

# रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



Participant ID	
Participant Name	
Test Center Name	
Test Date	02/03/2021
Test Time	10:30 AM - 12:00 PM
Subject	NTPC

<sup>\*</sup> 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** The compound interest on a sum of money at 5% per annum for 3 years is ₹6,305/-. Find the simple interest (in ₹) for the same sum at the same rate of interest for the same number of years.

Ans

1. 6,000/-

× 2. 4,000/-

X 3. 3,600/-

X 4. 5,000/-

Question ID: 9489118260 Option 1 ID: 94891133038 Option 2 ID: 94891133039 Option 3 ID: 94891133037 Option 4 ID: 94891133040

Status: Answered

Chosen Option :  ${\bf 1}$ 

$$\frac{3}{9}$$
,  $\frac{8}{14}$ ,  $\frac{5}{8}$ ,  $\frac{4}{9}$ 

Ans

× 1. 
$$\frac{8}{14}$$

$$\times$$
 2.  $\frac{5}{8}$ 

$$\times$$
 3.  $\frac{4}{9}$ 

**√** 4. 
$$\frac{3}{6}$$

Question ID: 9489118249

Option 1 ID: 94891132994 Option 2 ID: 94891132995 Option 3 ID: 94891132996 Option 4 ID: 94891132993

Status : **Answered** Chosen Option : **4** 

Q.3 The value of

 $sin45^{\circ}sec45^{\circ}tan45^{\circ} + cos60^{\circ}sin30^{\circ}sin90^{\circ} - 4cos60^{\circ}$  is:

Ans

$$\times$$
 1.  $\frac{-5}{4}$ 

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

**√** 3. 
$$\frac{-3}{4}$$

$$\times$$
 4.  $\frac{3}{4}$ 

Question ID: 9489118271

Option 1 ID: 94891133083

Option 2 ID: 94891133081

Option 3 ID: 94891133084

Option 4 ID : **94891133082** Status : **Answered** 

Q.4 Select the option that is related to the third term in the same way as the second term is related to the first term.

Metal: Silver:: Wood:?

Ans 1. Stool

X 2. ChairX 3. Table✓ 4. Teak

X 4. London

Ans

Question ID: 9489117775
Option 1 ID: 94891131097
Option 2 ID: 94891131100
Option 3 ID: 94891131099
Option 4 ID: 94891131098
Status: Answered
Chosen Option: 4

Q.5 The 2024 Summer Olympics are set to be held in the city of:

Ans 1. Paris
2. Rio
3. Tokyo

Question ID : 9489118304
Option 1 ID : 94891133215
Option 2 ID : 94891133213
Option 3 ID : 94891133214
Option 4 ID : 94891133216
Status : Answered
Chosen Option : 4

Q.6 Which of the following is India's first hydroelectric plant?

➤ 2. Tehri Pumped Storage Hydroelectric Power Plant

X 3. Sardar Sarovar Dam

X 4. Karcham Wangtoo Hydroelectric Plant

√ 1. Sidrapong Hydroelectric Power Station

Question ID: 9489118331 Option 1 ID: 94891133324 Option 2 ID: 94891133323 Option 3 ID: 94891133322 Option 4 ID: 94891133321 Status: Not Answered

Q.7 Institute of Road Traffic Education (IRTE) is located at \_\_\_\_\_ in India. Ans X 1. Gurugram X 2. Ghaziabad √ 3. Faridabad X 4. New Delhi Question ID: 9489118306 Option 1 ID: 94891133222 Option 2 ID: 94891133224 Option 3 ID: 94891133223 Option 4 ID: 94891133221 Status: Not Answered Chosen Option: --Q.8 In which year was the Simon Commission, a group of seven British Members of Parliament, appointed by the British government? Ans 1. 1927 X 2. 1925 X 3. 1937 X 4. 1919 Question ID: 9489118319 Option 1 ID: 94891133273 Option 2 ID: 94891133275 Option 3 ID: 94891133274 Option 4 ID: 94891133276 Status: Not Answered Chosen Option: --As per Company Law 2013, the corporate disputes are handled by the: Ans X 1. Lower Court X 2. High Court X 3. State Court ✓ 4. NCLT Question ID: 9489118340 Option 1 ID: 94891133358 Option 2 ID: 94891133359 Option 3 ID: 94891133360 Option 4 ID: 94891133357 Status: Answered Chosen Option: 4

Ans 1. Madhya Pradesh √ 2. Karnataka X 3. Tamil Nadu X 4. Uttar Pradesh Question ID: 9489118309 Option 1 ID: 94891133233 Option 2 ID: 94891133235 Option 3 ID: 94891133236 Option 4 ID: 94891133234 Status: Not Answered Chosen Option: --Q.11 'Hydroponics' refers to the kind of farming in which: 1 farming is done using machines 2. crops are planted on large estates plants are grown in mineral nutrient solutions and without soil **X** 4. cultivation of crops and rearing of animals are done together Ouestion ID: 9489118325 Option 1 ID: 94891133299 Option 2 ID: 94891133300 Option 3 ID: 94891133298 Option 4 ID: 94891133297 Status: Not Answered Chosen Option: --Q.12 Which of the following statements is correct? Ans Sucheta Kriplani was the first female Chief Minister of an Indian State. Sucheta Kriplani was the first female Vice-President of India. 3. Sucheta Kriplani was the first female President of India. **X** 4. Sucheta Kriplani was the first female Prime Minister of India. Question ID: 9489118328 Option 1 ID: 94891133309

> Option 2 ID : 94891133311 Option 3 ID : 94891133310 Option 4 ID : 94891133312 Status : Answered

Chosen Option: 1

Q.10 In which of the following Indian states is the Central Institute of Indian Languages (CIIL) situated?

Q.13 Which of the following is NOT a database software used on computers? Ans X 1. FoxPro ✓ 2. MS Word X 3. MS Access X 4. Oracle Question ID: 9489118338 Option 1 ID: 94891133350 Option 2 ID: 94891133352 Option 3 ID: 94891133349 Option 4 ID: 94891133351 Status: Answered Chosen Option :  $\boldsymbol{2}$ If an amount gets tripled in  $12\frac{1}{2}$  years, the rate of simple interest is: X 1 12% √ 2. 16% X 3. 10% × 4. 8% Question ID: 9489118258 Option 1 ID: 94891133030 Option 2 ID: 94891133031 Option 3 ID: 94891133032 Option 4 ID: 94891133029 Status: Not Answered Chosen Option: --Q.15 In which year was the third battle of Panipat fought? Ans **1.** 1761 × 2. 1764 X 3. 1576 X 4. 1756 Question ID: 9489118317 Option 1 ID: 94891133266 Option 2 ID: 94891133265 Option 3 ID: 94891133268 Option 4 ID: 94891133267 Status: Not Answered Chosen Option: --

Q.16 P and Q can reap a field in 9 days, Q and R can reap it in 12 days and P and R in 18 days. Find how many days will they take to reap the field if all three work together? Ans X 1. 4 days × 2. 39 days X 3. 19.5 days Question ID: 9489118261 Option 1 ID: 94891133044 Option 2 ID: 94891133041 Option 3 ID: 94891133042 Option 4 ID: 94891133043 Status: Answered Chosen Option: 1 Q.17 is a mechanism used by the Government of India to contact citizens across India electronically via emails, outbound dialing and SMS messages. Ans ★ 1 eMSIPS × 2. eGreetings X 3. eOffice √ 4. e-Sampark Question ID: 9489118339 Option 1 ID: 94891133356 Option 2 ID: 94891133353 Option 3 ID: 94891133354 Option 4 ID: 94891133355 Status: Answered

Q.18 Swaraj Party was established to demand for greater freedom for Indian people. When was Swaraj Party formed at Gaya?

Ans

X 1. 1928

X 2. 1920

X 3. 1927

4. 1923

Question ID: 9489118320 Option 1 ID: 94891133279 Option 2 ID: 94891133277 Option 3 ID: 94891133278 Option 4 ID: 94891133280 Status: Not Answered

Chosen Option : --

Chosen Option :  $\boldsymbol{2}$ 

Q.19 Which of the following is NOT a greenhouse gas?

- Ans X 1. Methane
  - X 2. Carbon dioxide
  - √ 3. Oxygen

Question ID: 9489118314 Option 1 ID: 94891133255

Option 2 ID: 94891133254 Option 3 ID: 94891133256 Option 4 ID: 94891133253 Status: Answered

Chosen Option: 3

Q.20 The compound interest (in  $\stackrel{?}{=}$ ) for  $\stackrel{?}{=}10,000$  at 10% per annum in 3 years is:

Ans

- X 1. 3130
- X 2. 1333
- **3.** 3310
- X 4. 3003

Question ID: 9489118256

Option 1 ID: 94891133022

Option 2 ID: 94891133023

Option 3 ID: 94891133021 Option 4 ID: 94891133024

Status: Answered

Chosen Option: 3

Q.21 Find the positive value of the following square root

$$\sqrt{56 + \sqrt{56 + \sqrt{56 + \cdots}}} = ?$$

- Ans X 1. 4
  - **2**. 8
  - X 3. 12
  - X 4. 56

Question ID : 9489118253

Option 1 ID: 94891133011

Option 2 ID: 94891133009

Option 3 ID: 94891133012 Option 4 ID: 94891133010

Status: Not Answered

**Q.22** In a college, there are 3600 students, out of which 82% are football players, 7% are kabaddi players, 4% are chess players and the remaining are cricket players. The number of cricket players is:

Ans

- X 1. 152
- X 2. 136
- **3**. 252
- X 4. 126

Question ID: 9489118257 Option 1 ID: 94891133027 Option 2 ID: 94891133026 Option 3 ID: 94891133028

Option 4 ID : **94891133025** Status : **Answered** 

Chosen Option: 3

Q.23 How long will it take a sum of money invested at 10% per annum at simple interest to increase its value by 40%?

Ans

- X 1. 6 years
- × 2. 9 years
- X 4. 8 years

Question ID: 9489118255

Option 1 ID: 94891133017

Option 2 ID: 94891133020

Option 3 ID: 94891133018

Option 4 ID : **94891133019**Status : **Answered** 

Chosen Option: 3

Q.24 If ab = 10 and  $a^2 + b^2 = 29$ , then  $(a - b)^2 = ?$ 

Ans

- **1**. 9
- X 2. 3
- X 3. 19
- X 4. 39

Question ID: 9489118244

Option 1 ID: 94891132975

Option 2 ID: 94891132973

Option 3 ID: 94891132974

Option 4 ID: 94891132976

Status: Answered

Q.25 The difference between the place values of 2 and 3 in the number 128935 is: Ans X 1. 30 X 2. 300 X 3. 20000 4. 19970 Question ID: 9489118248 Option 1 ID: 94891132991 Option 2 ID: 94891132990 Option 3 ID: 94891132989 Option 4 ID: 94891132992 Status: Answered Chosen Option: 4 Q.26 In which country will the Chiapas plateau be found? √ 1. Mexico X 2. Turkey X 3. China X 4. Germany Question ID: 9489118323 Option 1 ID: 94891133291 Option 2 ID: 94891133290 Option 3 ID: 94891133289 Option 4 ID: 94891133292 Status: Not Answered Chosen Option: --Q.27 If the radius and height of a cylinder are 25 cm and 42 cm respectively, then its lateral surface area is: Ans X 1. 1960 cm<sup>2</sup> × 2. 660 cm<sup>2</sup> ✓ 3. 6600 cm<sup>2</sup> X 4. 6000 cm<sup>2</sup> Question ID: 9489118264 Option 1 ID: 94891133056 Option 2 ID: 94891133053 Option 3 ID: 94891133055 Option 4 ID: 94891133054 Status: Answered Chosen Option: 3

Q.28 The students in three classes are in the ratio 2:3:5. If 30 students are increased in each class, the ratio changes to 4:5:7. The total number of students after the increase is:
Ans
1. 150

**2.** 240

X 3. 180

X 4. 210

Question ID: 9489118254
Option 1 ID: 94891133013
Option 2 ID: 94891133016
Option 3 ID: 94891133014
Option 4 ID: 94891133015
Status: Answered

Chosen Option :  $\boldsymbol{2}$ 

Q.29 Which country is known as 'Hermit Kingdom'?

Ans 1. North Korea

🗙 2. Japan

X 3. Thailand

X 4. Australia

Question ID: 9489118326 Option 1 ID: 94891133301 Option 2 ID: 94891133302 Option 3 ID: 94891133303 Option 4 ID: 94891133304 Status: Not Answered

Chosen Option: --

Q.30 Which reform movement took place during the term of Lord William Bentinck in the year 1829?

Ans X 1. Widow remarriage

X 2. Morley Minto Reforms

√ 3. Prohibition of Sati

X 4. Doctrine of lapse

Question ID: 9489118318 Option 1 ID: 94891133269 Option 2 ID: 94891133272 Option 3 ID: 94891133271 Option 4 ID: 94891133270 Status: Not Answered

Chosen Option : --

Q.31 Which of the following equipment is used to transform chemical energy into electrical energy?
 Ans 1. Electric motor
 2. Battery

X 3. Candle

X 4. Photo cell

Question ID: 9489118311 Option 1 ID: 94891133243 Option 2 ID: 94891133241 Option 3 ID: 94891133242 Option 4 ID: 94891133244 Status: Answered

Chosen Option : 2

Q.32 Read the given statements and conclusions 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 given conclusions logically follow(s) from the statements.

#### Statements:

Some men are elephants.

Some elephants are tigers.

#### Conclusions:

- 1. Some elephants are men.
- 2. Some tigers are elephants.

Ans

- ✓ 1. Both conclusions 1 and 2 follow.
- Neither conclusion 1 nor 2 follows.
- 3. Only conclusion 1 follows.
- 4. Only conclusion 2 follows.

Question ID: 9489117780
Option 1 ID: 94891131120
Option 2 ID: 94891131119
Option 3 ID: 94891131117
Option 4 ID: 94891131118
Status: Answered

Chosen Option : 1

**Q.33** Two positive numbers are in the ratio 5: 4 and the product of their LCM and HCF is 18000. Find the sum of the two numbers.

Ans

**1**. 270

X 2. 180

X 3. 150

X 4. 900

Question ID: **9489118246** Option 1 ID: **94891132983** Option 2 ID: **94891132984** 

Option 3 ID : **94891132981** Option 4 ID : **94891132982** 

Status : Answered

Q.34 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

### Statement:

Despite sufficient availability of books in the libraries of educational institutions, majority of students studying in urban area's educational institutions have started using mobile phones or other electronic equipment as the main resource for seeking on/offline study material; as a consequence, there is severe decline in the use of books as study material.

#### Conclusions:

- 1) Methods of book reading should be devised.
- 2) A study should be conducted to know about the status of book reading.

Ans

- 1. Either conclusion 1 or 2 follows.
- ✓ 2. Neither conclusion 1 nor 2 follows.
- X 3. Only conclusion 1 follows.
- 4. Only conclusion 2 follows.

Question ID: 9489117782
Option 1 ID: 94891131127
Option 2 ID: 94891131128
Option 3 ID: 94891131125
Option 4 ID: 94891131126
Status: Answered

Chosen Option : 4

Q.35 If  $\theta$  is an acute angle and  $\sin\theta = \cos\theta$ , then  $2\cot^2\theta + \sin^2\theta - 1 = ?$ 

Ans

- X 2. 1
- X 3. 0
- **X** 4. −1

Question ID: 9489118270

Option 1 ID: **94891133080** Option 2 ID: **94891133078** 

Option 3 ID : **94891133077**Option 4 ID : **94891133079** 

Status: Not Answered

Chosen Option : --

Q.36 The total surface area of a cube of side measuring 2 m is:

Ans

- X 1. 20 m<sup>2</sup>
- $\times$  2. 25 m<sup>2</sup>
- $\times$  3. 30 m<sup>2</sup>
- ✓ 4. 24 m<sup>2</sup>

Question ID: 9489118265

Option 1 ID: 94891133057

Option 2 ID: 94891133059

Option 3 ID : 94891133060

Option 4 ID : **94891133058** Status : **Answered** 

Q.37 In which state is Pokhran, the site of India's first nuclear explosion, located?

- X 1. Odisha
- X 2. Andhra Pradesh
- X 3. Punjab
- 4. Rajasthan

Question ID: 9489118332 Option 1 ID: 94891133325 Option 2 ID: 94891133326 Option 3 ID: 94891133327 Option 4 ID: 94891133328 Status: Answered

Chosen Option: 4

Q.38 Visible Radiation was discovered by:

- X 1. Henri Becquerel
- X 2. Guglielmo Marconi
- ✓ 3. Isaac Newton
- X 4. Wilhelm Rontgen

Question ID: 9489118312 Option 1 ID: 94891133248 Option 2 ID: 94891133247 Option 3 ID: 94891133246 Option 4 ID: 94891133245 Status: Not Answered

Chosen Option: --

Q.39 The median of 151, 153, 158, 165, 150, 140, 170, 153, 158 and 151 is:

- Ans X 1. 165
  - X 2. 151
  - **3**. 153
  - X 4. 140

Question ID: 9489118269

Option 1 ID: 94891133073

Option 2 ID: 94891133076

Option 3 ID: 94891133075 Option 4 ID: 94891133074

Status: Answered

Chosen Option :  ${\bf 3}$ 

Question ID: 9489118313
Option 1 ID: 94891133251
Option 2 ID: 94891133250
Option 3 ID: 94891133252
Option 4 ID: 94891133249
Status: Answered

Chosen Option : 3

Q.41 In a ranking list in which only one person is holding a specific rank, Jatin's rank is 15<sup>th</sup> in a list of 40 football players. If there are only 8 players below Manoj in the list, then how many football players are there between Jatin and Manoj?

Ans X 1. 17

X 2. 15

√ 3. Neurons

X 4. Nasopalatine

**3**. 16

X 4. 14

Question ID: 9489117801 Option 1 ID: 94891131203 Option 2 ID: 94891131204 Option 3 ID: 94891131201 Option 4 ID: 94891131202 Status: Answered

Chosen Option: 3

Q.42 What is the name of the parliament of Denmark?

Ans X 1. The National Diet

X 2. Parliament

√ 3. Folketing

X 4. Stortinget

Question ID: 9489118335 Option 1 ID: 94891133339 Option 2 ID: 94891133337 Option 3 ID: 94891133338 Option 4 ID: 94891133340 Status: Not Answered

Chosen Option : --

**1.** 320 X 2. 400 X 3. 256 X 4. 140 Question ID: 9489118252 Option 1 ID: 94891133007 Option 2 ID: 94891133005 Option 3 ID: 94891133006 Option 4 ID: 94891133008 Status: Answered Chosen Option: 1 Q.44 The LCM and HCF of two numbers are 4700 and 2 respectively. If one of the given number is 100, then the other number is: X 1. 47 X 2. 2 X 3. 98 **4**. 94 Question ID: 9489118247 Option 1 ID: 94891132985 Option 2 ID: 94891132988 Option 3 ID: 94891132986 Option 4 ID: 94891132987 Status: Answered Chosen Option: 4 Q.45 The value of 'g' (gravity) varies from the value of 'R' (radius). A student would observe minimum 'g' at the: 1. Equator X 2. Tropic of Cancer X 3. Tropic of Capricorn X 4. Poles Question ID: 9489118316 Option 1 ID: 94891133264 Option 2 ID: 94891133261 Option 3 ID: 94891133262 Option 4 ID: 94891133263 Status: Answered Chosen Option: 4

Q.43 Two positive numbers are in the ratio 7:9 and the product of their LCM and HCF is 25200. The sum of the numbers is:

Ans

Q.46 A gardener wants to plant trees in a garden in rows. If the number of trees in each row is the same, and there are 105 or 210 or 420 rows, then no tree will be left. Find the least number of trees that can be planted.
 Ans 1. 315

**2**. **420** 

X 3. 210

X 4. 105

Question ID: 9489118250 Option 1 ID: 94891132998 Option 2 ID: 94891132999 Option 3 ID: 94891132997 Option 4 ID: 94891133000 Status: Answered

Chosen Option : 2

# Q.47 What was India's ranking in the Global Hunger Index in 2020?

Ans 🗸 1. 94

X 2. 97

X 3. 110

X 4. 111

Question ID: 9489118341 Option 1 ID: 94891133362 Option 2 ID: 94891133361 Option 3 ID: 94891133363 Option 4 ID: 94891133364 Status: Not Answered

Chosen Option: --

Q.48 Read the given statement and conclusions carefully. Assuming that the information given in the statement is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement.

# Statement:

The old leaves are replaced by new leaves.

# Conclusions:

- 1. There can be no new leaves without old leaves.
- 2. Old leaves are useless.

Ans

- ★ 1. Only conclusion 2 follows.
- ✓ 2. Neither conclusion 1 nor 2 follows.
- X 3. Both conclusions 1 and 2 follow.
- 4. Only conclusion 1 follows.

Question ID: 9489117783
Option 1 ID: 94891131130
Option 2 ID: 94891131131

Option 3 ID : **94891131132** Option 4 ID : **94891131129** 

Status : Answered

Q.49 Brahmaputra is one of the major rivers that flows across countries having many tributaries. Which of the following tributaries is NOT a part of Brahmaputra?
 Ans

ns X 1. Dibang River

X 2. Subansiri River

X 3. Teesta River

4. Tamsa River

Question ID: 9489118322
Option 1 ID: 94891133287
Option 2 ID: 94891133286
Option 3 ID: 94891133288
Option 4 ID: 94891133285
Status: Not Answered

Chosen Option: --

Q.50 The Paris Agreement opened for signatures on Earth Day on \_\_\_\_\_ at the UN headquarters in New York.

Ans

X 1. 22<sup>nd</sup> April 2018

√ 2. 22<sup>nd</sup> April 2016

X 3. 22<sup>nd</sup> April 2014

X 4. 22<sup>nd</sup> April 2012

Question ID: 9489118334
Option 1 ID: 94891133336
Option 2 ID: 94891133333
Option 3 ID: 94891133334
Option 4 ID: 94891133335
Status: Not Answered

Chosen Option: --

Q.51 If 'Hockey' is known as 'Table', 'Basketball' is known as 'Bed', 'Badminton' is known as 'Stool' and 'Cricket' is known as 'Desk', then which game is played with a net between two players or teams?

Ans

√ 1. Stool

X 2. Desk

X 3. Bed

X 4. Table

Question ID: 9489117802 Option 1 ID: 94891131207 Option 2 ID: 94891131208 Option 3 ID: 94891131205 Option 4 ID: 94891131206

Status : Answered

 $^{Q.52}$   $\sin 25^{\circ} \cos 35^{\circ} + \cos 25^{\circ} \sin 35^{\circ} = ?$ 

Ans



**X** 2. 1

imes 3.  $\frac{1}{\sqrt{2}}$ 

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

Question ID: 9489118268

Option 1 ID: 94891133070 Option 2 ID: 94891133071 Option 3 ID: 94891133072 Option 4 ID: 94891133069

Status : **Answered** Chosen Option : **1** 

Q.53 The \_\_\_\_\_\_ Revolution was the sudden increase in the production of edible oil due to plantation of hybrid oil seeds.

Ans

X 1. Golden

X 2. Brown

√ 3. Yellow

X 4. Black

Question ID: 9489118324

Option 1 ID: 94891133295

Option 2 ID: **94891133294** Option 3 ID: **94891133296** 

Option 4 ID: 94891133293 Status: Answered

Chosen Option: 1

Q.54 Vira Narsimha was the ruler of which of the following dynasties in ancient India?

Anc

🔀 1. Sangama

X 2. Aravidu

√ 3. Tuluva

X 4. Saluva

Question ID: 9489118321

Option 1 ID: 94891133284

Option 2 ID: 94891133283

Option 3 ID: 94891133282

Option 4 ID: 94891133281 Status: Not Answered

Q.55 Which of the following articles of the Constitution of India lays down that the State shall take steps to organise village panchayats?
Ans 1. Article 42
2. Article 41
3. Article 40

Question ID: 9489118327
Option 1 ID: 94891133307
Option 2 ID: 94891133306
Option 3 ID: 94891133305
Option 4 ID: 94891133308
Status: Answered

Chosen Option : 1

**Q.56** Which constitutional amendment act in 1987 made Goa a full-fledged state with a state assembly and formed Daman and Diu as a Union Territory?

Ans

X 1. 55th

X 4. Article 43

X 2. 57th

✓ 3. 56th

X 4. 52nd

Question ID: 9489118329
Option 1 ID: 94891133316
Option 2 ID: 94891133314
Option 3 ID: 94891133313
Option 4 ID: 94891133315
Status: Not Answered

Chosen Option: --

Q.57 A motor car worth ₹2,00,000/- is sold by Ramu at 5% profit to Rahul. Rahul sells the motor car back to Ramu at 2% loss. Ramu's net profit (in ₹) in complete transaction is:

Ans

**1** 4,200/-

× 2. 3,208/-

X 3. 2,058/-

X 4. 3,200/-

Question ID: 9489118259 Option 1 ID: 94891133035 Option 2 ID: 94891133034 Option 3 ID: 94891133033 Option 4 ID: 94891133036 Status: Answered

Q.58 Select the Venn diagram that best represents the relationship between the given classes.

Train Engine, Electric Train Engine, Diesel Train Engine

Ans

1.

Question ID: 9489117803
Option 1 Ib: 94891131209

Question ID: 9489117803
Option 1 ID: 94891131209
Option 2 ID: 94891131210
Option 3 ID: 94891131211
Option 4 ID: 94891131212
Status: Answered
Chosen Option: 3

Which of following is NOT a part of the nine pillars of 'Digital India', a campaign launched by the Government of

Ans

Q.59

1. Electronics Manufacturing

★ 2. Broadband Highways

🗸 3. Jan-Dhan Yojna

Y 4. Universal Access to Mobile Connectivity

Question ID: 9489118343 Option 1 ID: 94891133370 Option 2 ID: 94891133369 Option 3 ID: 94891133371 Option 4 ID: 94891133372 Status: Answered

Ans

√ 1. Bardoli

X 2. Pawapuri

X 3. Seringapatam

X 4. Lumbini

Question ID: 9489118307 Option 1 ID: 94891133227 Option 2 ID: 94891133226 Option 3 ID: 94891133225 Option 4 ID: 94891133228 Status: Not Answered

Chosen Option: --

Q.61 Photosynthesis takes place in the presence of light. Which colour's light range least affects the rate of photosynthesis?

X 1 Red

√ 2. Green

X 3. Yellow

X 4. Blue

Question ID: 9489118315 Option 1 ID: 94891133258 Option 2 ID: 94891133260 Option 3 ID: 94891133257 Option 4 ID: 94891133259

Status: Answered

Chosen Option : 1

Q.62 If 
$$x + \frac{1}{x} = 2$$
, then  $x^3 + \frac{1}{x^3} = ?$ 

Ans X 1. 64

X 2. 8

**X** 3. 14

**4**. 2

Question ID: 9489118267

Option 1 ID: 94891133065 Option 2 ID: 94891133067

Option 3 ID: 94891133066

Option 4 ID: 94891133068 Status: Answered

Q.63 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one. Ans 1. Pen X 2. Knife X 3. Fork X 4. Spoon Question ID: 9489117796 Option 1 ID: 94891131184 Option 2 ID: 94891131182 Option 3 ID: 94891131183 Option 4 ID: 94891131181 Status: Answered Chosen Option :  ${\bf 1}$ Mohenjo Daro is situated in: X 1. Punjab X 2. Khyber Pakhtunkhwa √ 3. Sindh X 4. Balochistan Question ID: 9489118308 Option 1 ID: 94891133229 Option 2 ID: 94891133232 Option 3 ID: 94891133230 Option 4 ID: 94891133231 Status: Answered Chosen Option: 3 Q.65 Which of the following is NOT one of the four pillars of the 'Make in India' initiative? Ans √ 1. Participative

X 2. New Infrastructure

X 3. New Processes

X 4. New Sectors

Question ID: 9489118342 Option 1 ID: 94891133365 Option 2 ID: 94891133366 Option 3 ID: 94891133368 Option 4 ID: 94891133367 Status: Not Answered

Q.66 When is 'International Literacy Day' celebrated?

Ans

- ✓ 1. 8<sup>th</sup> September
- × 2. 29<sup>th</sup> September
- **X** 3. 14<sup>th</sup> September
- 🔀 4. 27<sup>th</sup> September

Question ID: 9489118333

Option 1 ID: 94891133329 Option 2 ID: 94891133331 Option 3 ID: 94891133330 Option 4 ID: 94891133332

Status: Not Answered

Chosen Option: --

Q.67 A 150m long train passes a canal of 102m in 7 seconds. The speed of the train is

Ans

- X 1. 42 m/s
- ✓ 2. 36 m/s
- X 3. 21 m/s
- X 4. 72 m/s

Question ID: 9489118262

Option 1 ID: 94891133046

Option 2 ID: 94891133047

Option 3 ID: 94891133045

Option 4 ID: 94891133048 Status: Answered

Chosen Option :  $\boldsymbol{2}$ 

Q.68 1 Peta Byte is equal to:

- Ans X 1. 1024 GB
  - × 2. 1024 MB
  - **✓** 3. 1024 TB
  - X 4. 1024 KB

Question ID: 9489118336

Option 1 ID: 94891133341

Option 2 ID: 94891133342

Option 3 ID: 94891133343

Option 4 ID: 94891133344

Status: Answered

Q.69 The sum of three consecutive natural numbers is 120. Find the largest number. X 1. 39 Ans × 2. 37 **3**. 41 X 4. 117 Question ID: 9489118251 Option 1 ID: 94891133002 Option 2 ID: 94891133003 Option 3 ID: 94891133004 Option 4 ID: 94891133001 Status: Answered Chosen Option: 3 Q.70 The mean of the marks scored by 50 students was found to be 40. Later on it was discovered that a score of 43 was misread as 23. The correct mean is: Ans X 1. 42 X 2. 41.5 **3**. 40.5 X 4. 42.5 Question ID: 9489118273 Option 1 ID: 94891133089 Option 2 ID: 94891133090 Option 3 ID: 94891133091 Option 4 ID: 94891133092 Status: AnsweredChosen Option: 3 Q.71 Manpreet says to Manoj, "Your father is the only child of my mother." How is Manpreet related to Manoj? Ans √ 1. Father X 2. Uncle X 3. Son X 4. Brother Question ID: 9489117778 Option 1 ID: 94891131111 Option 2 ID: 94891131112 Option 3 ID: 94891131109 Option 4 ID: 94891131110 Status: Answered Chosen Option: 1

Q.72 Read the given statements and conclusions 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 given conclusions logically follow from the statements.

#### Statements:

Some rings are bangles.

Some bangles are bracelets.

All the bracelets are studs.

# Conclusions:

- 1. Some studs are bangles.
- 2. Some bracelets are rings.
- 3. No bracelet is a ring.
- 4. Some bangles are rings.

Ans

- 1 Only conclusions 2 and 4 and neither 1 nor 3 follow.
- × 2. Only conclusions 1 and 2 follow.
- 3. Only conclusions 1 and 4 and either 2 or 3 follow.
- ★ 4. Only conclusions 2 and 3 follow.

Question ID: 9489117781 Option 1 ID: 94891131123 Option 2 ID: 94891131121 Option 3 ID: 94891131122 Option 4 ID: 94891131124

Status : **Answered** Chosen Option : **3** 

Q.73 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans

√ 1. Heart

X 2. Spinal Cord

X 3. Brain

X 4. Neuron

Question ID: 9489117798 Option 1 ID: 94891131191 Option 2 ID: 94891131190 Option 3 ID: 94891131189

Option 4 ID : **94891131192**Status : **Answered** 

Q.74 Select the term that can replace the question mark (?) in the following series. B3, D10, F17, H24, ? Ans 🗸 1. J31 X 2. G31 X 3. I31 X 4. K30 Question ID: 9489117787 Option 1 ID: 94891131146 Option 2 ID: 94891131148 Option 3 ID: 94891131145 Option 4 ID: 94891131147 Status: Answered Chosen Option: 1 Q.75 Who among the following won the 'Player of the Tournament' award at the ICC Cricket World Cup 2019? X 1 Joe Root X 2. Virat Kohli X 3. Steve Smith 4. Kane Williamson Question ID: 9489118305 Option 1 ID: 94891133219 Option 2 ID: 94891133217 Option 3 ID: 94891133218 Option 4 ID: 94891133220 Status: Answered Chosen Option: 3 Q.76 If in a certain code language, RING is written as PGLE. How will ITEM be written as in that language?

Ans

√ 1. GRCK

X 2. RKCG

X 3. GRKC

X 4. KCGR

Question ID: 9489117777
Option 1 ID: 94891131106
Option 2 ID: 94891131107
Option 3 ID: 94891131105
Option 4 ID: 94891131108
Status: Answered

Q.77 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

# Statement:

"Sunbathing is a source of vitamin D." - A medical advice.

# Assumptions:

1. Sunbathing is the only source of vitamin D.

2 People can use sunbathing as an option for getting vitamin D in their body.

Ans

- ✓ 1. Only assumption 2 is implicit.
- X 2. Neither assumption 1 nor 2 is implicit.
- X 3. Both assumptions 1 and 2 are implicit.
- 4. Only assumption 1 is implicit.

Question ID: 9489117785

Option 1 ID: 94891131138 Option 2 ID: 94891131139

Option 3 ID: 94891131140

Option 4 ID: 94891131137

Status: Answered Chosen Option: 1

Q.78 Which of the following players has NOT reached 20000 runs in all of the international formats of cricket combined?

Ans

- Sunil Gavaskar
- X 2. Sachin Tendulkar
- X 3. Brain Lara
- X 4. Rahul Dravid

Question ID: 9489118310

Option 1 ID: 94891133237

Option 2 ID: 94891133238

Option 3 ID: 94891133239 Option 4 ID: 94891133240

Status: Not Answered

Chosen Option: --

If  $(\sqrt{5} + 1)^2 = a + b\sqrt{5}$ , then find a, b where (a > b)

- Ans X 1. 8, 6
  - X 2. 6, 4
  - **√** 3. 6, 2
  - X 4. 4, 2

Question ID: 9489118266

Option 1 ID: 94891133061

Option 2 ID: 94891133064 Option 3 ID: 94891133063

Option 4 ID: 94891133062 Status: Answered

Q.80 Which of the following is NOT a type of desktop operating system? Ans X 1. Windows X 2. Mac √ 3. Android X 4. Linux Question ID: 9489118337 Option 1 ID: 94891133346 Option 2 ID: 94891133347 Option 3 ID: 94891133348 Option 4 ID: 94891133345 Status: Answered Chosen Option: 3 Q.81 Two trains 131 m and 89 m long are moving in opposite direction one at the speed of 42 Km/h, the other at a speed of 30 Km/h. In what time will they be completely clear of each other from the moment they meet? Ans X 1. 20 s X 2. 10 s **√** 3. 11 s X 4. 18 s Question ID: 9489118263 Option 1 ID: 94891133049 Option 2 ID: 94891133052 Option 3 ID: 94891133051 Option 4 ID: 94891133050 Status: Answered Chosen Option: 2 Q.82 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one. Ans X 1. Eagle × 2. Sparrow √ 3. Emu X 4. Crow Question ID: 9489117797 Option 1 ID: 94891131188 Option 2 ID: 94891131187 Option 3 ID: 94891131186 Option 4 ID: 94891131185 Status: Answered Chosen Option: 3

By how much is  $\frac{4}{5}$  th of 3500 more than  $\frac{1}{3}$  rd of 6000?

Ans X 1. 2800

X 2. 2000

X 3. 1800

**4**. 800

Question ID: 9489118245 Option 1 ID: 94891132978 Option 2 ID: 94891132979 Option 3 ID: 94891132977

Option 4 ID: 94891132980

Status: Answered Chosen Option: 4

Q.84 Which Indian satellite gathers data for oceanographic, coastal and atmospheric application?

1. INSAT-4D

× 2. GSAT-4

X 4. INSAT-3B

Question ID: 9489118330

Option 1 ID: 94891133317 Option 2 ID: 94891133319 Option 3 ID: 94891133318 Option 4 ID: 94891133320 Status: Not Answered

Chosen Option: --

Q.85 A rectangle with dimensions of 24 cm and 28 cm was reconstructed to make a rhombus with the same perimeter as that of the rectangle and  $120^{\circ}$  as one of its angles. The area of the rhombus was:

Ans

 $\times$  1.  $\frac{338\sqrt{3}}{3}$  cm<sup>2</sup>

 $\times 2. \frac{169\sqrt{3}}{3} cm^2$ 

 $\times$  3.  $169\sqrt{3}$  cm<sup>2</sup>

✓ 4.  $338\sqrt{3}cm^2$ 

Question ID: 9489118272

Option 1 ID: 94891133087 Option 2 ID: 94891133088 Option 3 ID: 94891133086 Option 4 ID: 94891133085

Status: Not Answered

**Q.86** If ' ÷ ' means ' + ', ' × ' means ' - ', ' - ' means ' × ' and ' + ' means ' ÷ ', then find the value of 2 ÷ 3 - 3 + 4 × 2.

Ans

$$\times$$
 2.  $\frac{7}{3}$ 

**X** 3. 
$$\frac{12}{5}$$

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

Question ID: 9489117789

Option 1 ID : 94891131153 Option 2 ID : 94891131154 Option 3 ID : 94891131155 Option 4 ID : 94891131156

Status : **Answered** 

Chosen Option: 1

Q.87 If '-' is interchanged with '+' and '3' is interchanged with '6', then which of the following equations will be correct?

Ans

$$\times$$
 1. 4 + 6 ÷ 3 - 3 × 2 = 8

$$\times$$
 2. 4 + 6 ÷ 3 - 3 × 2 = 10

$$\checkmark$$
 3.  $4+6 \div 3-3 \times 2=5$ 

$$\times$$
 4. 4 + 6 ÷ 3 - 3 × 2 = 12

Question ID: 9489117790

Option 1 ID: 94891131158

Option 2 ID : **94891131157** Option 3 ID : **94891131159** 

Option 4 ID : **94891131160** 

Status : **Answered** 

Q.88 Details of the number of people who applied for railway travel reservation (RTR) and those who actually travelled (AT) from 2014 to 2018 from the states of Uttar Pradesh (UP), Himachal Pradesh (HP), Haryana and Punjab are given in the following table. Study the table and answer the question that follows.

Year UP		HP			Haryana		Punjab	
	RTR	AT	RTR	AT	RTR	AT	RTR	AT
2014	8283	8027	10834	9131	7483	7247	22843	21236
2015	8496	8334	12967	11123	7696	7554	24967	22123
2016	8978	8832	19782	17126	8178	8052	29783	27122
2017	9588	9301	21883	20112	8788	8521	32887	30018
2018	9812	9602	28123	26785	9012	8822	38123	36726
Total	45157	44096	93589	84277	41157	40196	148603	137225

Which state has the maximum difference between the total RTR and AT?

Ans

X 1. UP

🔀 2. Haryana

🗸 3. Punjab

X 4. HP

Question ID: 9489117791 Option 1 ID: 94891131161 Option 2 ID: 94891131163 Option 3 ID: 94891131162

Option 4 ID: 94891131164 Status: Answered

Chosen Option : 4

Q.89 Details of maximum marks and marks obtained by different students in Maths, English, Physics, Chemistry, Computer Science and Photography are given in the following table. Study the table and answer the question that follows.

Students	Marks Obtained					
Subjects	Max. Marks	A	В	С	D	Е
Mathematics	100	67	84	65	90	46
Physics	100	56	89	72	88	67
Chemistry	100	87	79	62	92	69
English	100	72	69	80	82	56
Computer Sc.	50	33	39	34	41	32
Photography	50	40	45	47	45	40
Total	500	355	405	360	440	310

What is the average marks scored by all the students in Computer Science?

Ans

1. 35.8

× 2. 64.8

X 3. 34.8

X 4. 34.33

Question ID: 9489117792

Option 1 ID: 94891131165 Option 2 ID: 94891131168 Option 3 ID: 94891131167 Option 4 ID: 94891131166

Status : **Answered** 

Chosen Option :  ${\bf 1}$ 

Q.90 Which of the following statements can be concluded from the given statement?

#### Statement

Vinod sent his servant to the vegetable market to buy vegetables. After returning, the servant said that every vegetable he brought was a green vegetable and he bought each and every green vegetable that was available in the market.

Ans



Green vegetables were the only vegetables that were available in the market.

2. No other vegetables were available in the market.

3. The servant bought all the vegetables that he saw.

**4**.

The servant bought no vegetable other than green vegetables from the market.

Question ID: 9489117800 Option 1 ID: 94891131197 Option 2 ID: 94891131199 Option 3 ID: 94891131200 Option 4 ID: 94891131198 Status: Answered

Chosen Option: 4

Q.91 Details of expenses made by a company (in millions) under different heads of expenditure are given in the following table. Study the table and answer the question that follows.

Year	Head of Expenditure							
	Transport	Admin	Salary	Others	Taxes			
2014	452	167	340	56	47			
2015	569	174	398	62	56			
2016	659	189	409	73	61			
2017	706	193	456	77	63			
2018	783	203	479	81	69			

The total expenditure made on the payment of Admin in 2018 was approximately what percentage of the total expenditure made on all heads for that year?

Ans

X 1. 1.257%

X 2. 125.7%

√ 3. 12.57%

X 4. 1257%

Question ID: 9489117795

Option 1 ID: **94891131177**Option 2 ID: **94891131179** 

Option 3 ID: **94891131178**Option 4 ID: **94891131180** 

Status : **Answered** 

Q.92 Select the number that can replace the question mark (?) in the following series. 2, 10, 26, ?, 82, 122 Ans X 1. 48 X 2. 68 **3**. 50 X 4. 80 Question ID: 9489117788 Option 1 ID: 94891131150 Option 2 ID: 94891131151 Option 3 ID: 94891131149 Option 4 ID: 94891131152 Status: Answered Chosen Option: 3 Q.93 In a certain code language, 41678 is written as 32587. Find the code for 65332. Ans X 1. 46412 X 2. 56124 **√** 3. 56241 X 4. 46214 Question ID: 9489117776 Option 1 ID: 94891131102 Option 2 ID: 94891131101 Option 3 ID: 94891131104 Option 4 ID: 94891131103 Status: Answered Chosen Option: 3 Q.94 Select the letter-cluster from among the given options that is similar to the letter-clusters given below? MDCL, QBAP, YHGX, TFES, ? Ans √ 1. XJIW X 2. FUVE X 3. XCBY X 4. VDEW Question ID: 9489117786 Option 1 ID: 94891131142 Option 2 ID: 94891131144 Option 3 ID: 94891131141 Option 4 ID: 94891131143 Status: Not Answered Chosen Option: --

Q.95 Details of the number of students from various schools playing different games are given in the following table. Study the table and answer the question that follows.

Games	Schools						
	A	В	C	D	Е		
Badminton	34	67	23	78	56		
Table Tennis	21	40	26	32	29		
Football	12	22	19	16	21		
Basketball	09	13	07	12	06		
Cricket	98	121	78	84	67		

Which is the only Game in which the maximum number of Students are NOT from school B?

Ans

X 1. Table Tennis

✓ 2. Badminton

X 3. Football

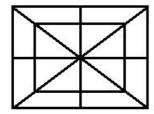
X 4. Basketball

Question ID: 9489117794 Option 1 ID: 94891131173 Option 2 ID: 94891131174 Option 3 ID: 94891131175 Option 4 ID: 94891131176

Status : Answered

Chosen Option : 2

Q.96 What is the minimum number of straight lines in the following figure?



Ans

X 1. 16

X 2. 14

**√** 3. 12

X 4. 13

Question ID: 9489117799

Option 1 ID: 94891131194

Option 2 ID: 94891131195

Option 3 ID: 94891131193

Option 4 ID : 94891131196

Status: Not Answered

Q.97 Details of computer printers sold by XYZ Computers over a period of 5 years are given in the following table. Study the table and answer the question that follows.

Year	Types of Printers							
	LO	L1	L2	L3	L4			
2014	523	345	678	340	740			
2015	673	451	822	235	905			
2016	567	389	907	423	867			
2017	590	562	1202	548	913			
2018	623	677	1212	674	988			

What is the difference between the minimum and maximum Sales for model L3?

Ans

1. 439

X 2. 334

X 3. 340

X 4. 674

Question ID: 9489117793 Option 1 ID: 94891131171 Option 2 ID: 94891131172 Option 3 ID: 94891131170 Option 4 ID: 94891131169

Status: Answered

Chosen Option : 1

Q.98 Select the option that is related to the third term in the same way as the second term is related to the first term.

Animal: Horse:: Insect:?

Ans

X 1. Goose

X 2. Dove

√ 3. Flea

X 4. Wings

Question ID: 9489117774
Option 1 ID: 94891131096
Option 2 ID: 94891131095
Option 3 ID: 94891131093
Option 4 ID: 94891131094

Status : **Not Answered** Chosen Option : --

Q.99 If R is the mother of girl P and the sister of A, and A is the only son of D and the father of girl C, then how is P related to

Ans

X 1. Sister

× 2. Daughter

X 3. Mother's brother

4. Sister's daughter

Question ID: 9489117779

Option 1 ID: 94891131114 Option 2 ID: 94891131113 Option 3 ID: 94891131116 Option 4 ID: 94891131115

Status : **Answered** 

Q.100 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

#### Statement

- "Employees have not received their salary for the last three months despite several requests to the competent authority."
- A statement by a union leader.

# Assumptions:

- 1. Every employee should get their salary on the stipulated date.
- 2. Non-payment of employee salary on time reflects inefficiency of the competent authority.

Ans

- ★ 1 Only assumption 2 is implicit.
- × 2. Only assumption 1 is implicit.
- X 3. Neither assumption 1 nor 2 is implicit.
- ✓ 4. Both assumptions 1 and 2 are implicit.

Question ID: 9489117784

Option 1 ID: 94891131134

Option 2 ID: 94891131133

Option 3 ID: 94891131135

Option 4 ID: 94891131136

Status : **Answered**