

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



Participant ID	Jo <b>in</b> YouTube C <b>hann</b> el
Participant Name	Jo <b>in</b> YouTube C <b>hann</b> el
Test Center Name	iON Digital Zone iDZ Gajularega
Test Date	16/02/2021
Test Time	3:00 PM - 4:30 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 ratio of the areas of two triangles is 4:3 and the ratio of their heights is 3:4. Find the ratio of their bases.

Ans

X 1. 14:9

X 2. 16:3

√ 3. 16:9

X 4. 12:7

Question ID: 9489119665

Option 1 ID: 94891138657

Option 2 ID: 94891138659

Option 3 ID: 94891138658

Option 4 ID : **94891138660** Status : **Answered** 

Chosen Option: 3

**Q.2** If the interior angles of a pentagon are in the ratio 1:3:5:7:11, then the measure of the smallest interior angle is:

Ans

X 1. 10°

√ 2. 20°

X 3. 25°

X 4. 15°

Question ID: 9489119673

Option 1 ID: 94891138692

Option 2 ID: 94891138690

Option 3 ID: 94891138689 Option 4 ID: 94891138691

Status : Answered

Q.3 Which one of the following classical dances in its present form is influenced by Mughal tradition?

Ans

- √ ¹ Kathak
- X 2. Mohiniyattam
- X 3. Bharatanatyam
- X 4. Kathakali

Question ID: 9489119910

Option 1 ID: 94891139639

Option 2 ID: 94891139640

Option 3 ID: 94891139637

Option 4 ID: 94891139638

Status : Answered

Chosen Option: 1

Q.4 Who among the following is NOT the founding members of the United Nation?

Ans

- X 1. Cuba
- ✓ 2. Germany
- X 3. USA
- X 4. France

Question ID: 9489119933

Option 1 ID: 94891139732

Option 2 ID: 94891139730

Option 3 ID: 94891139731

Option 4 ID: 94891139729

Status: Answered

Chosen Option : 1

Q.5 When did an Indian chief minister hoist the national flag on Independence Day for the first time?

Ans

- × 1. 15<sup>th</sup> August 1977
- × 2. 15<sup>th</sup> August 1950
- X 3. 15<sup>th</sup> August 1947
- ✓ 4. 15<sup>th</sup> August 1974

Question ID: 9489119928

Option 1 ID: 94891139712

Option 2 ID: 94891139710

Option 3 ID: 94891139709

Option 4 ID: 94891139711

Status: Not Answered

Q.6 In the context of the GST framework, what is the full form of SGST?

Ans

- ✓ 1. State Goods & Service Tax.
- X 2. Statutory Goods & Service Tax
- X 3. Special Goods & Service Tax
- X 4. Systemic Goods & Service Tax

Question ID : 9489119941

Option 1 ID: 94891139761

Option 2 ID: 94891139764

Option 3 ID: 94891139762 Option 4 ID: 94891139763

Status : Answered

Chosen Option: 1

Q.7 Who was the first person to obtain a spectrum by passing light through a prism?

Ans

- X 1. Pierre Curie
- X 2. Paul Villard
- X 3. Benjamin Franklin
- 4. Isaac Newton

Question ID: 9489119914

Option 1 ID: 94891139654

Option 2 ID: 94891139656

Option 3 ID: 94891139653

Option 4 ID : **94891139655** Status : **Answered** 

Chosen Option: 3

Q.8 Which of the following is NOT an instrument of the monetary policy of the Reserve Bank of India?

Ans

- ✓ 1. Goods and Services Tax (GST)
- X 2. Statutory Liquidity Ratio (SLR)
- X 3. Bank Rate
- X 4. Cash Reserve Ratio (CRR)

Question ID: 9489119942

Option 1 ID: 94891139766

Option 2 ID: 94891139767

Option 3 ID: 94891139765

Option 4 ID: 94891139768

Status: Answered

Select the term that will come next in the following series.

2B, 4D, 7G, 12L, 19S, 30D, 43Q, ?

- Ans 1. 60H
  - X 2. 64S
  - X 3. 60Z
  - X 4. 63X

Question ID: 9489119288

Option 1 ID: 94891137150

Option 2 ID: 94891137149

Option 3 ID: 94891137152

Option 4 ID: 94891137151 Status: Answered

Chosen Option: 1

Q.10 Which one of the following is the tallest statue in the world?

- X 1. 'Spring Temple Buddha' in China
- X 2. 'Great Buddha of Thailand' in Thailand
- X 3. 'Statue of Liberty' in USA
- √ 4. 'Statue of Unity' in India

Question ID: 9489119909

Option 1 ID: 94891139635

Option 2 ID: 94891139636

Option 3 ID: 94891139634

Option 4 ID: 94891139633

Status : Answered

Q.11 The value of the expression

$$\left(1 + \frac{1}{3}\right) \left(1 + \frac{1}{4}\right) \left(1 + \frac{1}{5}\right) \cdots \left(1 + \frac{1}{n-1}\right)$$
 is:

Ans

- $\checkmark$  1.  $\left(\frac{n}{3}\right)$
- $\times$  2.  $\left(\frac{1}{3}\right)$
- $\times$  3.  $\left(1+\frac{1}{n}\right)$
- $\times$  4.  $\left(\frac{n}{n-1}\right)$

Question ID: 9489119667

Option 1 ID : 94891138666

Option 2 ID: 94891138665 Option 3 ID: 94891138668

Option 4 ID : 94891138667

Status : Answered

Chosen Option: 1

Q.12 With which of the following organisations were Ram Prasad Bismil, Chandrashekhar Azad and Bhagat Singh associated?

Ans 🥒 1

- Hindustan Socialist Republican Association
- X 2. Azad Hind Fauj
- X 3. Naujawan Bharat Sabha
- X 4. Hind Socialist Republican Association

Question ID: 9489119920

Option 1 ID: 94891139678

Option 2 ID: 94891139679

Option 3 ID: 94891139677

Option 4 ID: 94891139680

Status: Answered

Q.13 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

#### Statement:

"From next month, everyone has to pay income tax no matter what your income is" - Government notice said.

#### Assumptions

I: Government Treasury fund is getting short.

II: People of the country have become rich.

Ans

- ✓ 1. Neither I nor II is implicit.
- X 2. Both I and II are implicit.
- 3. Only assumption II is implicit.
- A Only assumption I is implicit.

Question ID : **9489119283** Option 1 ID : **94891137132** 

Option 2 ID: 94891137131 Option 3 ID: 94891137130 Option 4 ID: 94891137129

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.14 A vendor sold 16 clips for a rupee and got 25% profit. How many clips did he buy for a rupee?

Ans

- **1** 20
- X 2. 10
- X 3. 25
- X 4. 15

Question ID: 9489119658

Option 1 ID: 94891138630

Option 2 ID: 94891138632

Option 3 ID: 94891138629

Option 4 ID: 94891138631

Status : Answered

Chosen Option: 1

Q.15 The sum of  $3.\overline{26} - 2.\overline{14} + 1.\overline{33}$  is:

Ans

- √ 1. 2.45
- X 2. 2. 2.5
- X 3. 2. 15
- X 4. 2. 55

Question ID: 9489119646

Option 1 ID: 94891138581

Option 2 ID: 94891138584

Option 3 ID: 94891138582

Option 4 ID: 94891138583

Status : Answered

Q.16 Who among the following was one of the defence attorneys of the famous 'Sehgal-Dhillon-Shah Nawaz' trials?

- X 1 Rajendra Prasad
- X 2. Agha Khan
- 3. Jawaharlal Nehru
- Y 4. Pattabhi Sitaramayya

Question ID: 9489119921

Option 1 ID: 94891139682

Option 2 ID: 94891139683

Option 3 ID: 94891139684

Option 4 ID: 94891139681 Status: Not Answered

Chosen Option: --

If 
$$\left(x + \frac{1}{x}\right) = 7$$
, then  $\left(x - \frac{1}{x}\right)$  is equal to:

- Ans  $\times 1.2\sqrt{5}$ 
  - **×** 2. √5
  - **√** 3. 3√5
  - X 4. 5√5

Question ID: 9489119666

Option 1 ID: 94891138662

Option 2 ID: 94891138663

Option 3 ID: 94891138664

Option 4 ID: 94891138661 Status: Answered

Chosen Option: 3

## Q.18 Which of the following numbers is NOT prime?

- Ans X 1. 811
  - X 2. 317
  - **3**. 817
  - X 4. 313

Question ID: 9489119649

Option 1 ID: 94891138595

Option 2 ID: 94891138596

Option 3 ID: 94891138594

Option 4 ID: 94891138593

Status: Answered

Q.19 In April 2019, \_\_\_\_\_\_ became the first Indian woman to be elected to the Fellow of the Royal Society (FRS).

Δne

X 1. Dr. Indira Hinduja

√ 2. Dr. Gagandeep Kang

X 3. Kiran Mazumdar Shaw

X 4. Tessy Thomas

Question ID : 9489119907 Option 1 ID : 94891139626 Option 2 ID : 94891139627 Option 3 ID : 94891139625

Option 4 ID : 94891139628
Status : Not Answered

Chosen Option: --

Q.20 Solve the given equation.

$$\frac{3+4 \div 2 \times 3}{4+3 \times 2 \div 3} =$$

Ans

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

$$\checkmark$$
 4.  $\frac{3}{5}$ 

Question ID: 9489119645

Option 1 ID: 94891138580

Option 2 ID: 94891138579

Option 3 ID: 94891138577

Option 4 ID : **94891138578** Status : **Answered** 

Q.21 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 7, 14, 36, ?



X 2. 117

X 3. 101

X 4. 99

Question ID: 9489119286

Option 1 ID: 94891137144

Option 2 ID: 94891137143

Option 3 ID: 94891137142

Option 4 ID: 94891137141

Status : Answered

Chosen Option: 1

Q.22 Find out the mean for the given data.

6.7, 7.2, 8.7, 9.2, 10.1

Ans X 1. 8.39



X 3. 8.36

X 4. 8.37

Question ID : 9489119668

Option 1 ID: 94891138669

Option 2 ID: 94891138672 Option 3 ID: 94891138671

Option 4 ID: 94891138670

Status: Answered

Chosen Option: 2

Q.23 What would be the highest value of X in the given equation?

$$5X1 + 6Y7 + 3Z3 = 1471$$

Ans X 1. 5

X 2. 3

**3**. 6

X 4. 7

Question ID: 9489119652

Option 1 ID: 94891138608

Option 2 ID: 94891138605

Option 3 ID: 94891138607

Option 4 ID: 94891138606

Status: Answered

Q.24 Solve the given equation.

 $\sqrt{12321} \times \sqrt{?} = 13431$ 

Ans X 1. 14631

X 2. 14541

√ 3. 14641

X 4. 14621

Question ID: 9489119648

Option 1 ID: 94891138589

Option 2 ID: 94891138591

Option 3 ID: 94891138590

Option 4 ID: 94891138592 Status: Answered

Chosen Option: 3

Q.25 Which two signs need to be interchanged to make the following equation correct?

 $9 + 3 - 15 \times 5 \div 8 = 2$ 

Ans 🗸 1. -, ÷

X 2. +, -

X 3. ×, +

X 4. ×, ÷

Question ID: 9489119295

Option 1 ID: 94891137178

Option 2 ID: 94891137177

Option 3 ID: 94891137180 Option 4 ID: 94891137179

Status: Answered

Chosen Option: 1

Q.26 What was the name of the political party formed by Subhash Chandra Bose after he left Congress party?

X 1. All India Progressive Bloc

X 2. Indian National Army

√ 3. All India Forward Bloc

X 4. All India Socialist Bloc

Question ID: 9489119918

Option 1 ID: 94891139669

Option 2 ID: 94891139672

Option 3 ID: 94891139670

Option 4 ID: 94891139671

Status: Answered

Who was the first European president of the Indian National Congress?

Ans

✓ 1. George Yule

X 2. Alfred Webb

X 3. AO Hume

X 4. Annie Besant

Question ID: 9489119917 Option 1 ID: 94891139666 Option 2 ID: 94891139667

Option 3 ID: 94891139665 Option 4 ID: 94891139668

Status: Answered

Chosen Option: 1

Q.28 What is the ore of aluminium called?

Ans X 1. Malachite

X 2. Haematite

√ 3. Bauxite

X 4. Magnetite

Question ID: 9489119911

Option 1 ID: 94891139643

Option 2 ID: 94891139641

Option 3 ID: 94891139644 Option 4 ID: 94891139642

Status: Answered

Chosen Option: 3

The values of the mode and the mean are 7.52 and 9.83 respectively in a moderately asymmetrical distribution. Find the median of the distribution.

Ans

X 1. 9.00

X 2. 8.86

X 3. 8.90

4. 9.06

Question ID: 9489119669

Option 1 ID: 94891138673

Option 2 ID: 94891138675

Option 3 ID: 94891138676

Option 4 ID: 94891138674

Status : Not Attempted and Marked For Review

Q.30 National Museum of Indian Cinema was inaugurated in January 2019 in:

X 1 Kolkata

X 2. Delhi

3. Mumbai

X 4. Chennai

Question ID: 9489119906 Option 1 ID: 94891139622 Option 2 ID: 94891139623 Option 3 ID: 94891139624

Option 4 ID: 94891139621 Status: Not Answered

Chosen Option: --

Q.31 According to USDA, which of the following countries is the largest producer of rice in the world based on production in year 2019-20?

Ans

√ 1. China

× 2. India

X 3. Russia

X 4. Thailand

Question ID: 9489119924

Option 1 ID: 94891139695

Option 2 ID: 94891139696

Option 3 ID: 94891139694 Option 4 ID: 94891139693

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.32 As of December 2020, who is the coach of the Indian men's football team?

Ans

X 1. Graham Reid

✓ 2. Igor Stimac

X 3. Stephen Constantine

X 4. Shyam Thapa

Question ID: 9489119905

Option 1 ID: 94891139617

Option 2 ID: 94891139620

Option 3 ID: 94891139618

Option 4 ID: 94891139619

Status : Not Attempted and Marked For Review

Q.33 What is the missing term in the given series?

$$5, 5, \frac{15}{4}, \frac{5}{2}, \frac{25}{16}, \dots, \frac{35}{64}, \frac{5}{16}$$

- × 1.  $\frac{77}{45}$
- × 2.  $\frac{15}{11}$
- **√** 3.  $\frac{15}{16}$
- $\times$  4.  $\frac{15}{28}$

Question ID: 9489119287

Option 1 ID: 94891137148

Option 2 ID: 94891137146

Option 3 ID: 94891137147

Option 4 ID: 94891137145

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.34 Find the highest common factor of 36 and 48.

Ans

- X 1. 18
  - **√** 2. 12
  - X 3. 8
  - X 4. 6

Question ID: 9489119647

Option 1 ID: 94891138588

Option 2 ID: 94891138587

Option 3 ID: 94891138585

Option 4 ID: 94891138586

Status: Answered

Q.35 Out of the four numbers listed, three are alike in some manner and one is different. Select the odd one. Ans X 1. 65 **2**. 105 X 3. 143 X 4. 21 Question ID: 9489119293 Option 1 ID: 94891137171 Option 2 ID: 94891137170 Option 3 ID: 94891137169 Option 4 ID: 94891137172 Status: Answered Chosen Option: 2 The oval spot in the human eye is the area of best vision. Ans X 1. blue ✓ 2. yellow X 3. white X 4. green Question ID: 9489119912 Option 1 ID: 94891139645 Option 2 ID: 94891139646 Option 3 ID: 94891139647 Option 4 ID: 94891139648 Status : Not Attempted and Marked For Review Chosen Option: --Q.37 In the e-mail address India@solu.edu, India is the: Ans 🗸 1. User name X 2. Password X 3. Domain name X 4. Server name Question ID: 9489119936 Option 1 ID: 94891139741 Option 2 ID: 94891139743 Option 3 ID: 94891139744 Option 4 ID: 94891139742 Status : Not Attempted and Marked For Review Chosen Option: --

Q.38 Which was the first Indian Institute of Technology (IIT) to be established?

- X 1 IIT, Delhi
- X 2. IIT, Bombay
- X 3. IIT, Kanpur
- 4. IIT, Kharagpur

Question ID: 9489119930

Option 1 ID: 94891139719

Option 2 ID: 94891139720

Option 3 ID: 94891139717

Option 4 ID: 94891139718

Status : Answered

Chosen Option: 2

Q.39 The ratio between the speeds of two trains is 7:5. If the second train runs 400 km in 4 h, then the speed of the first train

Ans

- ✓ 1. 140 km/h
- × 2. 148 km/h
- X 3. 145 km/h
- X 4. 142 km/h

Question ID: 9489119662

Option 1 ID: 94891138646

Option 2 ID: 94891138648

Option 3 ID: 94891138647

Option 4 ID: 94891138645 Status: Answered

Chosen Option: 1

Q.40 In May 2018, the government of India approved 'National Policy on Biofuels' to promote biofuels in the country. Which of the following Indian states was the first to implement this policy?

Ans

- √ 1 Rajasthan
- X 2. Kerala
- X 3. Goa
- Himachal Pradesh
   A
   Himachal Pradesh
   Himachal Pradesh
   A
   Himachal Pradesh
   H

Question ID: 9489119934

Option 1 ID: 94891139736

Option 2 ID: 94891139733

Option 3 ID: 94891139734

Option 4 ID: 94891139735

Status: Not Answered

Sabarimala Sri Ayyappa temple is situated in the state of:

Ans

X 1 Karnataka

X 2. Tamil Nadu

√ 3. Kerala

X 4. Andhra Pradesh

Question ID: 9489119908 Option 1 ID: 94891139631 Option 2 ID: 94891139629 Option 3 ID: 94891139630

Option 4 ID: 94891139632 Status: Answered

Chosen Option: 3

Q.42 There are three objects X, Y, and Z, that have triangular, square and pentagonal shapes, have red, green and blue colours and are made up of different materials gold, silver and bronze such that, X is red but not square. Y is made up of silver but it is not green. X is made up of bronze and Z has a pentagonal shape. What is Z made up of?

Ans

X 1. Brass

✓ 2. Gold

X 3. Silver

X 4. Bronze

Question ID: 9489119300

Option 1 ID: 94891137200

Option 2 ID: 94891137197

Option 3 ID: 94891137198

Option 4 ID: 94891137199 Status : Answered

Chosen Option: 2

Q.43 If the Cost price of an article is 40% of its selling price, then what percent is the selling price of its cost price?

√ 1. 250%

X 2. 200%

X 3. 150%

X 4. 175%

Question ID: 9489119659

Option 1 ID: 94891138633

Option 2 ID: 94891138634

Option 3 ID: 94891138635

Option 4 ID: 94891138636

Status: Answered

17/08/2021

Q.44 Which of the following nuclear power plants has been INCORRECTLY matched with the state within which it is located?

Ans

🗡 1. Kaiga – Karnataka

X 2 Kudankulam – Tamil Nadu

X 3. Kakrapar - Gujarat

√ 4. Kalpakkam – Karnataka

Question ID : 9489119931 Option 1 ID : 94891139722

Option 2 ID : 94891139721 Option 3 ID : 94891139724 Option 4 ID : 94891139723

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

Q.45 The base and the altitude of a right-angled triangle are 15 cm and 8 cm respectively. What is the altitude from the opposite vertex to its hypotenuse?

Ans

$$\times$$
 1.  $7\frac{1}{15}$  cm

$$\times$$
 2.  $1\frac{7}{17}$  cm

$$\sqrt{3.7} \frac{1}{17}$$
 cm

$$\times$$
 4.  $7\frac{11}{17}$  cm

Question ID: 9489119664

Option 1 ID: 94891138653

Option 2 ID: 94891138654

Option 3 ID: 94891138655

Option 4 ID : **94891138656** Status : **Answered** 

Status : Answe

Chosen Option: 3

Q.46 e-NAM launched by the Government of India in April 2016 is:

Δns

X 1. a national portal for e-commerce activities

X 2. the name of a national electronic market

**X** 3.

an electronic registration for business establishments' names

✓ 4 an electronic platform for agriculture market

Question ID: 9489119943

Option 1 ID : 94891139772 Option 2 ID : 94891139769

Option 3 ID : **94891139770**Option 4 ID : **94891139771** 

Status : Answered

Q.47 Select the number that can replace the question mark (?) in the following equation.

120% of 3125 - 90% of ? = 150

Ans X 1. 40

X 2. 400

**3**. 4000

X 4. 3600

Question ID: 9489119655

Option 1 ID: 94891138618

Option 2 ID: 94891138617

Option 3 ID: 94891138619

Option 4 ID: 94891138620

Status: Answered Chosen Option: 3

Q.48 Which of the following National waterway runs along Coromandal Coast and also through part of Krishna and Godavari

Ans

1 National Waterway-2

× 2. National Waterway-3

X 3. National Waterway-1

4. National Waterway-4

Question ID: 9489119940

Option 1 ID: 94891139759

Option 2 ID: 94891139758

Option 3 ID: 94891139760

Option 4 ID: 94891139757 Status: Answered

Chosen Option: 4

Q.49 What is the scientific name of the fruit mango?

X 1 Mangana Indica

X 2. Mangus Indica

3. Mangifera Indica

Mangus Indicus

Mangus Ind

Question ID: 9489119916

Option 1 ID: 94891139661

Option 2 ID: 94891139663

Option 3 ID: 94891139664 Option 4 ID: 94891139662

Status: Answered

Q.50 Which one of the following is defined as 'a program that runs in the background on your computer, sending information about your browsing habits to the company that installed it on your computer'? Ans X 1. Grayware X 2. Malware X 3. Adware 4. Spyware Question ID: 9489119938 Option 1 ID: 94891139751 Option 2 ID: 94891139749 Option 3 ID: 94891139750 Option 4 ID: 94891139752 Not Attempted and Status: Marked For Review Chosen Option: --Q.51 'Right to Property' was removed from the list of Fundamental Rights by which amendment to the Constitution of India? Ans √ 1. 44<sup>th</sup> × 2. 48<sup>th</sup> × 3. 46<sup>th</sup> X 4. 42nd Question ID: 9489119927 Option 1 ID: 94891139706 Option 2 ID: 94891139708 Option 3 ID: 94891139707 Option 4 ID: 94891139705 Status: Answered Chosen Option: 4 Q.52 Quinine, a common medication for malaria, is extracted from the barks of \_\_\_\_ Ans X 1. Eucalyptus √ 2. Cinchona X 3. Beech X 4. Maple Question ID: 9489119915 Option 1 ID: 94891139657 Option 2 ID: 94891139659 Option 3 ID: 94891139660 Option 4 ID: 94891139658 Status: Answered Chosen Option: 2

If  $\tan \theta = -\frac{12}{5}$ , then the value of  $\sin \theta$  is:

Ans

$$\times$$
 1.  $\sqrt{\frac{12}{13}}$ 

$$\times$$
 2.  $\frac{\sqrt{12}}{13}$ 

**✓** 3. 
$$-\frac{12}{13}$$

$$\times$$
 4.  $-\frac{12}{15}$ 

Question ID: 9489119671

Option 1 ID: 94891138684

Option 2 ID : 94891138681

Option 3 ID: 94891138683

Option 4 ID : **94891138682** Status : **Answered** 

Chosen Option: 3

Q.54 At what rate of simple interest will a sum of money triple itself in 8 years?

Ans

X 1. 20%

X 2. 35%

**√** 3. 25%

X 4. 30%

Question ID: 9489119660

Option 1 ID: 94891138637

Option 2 ID: 94891138640

Option 3 ID: 94891138638

Option 4 ID: 94891138639

Status : Answered

Q.55 There are five trucks A, B, C, D and E having different colours, i.e. blue, green, orange, red and brown, not necessarily in that order. They are running on five different highways, i.e. H1, H2, H3, H4 and H5, not in the same order. A is on H4 and is not blue or brown. B is green and is not running on H3 or H5. C is blue and is not on H1. D is running on H1 and is not orange or brown. E is not running on H5 or H2. On which highway is E running?

Ans







X 4. H2

Question ID : 9489119301 Option 1 ID : 94891137201 Option 2 ID : 94891137203

Option 3 ID : **94891137204** Option 4 ID : **94891137202** 

Status : Answered

Chosen Option: 3

Q.56 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

#### Statement:

If you don't follow traffic rules, you will be fined.

### Assumptions:

I: People may start following rules to avoid fine.

II: Traffic rules are for people's safety.

Ans

Only assumption I is implicit.

× 2. Neither I nor II is implicit.

3 Both I and II are implicit.

4. Only assumption II is implicit.

Question ID : 9489119281

Option 1 ID: 94891137121

Option 2 ID: 94891137124

Option 3 ID: **94891137123** Option 4 ID: **94891137122** 

Status : Answered

Q.57 When was Purna Swaraj i.e. complete freedom from the British Raj declared by the Indian National Congress?

Ans

X 1. 15<sup>th</sup> August 1922

X 2. 19<sup>th</sup> December 1930

X 3. 15<sup>th</sup> August 1930

√ 4. 26<sup>th</sup> January 1930

Question ID : **9489119919** Option 1 ID : **94891139674** 

Option 2 ID: 94891139673 Option 3 ID: 94891139676 Option 4 ID: 94891139675

Status : Answered

Chosen Option: 4

Q.58 If  $\cos \theta = \cos \alpha$  then general solution for  $\theta$  is:

Ans

$$\checkmark$$
 1.  $\theta = 2n\pi \pm \alpha, n \in \mathbb{Z}$ 

$$\times$$
 2.  $\theta = \frac{3n\pi}{2} \pm \alpha$ ,  $n \in \mathbb{Z}$ 

$$\times$$
 3.  $\theta = n\pi \pm \alpha, n \in \mathbb{Z}$ 

$$\times$$
 4.  $\theta = \frac{n\pi}{2} + \alpha, n \in \mathbb{Z}$ 

Question ID: 9489119670

Option 1 ID: 94891138679

Option 2 ID: 94891138680

Option 3 ID: 94891138677

Option 4 ID : 94891138678 Status : Not Answered

- You are given two statements:
  - 1. All balloons are robins.
  - 2. No robin is a glass.

Which of the following conclusions is/are true?

- A. All robins are balloons.
- B. No balloon is a glass.

- Ans X 1. Either A or B
  - X 2. Both A and B
  - J 3. Only B
  - X 4. Only A

Question ID: 9489119297

Option 1 ID: 94891137186

Option 2 ID: 94891137185

Option 3 ID: 94891137188 Option 4 ID: 94891137187

Status: Answered

Chosen Option: 3

Q.60 A pendulum strikes 2 times in 3 s, and another pendulum strikes 5 times in 7 s. If both pendulums start striking at the same time, how many simultaneous strikes will take place in 1 min?

Ans

X 1. 4



X 3. 5

X 4. 3

Question ID: 9489119651

Option 1 ID: 94891138604

Option 2 ID: 94891138603

Option 3 ID: 94891138602

Option 4 ID: 94891138601

Status : Not Attempted and Marked For Review

Q.61 In a certain code language, HEART is written as USAFI and CLEANER is written as SFOAFMD. How will SHAMPOO be written as in that language?

Ans

X 1. PQQMBIT

X 2. TMBMQPP

X 3. PPQNBIT

√ 4. PPQMBIT

Question ID: 9489119276
Option 1 ID: 94891137101
Option 2 ID: 94891137103
Option 3 ID: 94891137104
Option 4 ID: 94891137102

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

Q.62 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:

All monkeys are donkeys. Some donkeys are horses. No horse is a monkey.

#### Conclusions:

- 1. Some horses are monkeys.
- 2. Some donkeys are not monkeys.

Ans

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

Question ID : 9489119275

Option 1 ID : 94891137099

Option 2 ID : **94891137097** Option 3 ID : **94891137098** 

Option 4 ID : 94891137100

Status: Answered

Q.63 \_\_\_\_\_ is the branch of science that aims at improving the genetic quality of human population.

Ans

- X 1. Biotechnology
- X 2. Genetics
- ✓ 3. Eugenics
- X 4 Epigenetics

Question ID: 9489119913

Option 1 ID: 94891139652

Option 2 ID: 94891139649

Option 3 ID: 94891139650

Option 4 ID : **94891139651**Status : **Answered** 

Chosen Option: 3

- Q.64 In which of the following regions is Mount Kailash situated?
- Ans
- X 1. Nepal
- X 2. Uttarakhand
- X 3. Sikkim
- 4. Tibet

Question ID: 9489119922

Option 1 ID: 94891139688

Option 2 ID: 94891139685

Option 3 ID: 94891139686

Option 4 ID: 94891139687

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

Q.65 Which of the options is NOT similar to the given combination of numbers?

(8, 15, 23, 120)

Ans

- **√** 1. (7, 14, 98, 21)
- × 2. (9, 18, 27, 162)
- X 3. (11, 12, 23, 132)
- X 4. (12, 5, 17, 60)

Question ID : 9489119294

Option 1 ID: 94891137174

Option 2 ID: 94891137176

Option 3 ID : 94891137175

Option 4 ID: 94891137173

Status : Answered

Find the value of  $\frac{1}{1.4} + \frac{1}{4.7} + \frac{1}{7.10} + \cdots + \frac{1}{47.50}$ .

- $\times$  1.  $\frac{47}{150}$
- $\times$  2.  $\frac{49}{50}$
- **√** 3.  $\frac{49}{150}$
- $\times$  4.  $\frac{47}{50}$

Question ID: 9489119644 Option 1 ID: 94891138576 Option 2 ID: 94891138573 Option 3 ID: 94891138574 Option 4 ID: 94891138575

> Not Attempted and Status: Marked For Review

Chosen Option: --

Q.67 A and B together can finish a piece of work in 10 days. B and C together can finish it in 15 days. A and C together can finish it in 18 days. In how many days will A, B and C finish it together?

Ans

- X 1. 10 days
- × 2. 7 days
- X 4. 8 days

Question ID: 9489119661 Option 1 ID: 94891138643 Option 2 ID: 94891138644 Option 3 ID: 94891138642

Option 4 ID: 94891138641 Status: Answered

Chosen Option: 3

If (m+n): (m-n) = 7:3, then  $(m^3+n^3): (m^3-n^3) = ?$ 

- Ans X 1. 117: 133
  - √ 2. 133 : 117
  - X 3. 17:133
  - X 4. 117:13

Question ID: 9489119654

Option 1 ID: 94891138613

Option 2 ID: 94891138615 Option 3 ID: 94891138616

Option 4 ID: 94891138614

Status: Answered

Q.69 In a certain code language, COCKROACH is written as CPENVRCDH and SCOOTER is written as SDQRVFR. How will MESMERIZE be written as in that language?

Ans

X 1 MFUPIJKAE

√ 2. MFUPIUKAE

X 3. MFUPIURAE

X 4. MFJPIUKAE

Question ID: 9489119277 Option 1 ID: 94891137105 Option 2 ID: 94891137107

Option 3 ID: 94891137108 Option 4 ID: 94891137106 Status: Answered

Chosen Option: 2

Q.70 A circle of radius 7 cm circumscribed an equilateral triangle. The length of the side of the equilateral triangle is:

Ans

 $\times$  1.  $7\sqrt{2}$  cm

 $\times$  2.  $5\sqrt{3}$  cm

X 3. 7 cm

 $\checkmark$  4.  $7\sqrt{3}$  cm

Question ID: 9489119672

Option 1 ID: 94891138686 Option 2 ID: 94891138688

Option 3 ID: 94891138685

Option 4 ID: 94891138687

Status : Answered Chosen Option: 4

Q.71 Solve the given equation.

$$\frac{3+\sqrt{5}}{3-\sqrt{5}}+\frac{3-\sqrt{5}}{3+\sqrt{5}}+\frac{\sqrt{5}-1}{\sqrt{5}+1}=?$$

Ans

**√** 1. 
$$\frac{17-\sqrt{5}}{2}$$

$$\times$$
 2.  $\frac{13-\sqrt{5}}{2}$ 

$$\times$$
 3.  $\frac{15-\sqrt{5}}{2}$ 

$$\times$$
 4.  $\frac{16 - \sqrt{5}}{2}$ 

Question ID: 9489119650

Option 1 ID: 94891138598

Option 2 ID: 94891138599

Option 3 ID: 94891138597

Option 4 ID: 94891138600

Status : Answered

Chosen Option: 1

Q.72 Which of the following is NOT the Indian research station in Antarctica?

Ans

1 Dakshin Gangotri

✓ 2. Himalaya

X 3. Bharati

X 4. Maitri

Question ID: 9489119932

Option 1 ID: 94891139725

Option 2 ID: 94891139727

Option 3 ID: 94891139728

Option 4 ID: 94891139726

Status : Not Attempted and Marked For Review

Q.73 Which one of the following bodies are NOT Bretton Woods institutions?

Ans

- ✓ 1. United Nations
- X 2. World Trade Organization (WTO)
- X 3. World Bank
- 4. International Monetary Fund (IMF)

Question ID: 9489119935 Option 1 ID: 94891139738 Option 2 ID: 94891139740 Option 3 ID: 94891139739 Option 4 ID: 94891139737

Status : Answered

Chosen Option: 1

Q.74 Find the total amount (in ₹) on ₹4,500 at 12% per annum for 2 years and 8 months compounded annually.

Ans

- X 1. ₹6,069.38
- √ 2. ₹6,096.38
- X 3. ₹6,095.95
- X 4. ₹6,097.28

Question ID: 9489119657

Option 1 ID: 94891138625

Option 2 ID: 94891138627

Option 3 ID : 94891138628

Option 4 ID : **94891138626** Status : **Answered** 

Chosen Option: 2

**Q.75** P is married to X who is the daughter of M. T is the paternal grandmother of O who is the son of P. S is the husband of M and W is P's father. What is the relation of O with W?

Ans

- 1 Daughter's son
- X 2. Sister's son
- X 3. Brother's son
- √ 4. Son's son

Question ID: 9489119279

Option 1 ID: 94891137113

Option 2 ID: 94891137114

Option 3 ID: 94891137116

Option 4 ID: 94891137115

Status : Answered

Q.76 VVPAT is a machine that is used in Indian elections to ensure that the citizen's vote has been correctly placed. What is the full form of VVPAT?

Ans

- Y 1. Voting Verification Paper Audit Trail
- X 2. Voter Voting Pattern Audit Tally
- X 3. Voting Verification Paper Audit Tally
- ✓ 4. Voter Verifiable Paper Audit Trail

Question ID: 9489119904

Option 1 ID: 94891139613

Option 2 ID: 94891139616 Option 3 ID: 94891139615

Option 4 ID : 94891139614

Status : Answered

Chosen Option: 3

Q.77 A number reduced by 37% becomes 315. By what percentage should it be increased so that it becomes 800?

Ans

- X 1. 63%
- √ 2. 60%
- X 3. 65%
- X 4. 62%

Question ID: 9489119656

Option 1 ID: 94891138624

Option 2 ID : 94891138621

Option 3 ID: **94891138623** Option 4 ID: **94891138622** 

Status : Answered

Chosen Option: 2

Q.78 Which one of the following software applications is NOT a part of Microsoft Office?

Ans

- X 1. Excel
  - X 2. Word
  - ✓ 3. Acrobat Reader
- X 4. PowerPoint

Question ID: 9489119937

Option 1 ID: 94891139747

Option 2 ID: 94891139745

Option 3 ID: 94891139746

Option 4 ID: 94891139748

Status : Answered

2022 Winter Olympics is scheduled to be held in the city of:

Ans

X 1. Annecy

X 2. Munich

X 3. Sapporo

Question ID: 9489119926

Option 1 ID: 94891139703

Option 2 ID: 94891139702

Option 3 ID: 94891139704

Option 4 ID: 94891139701

Status: Answered

Chosen Option: 4

Q.80 Which one of the following is the largest commercial bank in India?

√ 1 State Bank of India

X 2. ICICI

🔀 3. Punjab National Bank

X 4. Axis Bank

Question ID: 9489119939

Option 1 ID: 94891139754

Option 2 ID: 94891139753

Option 3 ID: 94891139755

Option 4 ID: 94891139756 Status: Answered

Chosen Option: 1

Rocks which have solidified from molten magma are called:

Ans

X 1 Metamorphic Rocks

X 2. Sedimentary Rocks

X 3. Phyllite Rocks

4. Igneous Rocks

Question ID: 9489119923

Option 1 ID: 94891139691

Option 2 ID: 94891139690

Option 3 ID: 94891139692 Option 4 ID: 94891139689

Status: Not Answered

Q.82 Which of the following states has the largest tribal population as per Census 2011?

Ans

- X 1. Odisha
- 🗸 2. Madhya Pradesh
- X 3. Rajasthan
- X 4. Maharashtra

Question ID: 9489119925
Option 1 ID: 94891139697
Option 2 ID: 94891139700
Option 3 ID: 94891139699
Option 4 ID: 94891139698
Status: Not Answered

Chosen Option: --

**Q.83** The speed of a bullet train is 35% more than that of an electric train. If the electric train takes 3 h 45 min for a fixed distance, what will be the time taken by the bullet train to cover the same distance?

Ans

- $\sqrt{1.2\frac{7}{9}} h$
- $\times$  2.  $12\frac{7}{9}$  h
- $\times$  3.  $2\frac{5}{9}$  h
- $\times$  4.  $7\frac{2}{9}$  h

Question ID: 9489119663 Option 1 ID: 94891138649 Option 2 ID: 94891138651 Option 3 ID: 94891138652 Option 4 ID: 94891138650

Status: Answered

Chosen Option : 1

Q.84 As per Constitution of India, if for a period of \_\_\_\_\_\_ days a member of either House of Parliament is, without permission of the House, absent from all meetings thereof, the House may declare his seat vacant.

Ans

- **1** 60
- X 2. 15
- X 3. 30
- X 4. 45

Question ID : 9489119929

Option 1 ID : 94891139716 Option 2 ID : 94891139713

Option 3 ID : 94891139714 Option 4 ID : 94891139715

Status : Answered

Q.85 The traffic lights at three different signal points change after every 35 s, 45 s and 75 s respectively. If all change simultaneously at 6:20:15 hours, then at what hours will they change again simultaneously?

Ans

**√** 1. 6:46:30

× 2. 10:30:30

X 3. 6:40:35

X 4. 8:18:20

Question ID: 9489119653 Option 1 ID: 94891138611 Option 2 ID: 94891138609

Option 3 ID : **94891138612** Option 4 ID : **94891138610** 

Status: Answered

Chosen Option : 1

**Q.86** If '-' stands for 'x', '+' stands for '+', 'x' stands for '+' and '+' stands for '-', then find the value of  $24 + 6 + 2 - 9 \times 4$ .

Ans

X 1. -8

X 2. 24

X 3. 8

**√** 4. −10

Question ID: 9489119289

Option 1 ID : 94891137155

Option 2 ID: 94891137153 Option 3 ID: 94891137154

Option 4 ID: 94891137156

Status: Answered

Chosen Option : 4

Q.87 Vicky is taller than Hrithik. Hrithik is taller than Aman. Anil is taller than Abhay. Abhay is taller than Hrithik. Who among them is the shortest?

Ans

X 1. Abhay

X 2. Anil

✓ 3. Aman

X 4. Vicky

Question ID: 9489119290

Option 1 ID: 94891137159

Option 2 ID: 94891137157

Option 3 ID: 94891137158

Option 4 ID : **94891137160**Status : **Answered** 

Q.88 Select the number from among the given options that can replace the question mark (?) in the following series.

30, 42, 56, 72, ?

Ans

X 1. 81

X 2. 88

3. 90

X 4. 100

Question ID: 9489119291

Option 1 ID: 94891137163

Option 2 ID: 94891137162 Option 3 ID: 94891137161

Option 4 ID: 94891137164

Status : Answered

Chosen Option: 3

Q.89 W and X are brothers. S is the son of X and Q. R is married to U and is the brother of Q. T and V are the children of U. P is the mother of Q and Y is the mother of X. How is T related to S?

Ans

X 1 Paternal Uncle

2. Mother's brother's son

X 3. Mother's brother

X 4 Father's brother's son

Question ID: 9489119292

Option 1 ID: 94891137168

Option 2 ID: 94891137167

Option 3 ID: 94891137166 Option 4 ID: 94891137165

Status: Answered

Chosen Option: 2

Q.90 Select the option that can replace the question mark (?) in the following series.

Z5LW, W7OY, T9RB, Q11UF, ?

Ans X 1. N15YK

√ 2. N13XK

X 3. N13XJ

X 4. N15ZK

Question ID: 9489119285

Option 1 ID: 94891137140

Option 2 ID: 94891137138 Option 3 ID: 94891137137

Option 4 ID: 94891137139

Status: Answered Chosen Option: 2

Q.91 Select the number from among the options given that is related to the fifth number in the same way as the second and fourth numbers are related to the first and third numbers respectively.

11:143::13:221::7:?

Ans

X 1. 56

X 2. 57

**3**. 77

X 4. 35

Question ID: 9489119278

Option 1 ID : **94891137111** Option 2 ID : **94891137112** 

Option 3 ID: 94891137110 Option 4 ID: 94891137109

Status : Answered

Chosen Option: 3

Q.92 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

#### Statement:

Talk to everyone politely even if your social status is high.

#### Assumptions:

I: Generally, people do not speak politely after gaining high social status.

II: One's social status might decline someday.

Ans

1 Only assumption II is implicit.

X 2. Neither I nor II is implicit.

✓ 3. Only assumption I is implicit.

X 4 Both I and II are implicit.

Question ID : 9489119282

Option 1 ID: 94891137126

Option 2 ID: 94891137128

Option 3 ID: 94891137125 Option 4 ID: 94891137127

Status : Not Answered

Q.93 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. SXC, PVB, OTA, LRZ, ?

Ans

X 1. KPP

X 2. MXC

X 3. MWP

√ 4. KPY

Question ID: 9489119284 Option 1 ID: 94891137133 Option 2 ID: 94891137136 Option 3 ID: 94891137135 Option 4 ID: 94891137134 Status: Answered

Chosen Option: 4

Q.94 A, B, C, D, E and F are six school-going children. A and B are from the Red House and the others are from the Green House. D and F are tall, unlike the others. A, C and D are boys. Which of the following is a tall girl from the Green

Ans

X 1. E

√ 2. F

X 3. D

X 4. B

Question ID: 9489119302 Option 1 ID: 94891137205 Option 2 ID: 94891137207 Option 3 ID: 94891137208 Option 4 ID: 94891137206

Status: Answered

Q.95 You are given two statements:

- 1. All rhinos are pigs.
- 2. Some flies are pigs.

Which of the following conclusions is/are true?

- A. No fly is a rhino.
- B. Some flies are rhinos.

- X 1 Neither A nor B
  - X 2. Both A and B
  - √ 3. Either A or B
  - X 4. Only B

Question ID: 9489119296

Option 1 ID: 94891137183

Option 2 ID: 94891137181

Option 3 ID: 94891137182 Option 4 ID: 94891137184

Status: Answered

You are given three statements:

- 1. All blues are bears.
- All brides are bears.
- 3. All brides are children.

Which of the following conclusions is/are true?

- A. Some children are bears.
- B. Some blues are children.
- C. Some blues are brides.
- D. Some brides are not children.

Ans X 1. Only C

X 2. All

J. Only A

X 4. Only B

Question ID: 9489119298 Option 1 ID: 94891137191

Option 2 ID: 94891137190 Option 3 ID: 94891137189 Option 4 ID: 94891137192

Status: Not Answered

Chosen Option: --

Q.97 Eight persons P, Q, R, S, T, U, V and W are going to their destination Delhi, Mumbai, Chennai, Hyderabad, Goa, Panji,  $Punjab \ and \ UP \ (not \ necessarily \ in \ the \ same \ order). \ Destination \ of \ no \ two \ persons \ is \ same. \ R \ is \ going \ to \ Goa. \ V \ is \ not$ going to Delhi, Mumbai or Punjab. S and T are going to UP and Panji respectively. P and Q are not going to Punjab or Mumbai. U is not going to Delhi or Mumbai.

Which of the following combination is definitely correct?

Ans X 1. W - Delhi

X 2. Q - Delhi

X 3. P - Delhi

√ 4. W – Mumbai

Question ID: 9489119303

Option 1 ID: 94891137212

Option 2 ID: 94891137210

Option 3 ID: 94891137209 Option 4 ID: 94891137211

Status: Not Answered

Q.98 Select the letter that can replace the question mark (?) in the following series.

C:X:D:?



X 2. X

X 3. U

Question ID : 9489119274

Option 1 ID: 94891137095

Option 2 ID: 94891137096

Option 3 ID: 94891137094 Option 4 ID: 94891137093

Status: Answered

Chosen Option: 1

Q.99 Eight persons A to H are sitting at a round table facing its center such that, G is at the immediate left of A and third to the right of D. There are two persons between A and B. C is not the immediate neighbour of B. E and F are adjacent to each other. F is not the immediate neighbour of A and D. C is immediate neighbour of G. Who is second to the left of F?

Ans

X 1. G

Question ID: 9489119299

Option 1 ID: 94891137195

Option 2 ID: 94891137194

Option 3 ID: 94891137196 Option 4 ID: 94891137193

Status: Not Answered

Q.100 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 singers are not dancers. Some dancers are artists. No artist is a magician.

- 1. Some singers are artists.
- 2. Some dancers are not magicians.
- 3. Some singers are magicians.

- 1 Both conclusions 2 and 3 follow.
- X 2. Both conclusions 1 and 3 follow.
- √ 3. Only conclusion 2 follows.
- X 4. Only conclusion 1 follows.

Question ID: 9489119280 Option 1 ID: 94891137119 Option 2 ID: 94891137120 Option 3 ID: 94891137118 Option 4 ID: 94891137117

Status: Not Answered

Chosen Option: --

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