If $\tan 3\theta \cdot \tan 6\theta = 1$, then the value of $\tan 3\theta$ is:

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

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

Status : Answered

Chosen Option : 3

Q.44 Which of these is not the member of UN Security Council as of October 2020?

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

Question ID : 9489114534
Option 1 ID : 94891118134
Option 2 ID : 94891118135
Option 3 ID : 94891118136
Option 4 ID : 94891118133

Status : Answered

Chosen Option : 4

Q.45 Which country will be hosting the 2022 FIFA world cup?

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

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

Status : Answered

Chosen Option : 4

Q.46 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. 45.25 m^2
 -  2. 43.25 m^2
 -  3. 42.25 m^2
 -  4. 44.25 m^2

Question ID : 9489113565

Option 1 ID : 94891114260

Option 2 ID : 94891114258





Option 3 ID : 94891114257

Option 4 ID : 94891114259

Status : Answered

Chosen Option : 2

Q.47 At what rate per cent of simple interest does a sum of money double itself in 12 years?

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

Question ID : 9489113558

Option 1 ID : 94891114232

Option 2 ID : 94891114229

Option 3 ID : 94891114230


Option 4 ID : 94891114231


Status : Answered


Chosen Option : 2


Q.48 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. $233\frac{2}{3}\%$ loss

 3. $233\frac{2}{3}\%$ gain

 4. $233\frac{1}{3}\%$ gain

Question ID : 9489113560

Option 1 ID : 94891114240

Option 2 ID : 94891114239

Option 3 ID : 94891114238


Option 4 ID : 94891114237

Status : Answered


Chosen Option : 4


Q.49 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. 28 days

 2. 20 days

 3. 30 days

 4. 26 days

Question ID : 9489113562

Option 1 ID : 94891114248

Option 2 ID : 94891114245

Option 3 ID : 94891114247

Option 4 ID : 94891114246

Status : Answered

Chosen Option : 3

Q.50 Find the missing number to complete the given analogy.

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

Ans

 1. 19

 2. 15

 3. 21

 4. 17

Question ID : 9489114779

Option 1 ID : 94891119115

Option 2 ID : 94891119113

Option 3 ID : 94891119116

Option 4 ID : 94891119114

Status : Answered

Chosen Option : 1

Q.51 Which of the following is the famous festival game of Kerala?

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

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

Q.52 SAGA-220 was developed by Indian Space Research Organization. What is SAGA-220?

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

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

Q.53 Which of the following is the highest peak of the Nilgiri hills?

- Ans
- ☐ 1. Armakonda
 - ☐ 2. Anamudi
 - ☐ 3. Kalsubai
 - ☒ 4. Doddabetta

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

Q.54 Find the smallest number that is exactly divisible by 7, 14, 28, 35 and 42.

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

Question ID : 9489113551

Option 1 ID : 94891114201

Option 2 ID : 94891114204

Option 3 ID : 94891114202

Option 4 ID : 94891114203

Status : Answered

Chosen Option : 4

Q.55 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. 20%
 - ☒ 2. 35%
 - ☒ 3. 25%
 - ☒ 4. 30%

Question ID : 9489113556

Option 1 ID : 94891114221

Option 2 ID : 94891114224

Option 3 ID : 94891114222

Option 4 ID : 94891114223

Status : Answered

Chosen Option : 1

Q.56 When respiration takes place even in the absence of oxygen, it is called _____ respiration.

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

Question ID : 9489114516

Option 1 ID : 94891118063

Option 2 ID : 94891118062

Option 3 ID : 94891118061

Option 4 ID : 94891118064

Status : Answered

Chosen Option : 2

Q.57 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. 11 m
 - ☒ 2. 7 m
 - ☒ 3. 8 m
 - ☒ 4. 9 m

Question ID : 9489113549

Option 1 ID : 94891114196

Option 2 ID : 94891114193

Option 3 ID : 94891114194

Option 4 ID : 94891114195

Status : Answered

Chosen Option : 3

Q.58 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. $\frac{395}{3744}$
 - ☒ 2. $\frac{385}{3744}$
 - ☒ 3. $\frac{365}{3744}$
 - ☒ 4. $\frac{375}{3744}$

Question ID : 9489113569

Option 1 ID : 94891114273

Option 2 ID : 94891114274

Option 3 ID : 94891114276

Option 4 ID : 94891114275

Status : Answered

Chosen Option : 1

Q.59 Sal and teak are the most important _____ trees.

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

Question ID : 9489114514

Option 1 ID : 94891118056

Option 2 ID : 94891118055

Option 3 ID : 94891118054

Option 4 ID : 94891118053

Status : Answered

Chosen Option : 4

Q.60 If $\frac{x}{5} = \frac{y}{6} = \frac{z}{11}$, then $\frac{x+y+z}{z}$ is equal to:

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

Question ID : 9489113550

Option 1 ID : 94891114200

Option 2 ID : 94891114197

Option 3 ID : 94891114199

Option 4 ID : 94891114198

Status : Answered

Chosen Option : 2

Q.61 The sum of the four consecutive even numbers is 484. What would the smallest number be?

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

Question ID : 9489113552

Option 1 ID : 94891114207

Option 2 ID : 94891114206

Option 3 ID : 94891114208

Option 4 ID : 94891114205

Status : Answered

Chosen Option : 4

Q.62 National Song 'Vande Mataram', written by Bankim Chandra Chattopadhyay, is a part of which of these novels?

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

Question ID : 9489114505

Option 1 ID : 94891118017

Option 2 ID : 94891118019

Option 3 ID : 94891118020

Option 4 ID : 94891118018

Status : Answered

Chosen Option : 1

Q.63 The value of $3 + 12 + 27 + \dots + 3n^2$ is:

Ans

☒ 1. $\frac{n(n+1)}{2}$

☒ 2. $\frac{n(n+1)(2n+1)}{3}$

☒ 3. $\frac{n(n+1)(2n+1)}{2}$

☒ 4. $\frac{n(n+1)(2n+1)}{6}$

Question ID : 9489113566

Option 1 ID : 94891114263

Option 2 ID : 94891114261

Option 3 ID : 94891114262

Option 4 ID : 94891114264

Status : Answered

Chosen Option : 3

Q.64 The population of a town increases 10% annually. If its present population is 6,400, what will the population in 2 years be?

Ans

☒ 1. 7,746

☒ 2. 7,742

☒ 3. 7,744

☒ 4. 7,740

Question ID : 9489113559

Option 1 ID : 94891114236

Option 2 ID : 94891114234

Option 3 ID : 94891114235

Option 4 ID : 94891114233

Status : Answered

Chosen Option : 3

Q.65 The technology that provides high internet speed over telephone wiring is called:

Ans

☒ 1. ADLS

☒ 2. ASLD

☒ 3. ADSL

☒ 4. ALSD

Question ID : 9489114532

Option 1 ID : 94891118125

Option 2 ID : 94891118126

Option 3 ID : 94891118128

Option 4 ID : 94891118127

Status : Not Answered

Chosen Option : --

Q.66 Which is the tallest Victory tower in India?

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

Question ID : 9489114508

Option 1 ID : 94891118029

Option 2 ID : 94891118030

Option 3 ID : 94891118031

Option 4 ID : 94891118032

Status : Answered

Chosen Option : 2

Q.67 In the year 1937, the Congress session was held for the first time in a village at:

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

Question ID : 9489114520

Option 1 ID : 94891118079

Option 2 ID : 94891118080

Option 3 ID : 94891118077

Option 4 ID : 94891118078

Status : Answered

Chosen Option : 1

Q.68 Identify the number from among the given options that DOES NOT belong to the following series.

17, 23, 30, 38, 46, 57

- Ans ☒ 1. 23
☒ 2. 46
☒ 3. 57
☒ 4. 30

Question ID : 9489114783

Option 1 ID : 94891119132

Option 2 ID : 94891119129

Option 3 ID : 94891119130

Option 4 ID : 94891119131

Status : Answered

Chosen Option : 2

Q.69 During the Quit India Movement, Aruna Asaf Ali hoisted the National Congress Flag in:

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

Question ID : 9489114519

Option 1 ID : 94891118074

Option 2 ID : 94891118075

Option 3 ID : 94891118076

Option 4 ID : 94891118073

Status : Answered

Chosen Option : 3

Q.70 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. Volleyball
 - ☒ 2. Cricket
 - ☐ 3. Football
 - ☐ 4. Badminton

Question ID : 9489114781

Option 1 ID : 94891119122

Option 2 ID : 94891119123

Option 3 ID : 94891119121

Option 4 ID : 94891119124

Status : Answered

Chosen Option : 2

Q.71 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. 200
 - ☐ 3. 150
 - ☐ 4. 100

Question ID : 9489113553

Option 1 ID : 94891114212

Option 2 ID : 94891114211

Option 3 ID : 94891114210

Option 4 ID : 94891114209

Status : Answered

Chosen Option : 2

Q.72 A/An _____ is an interface between the user and hardware.

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

Question ID : 9489114542

Option 1 ID : 94891118165

Option 2 ID : 94891118167

Option 3 ID : 94891118166

Option 4 ID : 94891118168

Status : Answered

Chosen Option : 2

Q.73 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. $\frac{3}{2}$
 - ☒ 2. $\frac{1}{2}$
 - ☐ 3. $\left(\frac{2x+1}{2x}\right)$
 - ☐ 4. $\left(\frac{x-1}{2x}\right)$

Question ID : 9489113567

Option 1 ID : 94891114268

Option 2 ID : 94891114267

Option 3 ID : 94891114266

Option 4 ID : 94891114265

Status : Answered

Chosen Option : 3

Q.74 The ratio of the radii of two circles is 1 : 4. The ratio of their areas is:

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

Question ID : 9489113564

Option 1 ID : 94891114253

Option 2 ID : 94891114256

Option 3 ID : 94891114254

Option 4 ID : 94891114255

Status : Answered

Chosen Option : 3

Q.75 Which of the following is NOT an environmental concern?

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

Question ID : 9489114535

Option 1 ID : 94891118140

Option 2 ID : 94891118138

Option 3 ID : 94891118139

Option 4 ID : 94891118137

Status : Answered

Chosen Option : 4

Q.76 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. 0
 - ☒ 2. $\frac{1}{3}$
 - ☒ 3. 1
 - ☒ 4. $\frac{1}{9}$

Question ID : 9489113570

Option 1 ID : 94891114279

Option 2 ID : 94891114277

Option 3 ID : 94891114280

Option 4 ID : 94891114278

Status : Answered

Chosen Option : 3

Q.77 Which of the following musical instruments is not Indo-Islamic in origin?

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

Question ID : 9489114509

Option 1 ID : 94891118036

Option 2 ID : 94891118034

Option 3 ID : 94891118035

Option 4 ID : 94891118033

Status : Answered

Chosen Option : 4

Q.78 What is the mineral name of rock salt?

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

Question ID : 9489114513

Option 1 ID : 94891118052

Option 2 ID : 94891118050

Option 3 ID : 94891118049

Option 4 ID : 94891118051

Status : Answered

Chosen Option : 2

Q.79 Select the letter-cluster that does NOT belong to the given series.

CDE, FGH, IJK, LNM

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

Question ID : 9489114793

Option 1 ID : 94891119170

Option 2 ID : 94891119169

Option 3 ID : 94891119172

Option 4 ID : 94891119171

Status : Answered

Chosen Option : 3

Q.80 CSIR stands for:

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

Question ID : 9489114531

Option 1 ID : 94891118122

Option 2 ID : 94891118123

Option 3 ID : 94891118121

Option 4 ID : 94891118124

Status : Answered

Chosen Option : 2

Q.81 Find the place value of 7 in 71,624.

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

Question ID : 9489113545

Option 1 ID : 94891114179

Option 2 ID : 94891114177

Option 3 ID : 94891114178

Option 4 ID : 94891114180

Status : Answered

Chosen Option : 1

Q.82 A species that cannot be found after a prolonged search in its area of habitation is said to be ____ species.

- Ans ☐ 1. endangered
☐ 2. rare
☒ 3. extinct
☐ 4. vulnerable

Question ID : 9489114515

Option 1 ID : 94891118057

Option 2 ID : 94891118059

Option 3 ID : 94891118060

Option 4 ID : 94891118058

Status : Answered

Chosen Option : 3

Q.83 Parenchyma and collenchyma are the types of ____ tissues.

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

Question ID : 9489114512

Option 1 ID : 94891118046

Option 2 ID : 94891118048

Option 3 ID : 94891118047

Option 4 ID : 94891118045

Status : Answered

Chosen Option : 1

Q.84 By selling a vehicle for ₹52,500, Ram suffers a 25% loss. What was his loss?

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

Question ID : 9489113557

Option 1 ID : 94891114226

Option 2 ID : 94891114225

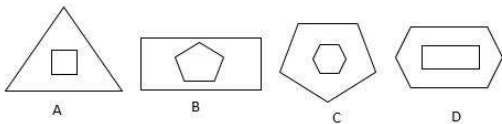
Option 3 ID : 94891114228

Option 4 ID : 94891114227

Status : Answered

Chosen Option : 4

Q.85 Among the four figures listed, three of them follow a common rule and one does not. Select the odd one.



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

Question ID : 9489114799

Option 1 ID : 94891119195

Option 2 ID : 94891119194

Option 3 ID : 94891119196

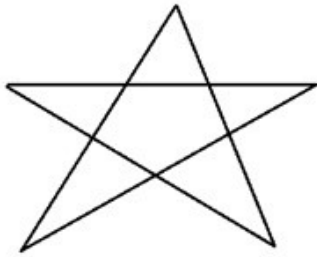
Option 4 ID : 94891119193

Status : Answered

Chosen Option : 4

Q.86

Find the number of the triangles in the given figure.



Ans

- ☒ 1. 8
- ☒ 2. 5
- ☒ 3. 6
- ☒ 4. 10

Question ID : 9489114789

Option 1 ID : 94891119155

Option 2 ID : 94891119154

Option 3 ID : 94891119156

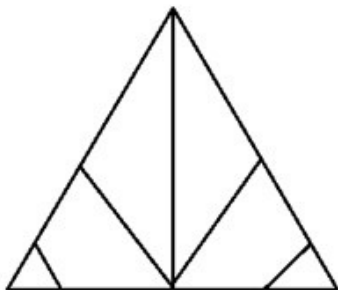
Option 4 ID : 94891119153

Status : Answered

Chosen Option : 1

Q.87

How many pentagons are there in the given figure?



Ans

- ☒ 1. 3
- ☒ 2. 4
- ☒ 3. 1
- ☒ 4. 2

Question ID : 9489114790

Option 1 ID : 94891119159

Option 2 ID : 94891119157

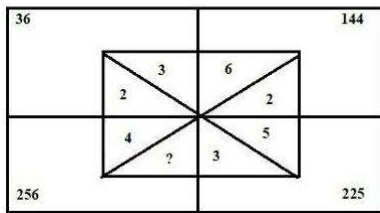
Option 3 ID : 94891119160

Option 4 ID : 94891119158

Status : Answered

Chosen Option : 4

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



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

Question ID : 9489114791

Option 1 ID : 94891119161

Option 2 ID : 94891119162

Option 3 ID : 94891119164

Option 4 ID : 94891119163

Status : Answered

Chosen Option : 2

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. #
 - ☒ 3. @
 - ☒ 4. D

Question ID : 9489114792

Option 1 ID : 94891119168

Option 2 ID : 94891119165

Option 3 ID : 94891119167

Option 4 ID : 94891119166

Status : Answered

Chosen Option : 4

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

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

Question ID : 9489114794

Option 1 ID : 94891119176

Option 2 ID : 94891119173

Option 3 ID : 94891119175

Option 4 ID : 94891119174

Status : Answered

Chosen Option : 3

Q.91 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. 59

☒ 2. 58

☒ 3. 16

☒ 4. 15

Question ID : 9489114787

Option 1 ID : 94891119147

Option 2 ID : 94891119146

Option 3 ID : 94891119148

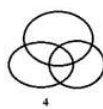
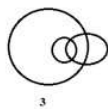
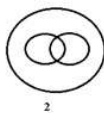
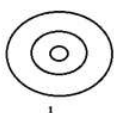
Option 4 ID : 94891119145

Status : Answered

Chosen Option : 1

Q.92 Select the Venn diagram that best represents the relationship between the following classes.

Players, Humans, Students



Ans ☒ 1. 4

☒ 2. 3

☒ 3. 1

☒ 4. 2

Question ID : 9489114796

Option 1 ID : 94891119184

Option 2 ID : 94891119183

Option 3 ID : 94891119181

Option 4 ID : 94891119182

Status : Answered

Chosen Option : 4

Q.93 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. 56
 - ☒ 2. 51
 - ☒ 3. 50
 - ☒ 4. 55

Question ID : 9489114785

Option 1 ID : 94891119140

Option 2 ID : 94891119138

Option 3 ID : 94891119137

Option 4 ID : 94891119139

Status : Answered

Chosen Option : 2

Q.94 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. Night
 - ☒ 2. Weather
 - ☒ 3. Rain
 - ☒ 4. Moisture

Question ID : 9489114778

Option 1 ID : 94891119111

Option 2 ID : 94891119109

Option 3 ID : 94891119110

Option 4 ID : 94891119112

Status : Answered

Chosen Option : 4

Q.95 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. ETAK
 - ☒ 2. KETA
 - ☒ 3. KATE
 - ☒ 4. TAKE

Question ID : 9489114802

Option 1 ID : 94891119205

Option 2 ID : 94891119208

Option 3 ID : 94891119206

Option 4 ID : 94891119207

Status : Answered

Chosen Option : 4

Q.96 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. No girl student failed in the examination.
 - ☐ 2. Some of the boys failed 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 : **94891119127**
Option 2 ID : **94891119125**
Option 3 ID : **94891119128**
Option 4 ID : **94891119126**

Status : **Answered**
Chosen Option : 1

Q.97 If BED is coded as 42516, then DIG will be coded as:

- Ans**
- ☐ 1. 1625363
 - ☐ 2. 253681
 - ☒ 3. 168149
 - ☐ 4. 161894

Question ID : **9489114780**
Option 1 ID : **94891119120**
Option 2 ID : **94891119117**
Option 3 ID : **94891119118**
Option 4 ID : **94891119119**

Status : **Answered**
Chosen Option : 3

Q.98 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.

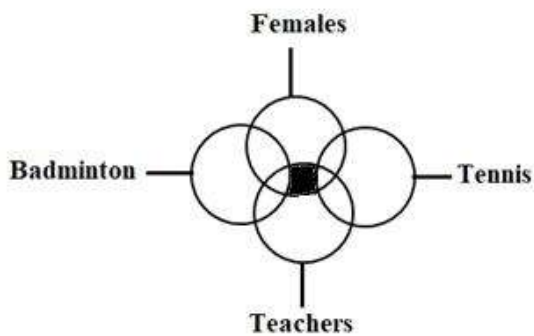
21 : 2 :: 85 : 40 :: 30 : ?

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

Question ID : **9489114774**
Option 1 ID : **94891119094**
Option 2 ID : **94891119096**
Option 3 ID : **94891119095**
Option 4 ID : **94891119093**

Status : **Answered**
Chosen Option : 3

Q.99 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 female teachers who are badminton players

☒ 3.

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

☒ 4.

A group of teachers who are both tennis and badminton players

Question ID : 9489114797

Option 1 ID : 94891119186

Option 2 ID : 94891119187

Option 3 ID : 94891119188

Option 4 ID : 94891119185

Status : Answered

Chosen Option : 1

Q.100 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. 59

☒ 2. 69

☒ 3. 19

☒ 4. 29

Question ID : 9489114786

Option 1 ID : 94891119143

Option 2 ID : 94891119142

Option 3 ID : 94891119144

Option 4 ID : 94891119141

Status : Answered

Chosen Option : 3