

# 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	24/07/2021
Test Time	10:30 AM - 12:00 PM
Subject	NTPC

# \* Note

Correct Answer will carry 1 mark per Question. Incorrect Answer will carry 1/3 Negative mark.

- 1. Options shown in green color with a tick icon are correct.
- 2. Chosen option on the right of the question indicates the option selected by the candidate.

Section: NTPC

Q.1 Which of the following National Highways links Pune and Hyderabad?

Ans

X 1 NH - 24

✓ 2. NH – 9

X 3. NH - 27

X 4. NH - 7

Question ID: 94891112926

Option 1 ID: 94891151702

Option 2 ID: 94891151703

Option 3 ID: **94891151704**Option 4 ID: **94891151701** 

Status : Not Answered

Ans

X 1. 0.05

× 2. 1.5

X 3. 0.15

**√** 4. 0.1

Question ID: 94891114649

Option 1 ID: **94891158593**Option 2 ID: **94891158594**Option 3 ID: **94891158595** 

Option 4 ID : **94891158596**Status : **Answered** 

Chosen Option : 4

Q.3 WTO is a world organisation. Which of the following statements about WTO is INCORRECT?

Ans



Ngozi Okonjo-Iweala of Nigeria is the organisation's seventh Director-General.



Its top decision-making body is the Ministerial Conference.

3. Its full form is World Transport Organisation.

X 4. It deals with the rules of trade between nations.

Question ID: 94891112934

Option 1 ID: 94891151736

Option 2 ID: 94891151735

Option 3 ID: 94891151733

Option 4 ID: 94891151734

Status: Answered

Chosen Option: 3

Q.4 Which of the following is NOT a good preservative for pickles?

Ans

X 1. Sodium benzoate

2. Pepper

X 3. Salt

X 4. Sodium metabisulphite

Question ID: 94891112913

Option 1 ID: 94891151651

Option 2 ID: 94891151650

Option 3 ID: 94891151649

Option 4 ID: 94891151652

Status: Answered

What is the value of  $(2 + \sqrt{5})^4 - (2 - \sqrt{5})^4$ ?

Ans

- X 1. 96√5
- × 2. 12√5
- **√** 3. 144√5
- × 4. 120√5

Question ID: 94891114652

Option 1 ID: **94891158606** 

Option 2 ID: 94891158605

Option 3 ID: **94891158608** Option 4 ID: **94891158607** 

Status: Answered

Chosen Option: 3

Q.6 What is the basic function of estrogen?

Ans

- ★ 1. To maintain a pregnancy
- ✓ 2. To regulate the menstrual cycle
- X 3. To balance the mood
- Y 4. To develop male reproductive tissues

Question ID: 94891112916

Option 1 ID: 94891151663

Option 2 ID: 94891151662

Option 3 ID: 94891151664

Option 4 ID: 94891151661

Status: Answered

Chosen Option: 2

Q.7 Select the number from among the given options that can replace the question mark (?) in the following series.

11, 9, 18, 16, 32, ?

Ans

- X 1. 34
  - X 2. 32
  - X 3. 64
  - **4**. 30

Question ID: 94891113087

Option 1 ID: 94891152348

Option 2 ID: 94891152346

Option 3 ID: 94891152345

Option 4 ID: 94891152347

Status: Answered

Ų.o	that can be put inside the cuboid?	invery. What will be the length of the longest suck
Ans	X 1. 4 m	
	× 2. 3 m	
	9 = 9/2/20	
	× 3. 12 m	
	✓ 4. 13 m	
		Ouestion ID: 94891114664
		Option 1 ID : 94891158654
		Option 2 ID : <b>94891158653</b>
		Option 3 ID : 94891158655
		Option 4 ID : <b>94891158656</b>
		Status : <b>Answered</b> Chosen Option : <b>4</b>
Q.9	Which of the following is India's first formally launched and first in	
	missile submarine (SSBN)?	
Ans	√ 1. INS Arihant	
	× 2. INS Chakra	
	X 3. INS Vagir	
	X 4. INS Kalvari	
		Question ID: 94891112930
		Option 1 ID : 94891151717
		Option 1 ib . 94691151717

Q.10 Select the term from among the given options that can replace the question mark (?) in the following series.

24XV, 35UR, 48QM, ?

Ans

X 1. 80LG

× 2. 63MH

√ 3. 63LG

X 4. 65LH

Question ID : **94891113084** Option 1 ID : **94891152336** 

Option 3 ID : **94891151718** Option 4 ID : **94891151719** Status : **Answered** 

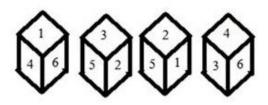
Chosen Option: 1

Option 2 ID: **94891152333** Option 3 ID: **94891152335** Option 4 ID: **94891152334** 

Status: Answered

Q.11 Read the given information and answer the question that follows.

The following are different views of the same cube.



Which of the following is definitely a pair of opposite faces?

Ans



✓ 2. 1 and 3

X 3. 5 and 3

X 4. 3 and 6

Question ID: 94891113103

Option 1 ID: 94891152412

Option 2 ID : **94891152409** Option 3 ID : **94891152411** 

Option 4 ID : 94891152410

Status: Answered

Chosen Option: 2

Q.12 Which of the following statements about the Association of Southeast Asian Nations (ASEAN) is INCORRECT?

Ans



An aim of the Association is to accelerate economic growth, social progress and cultural development in the region.

2. ASEAN was established on 8 August 1967 in Bangkok.

3. It comprises a group of ten member states as of 2019.

✓ 4. It started with three original member countries.

Question ID: 94891112935

Option 1 ID: 94891151739

Option 2 ID: 94891151738

Option 3 ID: 94891151740

Option 4 ID: 94891151737

Status: Answered

Q.13 Pisces are exclusively aquatic animals. Which of the following is NOT a characteristic of them?

Ans 1. Their hearts have only two chambers.

× 2. They obtain oxygen dissolved in water by using their gills.

√ 3. They are warm-blooded.

Y 4. Their skin is covered with scales.

Question ID: 94891112912
Option 1 ID: 94891151646
Option 2 ID: 94891151647
Option 3 ID: 94891151648
Option 4 ID: 94891151645
Status: Answered

Chosen Option: 3

Q.14 Plants are divided into groups. Which of the following is NOT one of them?

Ans X 1. Angiosperms

X 2. Gymnosperms

X 3. Thallophytes

✓ 4. Arthropoda

Question ID: 94891112911
Option 1 ID: 94891151644
Option 2 ID: 94891151643
Option 3 ID: 94891151641
Option 4 ID: 94891151642
Status: Answered

Chosen Option: 4

Q.15 The 3<sup>rd</sup> Global Potato Conclave, organised by the Indian Potato Association (IPA) in collaboration with the Indian Council of Agricultural Research (ICAR), New Delhi, and ICAR-Central Potato Research Institute, Shimla, Himachal Pradesh and International Potato Center (CIP), Lima, Peru, was held in \_\_\_\_\_ from 28<sup>th</sup> to 31<sup>st</sup> January 2021

Ans X 1. Shimla, Himachal Pradesh

X 2. Jaipur, Rajasthan

√ 3. Gandhinagar, Gujarat

X 4. Amritsar, Punjab

Question ID : 94891112908 Option 1 ID : 94891151631 Option 2 ID : 94891151629 Option 3 ID : 94891151630

Option 4 ID : 94891151632 Status : Not Answered

- ·

Q.16

is a hardware device generally located on the motherboard of a computer and acts as an internal memory of

the CPU.

Ans

√ 1. RAM

X 2. CD-ROM

X 3. Floppy

X 4. DVD-ROM

Question ID: 94891112938

Option 1 ID: 94891151749

Option 2 ID : 94891151751

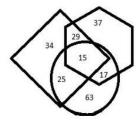
Option 3 ID: **94891151752** Option 4 ID: **94891151750** 

Status: Answered

Chosen Option: 1

Q.17 Study the given diagram and answer the question that follows.

The hexagon represents women, the circle represents writers, and the quadrilateral represents Bengali.



How many women writers are Bengali?

Ans



X 2. 40

X 3. 57

X 4. 32

Question ID: 94891113096

Option 1 ID: 94891152382

Option 2 ID : **94891152383** 

Option 3 ID: 94891152381

Option 4 ID: 94891152384

Status: Answered

S	<b>√</b> 1. 1 : 70	
	× 2. 70 : 1	
	X 3. 35:1	
	X 4. 1 : 35	
	1.33	
		Question ID : <b>94891114651</b>
		Option 1 ID : 94891158602
		Option 2 ID: 94891158601
		Option 3 ID : <b>94891158604</b>
		Option 4 ID : 94891158603
		Status : Answered
		Chosen Option : 1
	The tableau of Uttar Pradesh was adjudged the best at the Republic I  1. Narendra Modi  2. Kiren Rijiju	
	★ 1. Narendra Modi	
	<ul> <li>1. Narendra Modi</li> <li>✓ 2. Kiren Rijiju</li> <li>X 3. Anurag Thakur</li> </ul>	
	<ul> <li>1. Narendra Modi</li> <li>✓ 2. Kiren Rijiju</li> <li>X 3. Anurag Thakur</li> </ul>	Day parade in 2021. The award was given by:
	<ul> <li>1. Narendra Modi</li> <li>✓ 2. Kiren Rijiju</li> <li>X 3. Anurag Thakur</li> </ul>	Day parade in 2021. The award was given by:  Question ID: 94891112909
	<ul> <li>1. Narendra Modi</li> <li>✓ 2. Kiren Rijiju</li> <li>X 3. Anurag Thakur</li> </ul>	Question ID: 94891112909 Option 1 ID: 94891151634
	<ul> <li>1. Narendra Modi</li> <li>✓ 2. Kiren Rijiju</li> <li>X 3. Anurag Thakur</li> </ul>	Question ID: 94891112909 Option 1 ID: 9489151634 Option 2 ID: 94891151633 Option 3 ID: 94891151636 Option 4 ID: 94891151635
.19 n	<ul> <li>1. Narendra Modi</li> <li>✓ 2. Kiren Rijiju</li> <li>X 3. Anurag Thakur</li> </ul>	Question ID : 94891112909 Option 1 ID : 94891151634 Option 2 ID : 94891151633 Option 3 ID : 94891151636

Ans X 1.

It is built upon four grand arches facing North, South, East and West.

The ratio of the HCF to the LCM of numbers 10, 25 and 35 is:

2. It was built by Mohammed Quli Qutb Shah, in 1591.

X 3. It marked the end of the plague in the city.

**4**.

The arches support four floors of rooms and a gallery of archways.

Question ID: 94891112910 Option 1 ID: 94891151638 Option 2 ID: 94891151639 Option 3 ID: 94891151637 Option 4 ID: 94891151640

Status : Answered

Ans X 1. 5 X 2. 3 **3**. 1 X 4. 6 Question ID: 94891114670 Option 1 ID: 94891158679 Option 2 ID: 94891158678 Option 3 ID: 94891158677 Option 4 ID: 94891158680 Status: Answered Chosen Option: 3 **Q.22** The equation of a line which passes through a point (1, 5) and perpendicular to the line x - y = 5, is: Ans  $\sqrt{1} x + y = 6$ x = 2. x - y = 4 $\times$  3. y - x = 4 $\times$  4. x - y = 6

Q.21 Mean of the given observations x + 1, x + 3, x + 5, x + 7 and x + 9 is 6, then value of x is:

Question ID: 94891114669 Option 1 ID: 94891158675 Option 2 ID: 94891158674 Option 3 ID: 94891158673 Option 4 ID: 94891158676 Status: Answered

Chosen Option: 1

Q.23 Which of the following statements with reference to the Indian Freedom Struggle is INCORRECT?

Ans

**X** 1.

The Mutiny of 1857 is regarded as the First War of Independence.

**2**.

Sheikh Mujibur Rahman played an important role in the freedom struggle of India.

3. The Simon Commission arrived in Bombay in 1928.

**X** 4.

Bhagat Singh, Sukh Dev and Rajguru were executed in March 1931.

Question ID: 94891112919
Option 1 ID: 94891151676
Option 2 ID: 94891151673
Option 3 ID: 94891151675
Option 4 ID: 94891151674
Status: Answered

Q.24 If the mean of observations  $x_1, x_2, x_3, ..., x_n$  is  $\bar{x}$ , then:

Ans

$$\times 2. \sum_{i=1}^{n} (\bar{x} - x_i) = 0$$

$$\times$$
 3.  $\sum_{i=1}^{n} (x_i - \bar{x})^2 = 0$ 

$$\checkmark 4. \sum_{i=1}^{n} (x_i - \bar{x}) = 0$$

Question ID: 94891114673

Option 1 ID: 94891158689

Option 2 ID: 94891158690

Option 3 ID: **94891158691** Option 4 ID: **94891158692** 

Status : Answered

Chosen Option : 2

Q.25 Which of the following statements with respect to the Jallianwala Bagh incident is INCORRECT?

Ans



The Jallianwala Bagh incident was a result of the Rowlatt Act of March 1919, which authorised the government to imprison without a trial.



The incident took place on 13 April 1919, when the public had gathered at Jallianwala Bagh with an agenda.



The Jallianwala Bagh incident was followed by the Chauri Chaura incident, where a large group of protesters clashed with the police.



Brigadier-General Dyer opened fire at the people gathered, without giving any notice.

Question ID: 94891112918

Option 1 ID: 94891151672

Option 2 ID: 94891151669

Option 3 ID : **94891151670** 

Option 4 ID: 94891151671

Status: Answered

Q.26 There are different types of Bills introduced in the Lok Sabha. Which of the following is/are NOT one of them?

Ans

1. Revenue Bill

2. Financial Bills

X 3. Money Bills

X 4. Ordinary Bills

Question ID: 94891112928
Option 1 ID: 94891151711
Option 2 ID: 94891151710
Option 3 ID: 94891151712
Option 4 ID: 94891151709
Status: Answered

Chosen Option: 1

Q.27 The cube root of 250 lies between:

Ans X 1. 4 and 5

X 2. 5 and 6

X 3. 7 and 8

√ 4. 6 and 7

Question ID : 94891114653 Option 1 ID : 94891158609 Option 2 ID : 94891158610 Option 3 ID : 94891158612 Option 4 ID : 94891158611 Status : Answered

Chosen Option: 4

Q.28 What is the angle between two lines x + y = 2 and x - y = 7?

Ans X 1. 30°

X 2. 60°

**√** 3. 90°

X 4. 45°

Question ID: 94891114668

Option 1 ID: 94891158669

Option 2 ID: 94891158671

Option 3 ID: 94891158672

Option 4 ID: 94891158670

Status: Answered

Q.29 PARAM Siddhi refers to:

Ans

X 1. agricultural implements

X 2. a nuclear reactor

X 3. industrial piercing

4. an Artificial Intelligence supercomputer

Question ID : **94891112937** Option 1 ID : **94891151745** 

Option 2 ID : **94891151747** Option 3 ID : **94891151748** Option 4 ID : **94891151746** 

Status: Answered

Chosen Option: 4

Q.30 If the first and last letters in the word 'ZIGZAGGING' were interchanged, and the same was done with the second and ninth letters, the third and eighth letters, and so on, then which letter will be the fifth letter from the right end?

Ans

X 1. I

X 2. Z

**√** 3. **A** 

X 4. N

Question ID: 94891113086

Option 1 ID: 94891152344 Option 2 ID: 94891152343

Option 3 ID : **94891152342** 

Option 4 ID: 94891152341 Status: Answered

Chosen Option: 3

Q.31 Which of the following statements about the third phase of Pradhan Mantri Kaushal Vikas Yojana launched in January 2021, is INCORRECT?

Ans



It was spearheaded by the Ministry of Skill Development and Entrepreneurship.

× 2. It was launched in 600 districts across the country.

**3**.

It looked at training of eight lakh candidates over a scheme period from 2020 to 2030.



More than 200 industrial training institutes under Skill India rolled out PMKVY 3.0 training to build a robust pool of skilled professionals.

Question ID: 94891112942

Option 1 ID: 94891151766

Option 2 ID: 94891151767

Option 3 ID: 94891151765 Option 4 ID: 94891151768

Status : Answered

Q.32 In between the Rabi and Kharif seasons, there is a short season known as:

Ans

✓ 1. the Zaid season

X 2. the Junaid season

X 3. the Maize season

X 4. the Rice season

Question ID: 94891112923

Option 1 ID: 94891151691

Option 2 ID: 94891151689

Option 3 ID: 94891151692

Option 4 ID: **94891151690** Status: **Answered** 

Chosen Option: 1

Q.33

If  $\left(\frac{2}{3}\right)^{x+1} = \left(\frac{3}{2}\right)^{x-1}$  then x = ?

Ans

X 1. 3

X 2. 2

**X** 3. −1

**4**. 0

Question ID: 94891114646

Option 1 ID: 94891158583

Option 2 ID: 94891158581

Option 3 ID: **94891158584** Option 4 ID: **94891158582** 

Status: Answered

Chosen Option: 4

Q.34 Ram and Shyam can complete a task in 12 and 15 days separately. Both together start doing the task. Shyam leaves the task after 5 days. In how many days will Ram complete the remaining work?

Ans

X 1. 15

X 2. 12

**3**. 3

X 4. 5

Question ID: 94891114661

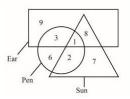
Option 1 ID: **94891158641** 

Option 2 ID: 94891158642

Option 3 ID: 94891158644

Option 4 ID: **94891158643**Status: **Answered** 

**Q.35** Study the given diagram and answer the question that follows. The numbers in the diagram represent the counts in that particular category.



How many Suns are Ears?

Ans









Question ID: 94891113098

Option 1 ID : **94891152389** Option 2 ID : **94891152392** 

Option 3 ID: **94891152390** Option 4 ID: **94891152391** 

Status: Answered

Chosen Option: 4

Q.36 Radha sold a watch at the loss of 10%. If she had sold that watch for ₹120 more, she would have gained 10%. The cost price of the watch is:

Ans



× 2. ₹800

**X** 3. ₹500

X 4. ₹700

Question ID: 94891114660

Option 1 ID: 94891158638

Option 2 ID: **94891158640** Option 3 ID: **94891158637** 

Option 4 ID : **94891158639** 

Status: Answered

Q.37 B is A's mother.

C is D's brother.

There are three married couples - B and C; D and E; F and G

F is the father-in-law of E.

How is B related to G?

Ans

X 1. Son's daughter

X 2. Mother

√ 3. Son's wife

X 4. Daughter

Question ID: 94891113075

Option 1 ID: **94891152298** Option 2 ID: **94891152299** 

Option 3 ID : **94891152300** 

Option 4 ID: 94891152297

Status: Answered

Chosen Option: 3

Q.38 In a certain code language, LIFE is written as GHKN. How will PORT be written as in that language?

Ans

X 1. RQVT

X 2. QPSU

X 3. USPQ

√ 4. VTQR

Question ID: 94891113078

Option 1 ID: 94891152309

Option 2 ID: 94891152310

Option 3 ID: 94891152311

Option 4 ID : 94891152312

Status: Answered

Q.39 Select the option in which the two words share a different relationship from that shared by the two words in the rest of the options.

Ans

- ✓ 1. Big-Large
- X 2. Heavy-Light
- X 3. Cruel-Kind
- X 4. Good-Bad

Question ID: 94891113093

Option 1 ID: 94891152371 Option 2 ID: 94891152372

Option 3 ID: 94891152370 Option 4 ID: 94891152369

Status: Answered

Chosen Option: 1

Q.40 B is Y's father. Q is the daughter of C. C is the sister of B. How is B related to Q?

Ans

- √ 1. Mother's brother
- X 2. Mother's father
- X 3. Brother
- X 4. Father's brother

Question ID: 94891113074

Option 1 ID: 94891152294

Option 2 ID: 94891152293

Option 3 ID: 94891152296

Option 4 ID: 94891152295 Status: Answered

Chosen Option: 1

Q.41 If  $9 \times \log(x) = \log(9) + \log(27) + \log(81)$ , then x = ?

- Ans 🗸 1. 3
  - X 2. 2
  - X 3. 4
  - X 4. 1

Question ID: 94891114666

Option 1 ID: 94891158663

Option 2 ID: 94891158662

Option 3 ID: 94891158664

Option 4 ID: 94891158661

Status: Answered

,	× 2. Rivers	
	✓ 3. Dams	
	X 4. Forests	
	Tolesis	
		Question ID: 94891112922 Option 1 ID: 94891151687 Option 2 ID: 94891151685 Option 3 ID: 94891151688 Option 4 ID: 94891151686 Status: Answered Chosen Option: 3
		Silozon Spilon V
Q.43 A	s per the Constitution of India, who does NOT form the Cou	ncil of Ministers?
Ans	★ 1. Ministers who are members of Cabinet	
	× 2. Ministers of State	
	X 3. Deputy Ministers	
	✓ 4. Ministers of local government	
	• Nimisters of focul government	
		Question ID : 94891112927
		Option 1 ID : <b>94891151707</b>
		Option 2 ID : 94891151706
		Option 3 ID : 94891151708
		Option 4 ID : 94891151705
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Choch option: 2
	vo trains are moving in opposite directions with the speeds of $60 \text{ km/h}$ and $25 \text{ m/s}$ respective the second train with respect to a man sitting in the first train?	ly. What will be the speed
Ans	× 1. 35 km/h	
7	× 2. 30 km/h	
	× 3. 85 km/h	
	✓ 4. 150 km/h	
		Question ID : <b>94891114662</b>
		Option 1 ID : 94891158646
		Option 2 ID : 94891158647
		Option 3 ID : 94891158645
		Option 4 ID : 94891158648
		Status : Answered

Chosen Option : 3

Q.42 According to Jawaharlal Nehru, what are known as the 'temples of modern India''?

X 1. Lakes

Ans

Q.45 What is the sum of  $1 + 2 + 3 + \dots + 49 + 50$ ?

Ans 1. 2525

X 2. 5050

**√** 3. 1275

X 4. 2550

Question ID: 94891114644
Option 1 ID: 94891158575
Option 2 ID: 94891158573
Option 3 ID: 94891158576
Option 4 ID: 94891158574
Status: Answered

Chosen Option: 3

Q.46 Chandrayaan-2 was launched on 22 July 2019. Which of the following about it is INCORRECT?

Ans X 1

It was the second lunar exploration mission developed by ISRO.

**2**.

The goal of the mission was to explore the North Pole of the moon.

**X** 3.

It was launched from the Satish Dhawan Space Centre, Sriharikota.

X 4. It brought together an Orbiter, Lander and Rover.

Question ID: 94891112931
Option 1 ID: 94891151723
Option 2 ID: 94891151724
Option 3 ID: 94891151721
Option 4 ID: 94891151722
Status: Answered

Q.47

What is the sum of fractional numbers  $1\frac{5}{7}$  and  $1\frac{2}{5}$ ?

Ans

- $\times$  1. 3  $\frac{4}{25}$
- × 2. 3  $\frac{4}{49}$
- **√** 3. 3  $\frac{4}{35}$
- $\times$  4.  $3\frac{5}{35}$

Question ID: 94891114645

Option 1 ID : 94891158578

Option 2 ID: **94891158577** Option 3 ID: **94891158579** 

Option 4 ID: 94891158580

Status: Answered

Chosen Option: 3

Q.48 What information about Engineers India Limited (EIL) is INCORRECT?

Ans

- ★ 1. It comes under the Ministry of Petroleum and Natural Gas.
- **X** 2.

It is credited with establishing 11 of 12 mega petrochemical complexes in India.

**3** 

It is a private sector undertaking of the Government of India.

**X** 4.

It developed a state-of-the-art sports complex for the Commonwealth Games 2010 at the University of Delhi.

Question ID: 94891112939

Option 1 ID: 94891151753

Option 2 ID: 94891151755

Option 3 ID: 94891151754

Option 4 ID : 94891151756

Status: Answered

> Question ID: 94891112921 Option 1 ID: 94891151684 Option 2 ID: 94891151681 Option 3 ID: 94891151682 Option 4 ID: 94891151683 Status: Answered

Chosen Option: 3

Q.50 The radius and height of a solid cylinder are 6 m and 5 m. How many solid spheres of radius 3 m can be formed from that cylinder?

Ans







X 4. 8

Question ID: 94891114665
Option 1 ID: 94891158660
Option 2 ID: 94891158658
Option 3 ID: 94891158657
Option 4 ID: 94891158659
Status: Answered

Chosen Option: 2

Q.51 Which of the following statements about Aurangzeb is INCORRECT?

Ans



Aurangzeb's death led to the collapse of the Mughal empire in the mid-18<sup>th</sup> century.

2. He was the second son of Shah Jahan and Mumtaz Mahal.

X 3. He was also known as Alamgir.



In his struggle for power, Aurangzeb decisively defeated his brother Dārā in a battle and confined his father in his own palace at Agra.

Question ID: 94891112917 Option 1 ID: 94891151666 Option 2 ID: 94891151668 Option 3 ID: 94891151665 Option 4 ID: 94891151667 Status: Answered

Question ID: 94891114663 Option 1 ID: 94891158650 Option 2 ID: 94891158649 Option 3 ID: 94891158652 Option 4 ID: 94891158651 Status: Answered Chosen Option: 2 Q.53 What is the value of  $20 - [16 \div \{25 \div 5 - 2 \times (12 - 20 \div 2)\}]$ ? Ans X 1. 2 X 2. 3 **3**. 4 X 4. 1 Question ID: 94891114648 Option 1 ID: 94891158590 Option 2 ID: 94891158591 Option 3 ID: 94891158592 Option 4 ID: 94891158589 Status: Answered Chosen Option: 3 Q.54 Bhabha Atomic Research Centre (BARC), Mumbai announced in January 2021 that it has 'evolved' the design for the country's first public-private partnership research reactor for production of \_ Ans ★ 1 medical radiology X 2. radiography medicines √ 3. nuclear medicines X 4. diagnostic medicines Question ID: 94891112932

> Option 1 ID: 94891151728 Option 2 ID: 94891151725 Option 3 ID: 94891151727 Option 4 ID: 94891151726 Status: Answered

Chosen Option: 3

Q.52 A train of length 250 m crosses a man in 10 s. What is the speed of train?

Ans

1. 75 km/h
2. 90 km/h
3. 45 km/h
4. 60 km/h

Q.55 If a + b = ab then a : b = ?

- Ans  $\times$  1. b:1
  - $\checkmark$  2. 1: b-1
  - $\times$  3. 1 : b
  - $\times$  4. b-1:1

Question ID: 94891114658

Option 1 ID: 94891158631

Option 2 ID: 94891158630

Option 3 ID: 94891158632

Option 4 ID: 94891158629

Status: Not Answered

Chosen Option: --

Q.56 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.







Ans

- X 1. 196
  - X 2. 96
  - **3**. 100
  - X 4. 144

Question ID: 94891113085

Option 1 ID: 94891152337

Option 2 ID: 94891152340

Option 3 ID: 94891152339

Option 4 ID: 94891152338

Status: Answered

Chosen Option: 3

Q.57 Select the option in which the words share the same relationship as that shared by the given pair of words.

Zero: Number

Ans

X 1. Breeze : Storm

√ 2. Jupiter : Planet

X 3. Plant : Animal

X 4. Temperature : Celsius

Question ID: 94891113083

Option 1 ID: 94891152329

Option 2 ID: 94891152332

Option 3 ID: 94891152331

Option 4 ID: 94891152330

Status: Answered

Q.58 Chandra Gupta Maurya was the founder of the Maurya Dynasty. Which of the following statements regarding his rule in the History of India is INCORRECT?

Ans



Chandra Gupta Maurya is credited with the setting up of the first nearly pan-Indian Empire.



2. Bairam Khan was his best ally, mentor, and guide.



Archaeological evidence of the empire shows existence of a number of towns and cities, the most prominent being the capital city of Pataliputra.



He met Alexander and served in his army so as to learn the Macedonian way of warfare.

Question ID: 94891112920 Option 1 ID: 94891151679 Option 2 ID: 94891151677 Option 3 ID: 94891151680 Option 4 ID: 94891151678 Status: Answered

Chosen Option: 2

Q.59 The following statement applies to which law from the given options?

'The line that joins any planet to the sun sweeps equal areas in equal intervals of time.'

Ans

X 1 Law of Motion

X 2. Law of Orbits

X 3. Law of Periods

4. Law of Areas

Question ID: 94891112915 Option 1 ID: 94891151660 Option 2 ID: 94891151658 Option 3 ID: 94891151659 Option 4 ID: 94891151657 Status: Answered

Chosen Option: 2

Q.60 If x + y = 40 and x - y = 20, then the HCF of x and y is:

Ans X 1. 30

X 2. 40

X 3. 20

4. 10

Question ID: 94891114650 Option 1 ID: 94891158599

Option 2 ID: 94891158600 Option 3 ID: 94891158598 Option 4 ID: 94891158597

Status: Answered

Q.61 We should consider the value of final goods only while estimating GDP because:

Ans

X 1. it increases the cost



the value of intermediate goods includes the value of final goods

3. It promotes production process in the economy.

the value of final goods already includes the value of intermediate goods

Question ID : **94891112940** Option 1 ID : **94891151757** 

Option 2 ID: **94891151758**Option 3 ID: **94891151760**Option 4 ID: **94891151759** 

Status : **Answered** 

Chosen Option: 4

If  $sec\theta + tan\theta = 2 + \sqrt{3}$ , then  $cos\theta = ?$ 

Ans

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

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

Question ID: 94891114671

Option 1 ID: 94891158684

Option 2 ID: 94891158682

Option 3 ID: 94891158683

Option 4 ID: 94891158681

Status: Answered

Q.63 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:

- 1. Some picks are locks.
- 2. No locks are rocks.

- A. Some picks are rocks.
- B. All picks are rocks.

Ans

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

Question ID: 94891113082 Option 1 ID: 94891152326 Option 2 ID: 94891152325 Option 3 ID: 94891152327 Option 4 ID: 94891152328

Status: Answered

Chosen Option: 2

Q.64 Endemic species are those species of plants and animals which:

- X 1 are found roaming freely in cities anywhere in the world
  - × 2. are dangerous to the environment
  - 3. are found exclusively in a particular area
  - 4 are dependent on air and water for survival

Question ID: 94891112914

Option 1 ID: 94891151656

Option 2 ID: 94891151655

Option 3 ID: 94891151653

Option 4 ID: 94891151654

Status: Answered

Q.65 The value of  $\sqrt{0.0121} + \sqrt[3]{0.008}$  is:

Ans

X 1. 0.11

X 2. 0.2

**✓** 3. 0.31

X 4. 0.21

Question ID: 94891114647

Option 1 ID: 94891158585

Option 2 ID: 94891158586

Option 3 ID: 94891158588 Option 4 ID: 94891158587

Status: Answered

Chosen Option: 3

Q.66 Which Grand Slam Tennis Tournament did NOT take place in 2020 due to the pandemic?

Ans

X 1. Australian Open

✓ 2. Wimbledon

X 3. French Open

X 4. US Open

Question ID: 94891112905

Option 1 ID: 94891151617

Option 2 ID: 94891151618

Option 3 ID: 94891151619

Option 4 ID: 94891151620 Status: Answered

Chosen Option: 2

Q.67 If x + y = -2, then  $x^3 + y^3 - 6xy = ?$ 

Ans 🗙 1. -4

**√** 2. −8

X 3. 8

X 4. 4

Question ID: 94891114667

Option 1 ID: 94891158668

Option 2 ID: 94891158665

Option 3 ID: 94891158666

Option 4 ID: 94891158667

Status: Answered

Q.68 What is  $\frac{2}{5}$  as a percentage?

Ans

**1.** 40%

X 2. 50%

X 3. 75%

X 4. 20%

Question ID: 94891114655 Option 1 ID: 94891158618 Option 2 ID: 94891158619 Option 3 ID: 94891158620 Option 4 ID: 94891158617 Status: Answered

Chosen Option: 1

Q.69 If  $x^2 : 18 :: 12 : x$  then x = ?

Ans X 1. 3

X 2. 5

**X** 3. 4

Question ID: 94891114654 Option 1 ID: 94891158613 Option 2 ID: 94891158615 Option 3 ID: 94891158614 Option 4 ID: 94891158616

Status: Answered

Chosen Option: 4

Q.70 In a certain code language, INTRODUCED is written as RMGILWFXVW. How will POPULATION be written as in that language?

Ans

X 1. KFLKOZRGLM

X 2. KLKFOZGLRM

X 3. KLKFOZLGRM

✓ 4. KLKFOZGRLM

Question ID: 94891113077

Option 1 ID: 94891152306

Option 2 ID: 94891152307

Option 3 ID: 94891152308

Option 4 ID: 94891152305

Status: Answered

Q.71 If L is coded as 15 and O is coded as 12, then which of the following options will be the code for LESSON?

Ans

X 1. 1522881214

√ 2. 1522881213

X 3. 1521881213

X 4. 1522871213

Question ID: 94891113080

Option 1 ID: 94891152318

Option 2 ID: 94891152317

Option 3 ID: 94891152319

Option 4 ID: 94891152320

Status: Answered

Chosen Option: 1

Q.72 Alt + Tab is a shortcut:

Ans

X 1. to open edit options in the current programme

√ 2. to switch between open programmes

X 3. to cut a selected item

X 4. to open file menu options in the current programme

Question ID: 94891112936

Option 1 ID: 94891151742

Option 2 ID: 94891151744

Option 3 ID: 94891151743

Option 4 ID: 94891151741

Status: Answered

Chosen Option: 2

Q.73 What is the value of  $\tan (15^\circ)$ ?

Ans 
$$\times 1. \sqrt{3} - 2$$

$$\times$$
 2.  $-\sqrt{3}-2$ 

$$\checkmark$$
 3. 2 −  $\sqrt{3}$ 

$$\times$$
 4. 2 +  $\sqrt{3}$ 

Question ID: 94891114672

Option 1 ID: 94891158687

Option 2 ID: 94891158688

Option 3 ID: 94891158685

Option 4 ID: 94891158686

Status: Answered

**Q.74** The Parliament does not have the power to legislate on the subjects in List 2 of the Seventh Schedule. Which of the following is an EXCEPTION to this general law?

Ans

1. If the Prime Minister asks the Parliament to do so

X 2. If the Judiciary asks the Parliament to do so

3. If the Governor of the state certifies the requirement

4. If the Rajya Sabha passes a resolution to this effect

Question ID: 94891112929
Option 1 ID: 94891151715
Option 2 ID: 94891151714
Option 3 ID: 94891151716
Option 4 ID: 94891151713
Status: Answered

Chosen Option: 4

Q.75 What is the name of the stranded giant container ship, which was freed from the banks of the Suez Canal on 29 March 2021?

Ans

X 1 Ever Green

✓ 2. Ever Given

X 3. Ever Patron

X 4. Ever Supporter

Question ID: 94891112906 Option 1 ID: 94891151624 Option 2 ID: 94891151621 Option 3 ID: 94891151623

Option 4 ID : **94891151622**Status : **Answered** 

Chosen Option: 1

Q.76 A population of tumor cells has a constant growth at the rate of 5% per second. If the present population is 400 cells, what will be its population after two seconds?

Ans

X 1. 410 cells

× 2. 405 cells

X 3. 440 cells

Question ID: 94891114656 Option 1 ID: 94891158622

Option 1 ID : 94891158622 Option 2 ID : 94891158621

Option 3 ID : **94891158623** 

Option 4 ID: **94891158624** Status: **Answered** 

√ 4. ₹2,648 Question ID: 94891114659 Option 1 ID: 94891158636 Option 2 ID: 94891158633 Option 3 ID: 94891158634 Option 4 ID: 94891158635 Status: Answered Chosen Option: 4 Q.78 Ishan makes profit of 10% by selling a dress. If he had sold it for ₹150 less, Ishan would have been at the loss of 5%. What is the cost price of the dress? Ans √ 1. ₹1000 × 2. ₹500 × 3. ₹750 X 4. ₹1250 Question ID: 94891114657 Option 1 ID: 94891158627 Option 2 ID: 94891158625 Option 3 ID: 94891158626 Option 4 ID: 94891158628 Status: Answered Chosen Option: 1 Q.79 Who was conferred the Lifetime Achievement Award at the India International Film Festival of Boston in October Ans X 1 Irrfan Khan X 2. Nana Patekar X 3. Shabana Azmi 4. Om Puri Question ID: 94891112904 Option 1 ID: 94891151613 Option 2 ID: 94891151615 Option 3 ID: 94891151614 Option 4 ID: 94891151616 Status: Answered Chosen Option: 1

Q.77 What is the compound interest on 38,000 for  $1\frac{1}{2}$  years at 21% per annum compounded annually?

X 1. ₹2,628 X 2. ₹2,580

X 3. ₹2,520

Q.80 Pradhan Mantri Garib Kalyan Rojgar Abhiyan is a flagship programme by the Government of India, as of September 2020. Which of the following is NOT a feature of it?

Ans



To facilitate employment of migrant workers who have gone back to their home states.



Many projects involving migrant workers have also been initiated for building of roads, highways, etc.

√ 3. It has been initiated in 11 districts in Mission Mode.



Under this campaign, rural infrastructure would be built with the involvement of migrant workers.

Question ID: 94891112943
Option 1 ID: 94891151769
Option 2 ID: 94891151772
Option 3 ID: 94891151771
Option 4 ID: 94891151770
Status: Answered

Chosen Option: 3

Q.81 As of August 2020, NHAI of India has set the timeline for a network of expressways and economic corridors for 2023-2025. Which of the following are NOT schedules for completion in 2023?

Ans

X 1. Ahmedabad – Dholera

X 2. Delhi – Mumbai

🔀 3. Amritsar – Jamnagar

√ 4. Chennai – Salem

Question ID: 94891112941
Option 1 ID: 94891151762
Option 2 ID: 94891151761
Option 3 ID: 94891151763
Option 4 ID: 94891151764
Status: Answered

Chosen Option: 4

Q.82 On the occasion of women's day 2021, Nita Ambani launched a social media and networking platform for women called

Ans

X 1. Women Love

√ 2. Her Circle

X 3. Women Circle

X 4. She Circle

Question ID: 94891112907 Option 1 ID: 94891151628 Option 2 ID: 94891151627 Option 3 ID: 94891151626 Option 4 ID: 94891151625 Status: Answered

Q.83	When is World Bicycle Day globally celebrated?
Ans	X 1. 6 June
	★ 2. 4 May
	★ 3. 6 May
	√ 4. 3 June

Question ID: 94891112933 Option 1 ID: 94891151730 Option 2 ID: 94891151729 Option 3 ID: 94891151732 Option 4 ID: 94891151731 Status: Not Answered

Chosen Option: --

Q.84 The tributaries of rivers Ganga and Brahmaputra together form the Ganga-Brahmaputra basin in the Indian subcontinent. Which of the following is NOT a feature of the river basin?

Ans

- 1. Ox-bow lakes dot the plain area.
- ✓ 2. In the south is the Sundarbans Delta.
- X 3. It's a fertile area that includes most of north and east India.

It is bound on the north by mountains and the foothills of the Himalayas.

Question ID: 94891112925 Option 1 ID: 94891151700 Option 2 ID: 94891151697 Option 3 ID: 94891151698 Option 4 ID: 94891151699 Status: Answered

Chosen Option: 1

Q.85 Which soil is well known for its capacity to hold moisture?

- Ans X 1. Laterite soil
  - X 2. Alluvial soil
  - X 3. Arid soil
  - ✓ 4. Black soil

Question ID: 94891112924

Option 1 ID: 94891151693

Option 2 ID: 94891151695

Option 3 ID: 94891151696

Option 4 ID: 94891151694

Status: Answered

### Q.86 Read the given information and answer the question that follows.

Mery and Therry's marks in a test are given in the following table. The test had 5 questions each carrying 10 marks.

Question No.	1	2	3	4	5
Mery's Marks	10	9	8	6	8
Therry's Marks	5	7	10	9	9

If 84% marks were required to achieve distinction in the given test, by how many marks did Therry miss the distinction?

Ans









Question ID: 94891113089

Option 1 ID: 94891152353

Option 2 ID : 94891152354

Option 3 ID : **94891152355** Option 4 ID : **94891152356** 

Status: Answered

Chosen Option: 3

## Q.87 Read the given information and answer the question that follows.

Mery and Therry's marks in a test are given in the following table. The test had 5 questions each carrying 10 marks.

	Question No.	1	2	3	4	5
0	Mery's Marks	10	9	8	6	8
	Therry's Marks	5	7	10	9	9

What is the ratio of Mery and Therry's marks together in question 1 to Mery and Therry's marks together in question 3?

Ans



X 2. 7:6

**√**3.5:6

X 4. 3:5

Question ID: 94891113090

Option 1 ID: 94891152357

Option 2 ID: **94891152359** Option 3 ID: **94891152358** 

Option 4 ID : **94891152360** 

Status : Answered

### Q.88 Read the given information and answer the question that follows.

Mery and Therry's marks in a test are given in the following table. The test had 5 questions each carrying 10 marks.

Question No.	1	2	3	4	5
Mery's Marks	10	9	8	6	8
Therry's Marks	5	7	10	9	9

What is the average of the marks obtained by Therry in the 5 questions?

Ans









Question ID: 94891113091

Option 1 ID: 94891152363

Option 2 ID : **94891152364** 

Option 3 ID: **94891152361** Option 4 ID: **94891152362** 

Status: Answered

Chosen Option: 1

Q.89 Read the given information and answer the question that follows.

Mery and Therry's marks in a test are given in the following table. The test had 5 questions each carrying 10 marks.

Question No.	Î.	2	3	4	5
Mery's Marks	10	9	8	6	8
Therry's Marks	5	7	10	9	9

If the minimum passing percentage for each question was 70%, then, Mery did not pass \_\_\_\_\_ number of questions and Therry did not pass \_\_\_\_\_ number of questions.

Ans

√ 1. 1, 1, respectively

X 2. 1, 2, respectively

X 3. 1, 0, respectively

X 4. 0, 1, respectively

Question ID: 94891113092

Option 1 ID: 94891152368

Option 2 ID: **94891152365** Option 3 ID: **94891152366** 

Option 4 ID: 94891152367

Status: Answered

X 2. 9B6 √ 3. 13B2 X 4. 13A6 Question ID: 94891113095 Option 1 ID: 94891152380 Option 2 ID: 94891152378 Option 3 ID: 94891152379 Option 4 ID: 94891152377 Status: Answered Chosen Option: 3 Q.91 Select the number from among the given options that can replace the question mark (?) in the following series. 2, 4, 10, 30, 105, ? X 1. 315 Ans X 2. 525 X 3. 210 √ 4. 420 Question ID: 94891113088 Option 1 ID: 94891152351 Option 2 ID: 94891152352 Option 3 ID: 94891152349 Option 4 ID: 94891152350 Status: Answered Chosen Option: 1 Q.92 Select the words from among the given options that will replace the question marks in the given analogy, so that the relationship between the first term and the second term is the same as between the third term and the fourth term. Cobbler: ?:: ?: Gold Ans X 1. Goldsmith: Ornament ✓ 2. Leather; Jeweller X 3. Merchant; Grain X 4. Shoe; Bride Question ID: 94891113076 Option 1 ID: 94891152304 Option 2 ID: 94891152301 Option 3 ID: 94891152303 Option 4 ID: 94891152302

Status: Marked For Review

Chosen Option: 4

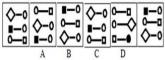
Q.90 Select the term from among the given options that can replace the question mark (?) in the following series.

3L12, 5J10, 7H8, 9F6, 11D4, ?

X 1. 13B4

Ans

Q.93 The following six figures form a logical series except that one among A, B, C and D is incorrect. Identify the incorrect



Ans

√ 1. D

X 2. B

X 3. C

X 4. A

Question ID: 94891113100

Option 1 ID: 94891152400

Option 2 ID: 94891152398 Option 3 ID: 94891152399

Option 4 ID: 94891152397

Status: Answered

Chosen Option: 1

Q.94 If 96 \$ 24 @ 12 = 16, and 21 @ 57 \$ 19 = 24, then 36 \$ 6 @ 54 = ?

Ans 🗸 1. 60

X 2. 66

X 3. 64

X 4. 62

Question ID: 94891113097

Option 1 ID: 94891152385

Option 2 ID: 94891152388

Option 3 ID: 94891152387

Option 4 ID: 94891152386

Status: Answered

Chosen Option: 1

Q.95 If 'B' means '+', 'D' means '-', 'C' means '+' and 'A' means '×', then what will be the value of the following expression?

10A4D16B2C6

Ans

X 1. 20

**2**. 38

X 3. 18

X 4. 24

Question ID: 94891113081

Option 1 ID: 94891152323

Option 2 ID: 94891152322

Option 3 ID: 94891152321

Option 4 ID: 94891152324 Status: Answered

Q.96	In a test paper, correct answers fetch three marks and there is a penalty of one mark for each wrong answer. A student who attempts 76 questions gets 144 marks. How many questions did the student get right?
Ans	<b>√</b> 1. 55
	× 2. 58



Question ID: 94891113099 Option 1 ID: 94891152395 Option 2 ID: 94891152394 Option 3 ID: 94891152393 Option 4 ID: 94891152396 Status: Answered

Chosen Option: 1

Q.97 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:

- 1. All professors are heroes.
- 2. Some professors are bachelors.

### Conclusions:

- I. All heroes are bachelors.
- II. Some bachelors are heroes.

Ans

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

Question ID: 94891113094 Option 1 ID: 94891152373 Option 2 ID: 94891152375 Option 3 ID: 94891152376 Option 4 ID: 94891152374 Status: Answered

Q.98 P drives 6 km towards east from his office. He then drives 1 km south to reach the library, turns left and drives 2 km to reach the clinic, turns left and drives 2 km to reach the market, turns right and drives 1 km to reach his father-in-law's house and picks up his wife. Then, turning right, they drive 5 km to a restaurant for dinner.

From the information given above, which of the following options is CORRECT?

Ans



If P drives 1 km west from the restaurant, takes a right turn and drives 3 km, he will reach the clinic.



P's father-in-law's house is definitely less than 7 km away from P's office.

3. The library is towards north-west of the market.



If P drives 5 km south from his office, takes a left turn and drives 9 km, he will reach the restaurant.

Question ID: 94891113101

Option 1 ID : **94891152402** Option 2 ID : **94891152404** 

Option 3 ID : **94891152403**Option 4 ID : **94891152401**Status : **Answered** 

Chosen Option: 1

Q.99 Select the option that is related to the third term in the same way as the second term is related to the first term.

Modern : Ancient :: Noise : ?

Ans

- X 1 Chaos
  - √ 2. Silence
- X 3. Unorganised
- X 4. Song

Question ID: 94891113079

Option 1 ID: 94891152313

Option 2 ID: 94891152314

Option 3 ID : **94891152316** Option 4 ID : **94891152315** 

Status : Answered

Chosen Option : 2

**Q.100** If  $3 \times 3 = 6$ ,  $3 \div 3 = 0$ , 3 - 3 = 9, and 3 + 3 = 1, then what will be the value of  $6 - 4 \div 8 + 1 \times 3$ ?

Ans

- X 1. 21
- X 2. 0
- X 3. 78
- **4**. 19

Question ID: 94891113102

Option 1 ID: 94891152406

Option 2 ID: 94891152405

Option 3 ID : 94891152407

Option 4 ID: 94891152408

Status: Answered

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