

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



	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 Jalalpur
Test Date	22/02/2021
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 world's largest drainage basin is:

Ans

√ 1. Amazon Basin

X 2. Ganga Basin

X 3. Nile Basin

X 4. Mississippi Basin

Question ID: 9489116624 Option 1 ID: 94891126493 Option 2 ID: 94891126495 Option 3 ID: 94891126496

Option 4 ID : **94891126494**Status : **Not Answered** 

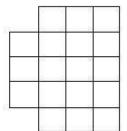
Ans	1. District						
	× 2. Delivery post office						
	X 3. Municipal corporation						
✓ 4. Sub region or one of the postal circles							
		Question ID : 9489116639 Option 1 ID : 94891126555 Option 2 ID : 94891126553 Option 3 ID : 94891126554 Option 4 ID : 94891126556 Status : Answered Chosen Option : 1					
Q.3	A family includes six members A, B, C, X, Y and Z. There are two married couples. B is a Y. Z is the grandfather of C and is a scientist. X is the grandmother of Y and is a painter. Y cricketers. A is the mother of C and an actor. There is one engineer, one scientist, one actor cricketers in the group. Which of the following options is a group of male members only?	and C are sisters and are					
Ans	X 1. BZA						
	✓ 2. <b>BZ</b>						
	X 3. ZY						
	× 4. BZY						
		Question ID : 9489116803					
		Option 1 ID : <b>94891127211</b> Option 2 ID : <b>94891127209</b>					
		Option 3 ID : 94891127212					
		Option 4 ID : <b>94891127210</b>					
		Status : Not Answered					
		Chosen Option :					
Q.4	Shri Guru Gobind Singh Ji founded the 'Khalsa Panth' in	the year .					
Ans	× 1. 1701	and the second s					
	× 2. 1697						
	× 3. 1705						
	<b>√</b> 4. 1699						
		Question ID : 9489116619					
		Option 1 ID : 94891126473					
		Option 2 ID : <b>94891126475</b>					
		Option 3 ID : <b>94891126476</b>					
		Option 4 ID : 94891126474					
		Status: Not Answered					
		Chosen Option :					

Q.2 The Postal Index Number (PIN) is a six digit code used by Indian postal department, what does the first two digit of the

code (taken together) stands for :

An international treaty, designed to protect human health and phase out the use of mercury, was signed in 2013 at Ans X 1. Tianjin, China 2. Minamata, Japan X 3. Betio, Kiribati X 4. The Hague, Netherlands Ouestion ID: 9489116635 Option 1 ID: 94891126540 Option 2 ID: 94891126538 Option 3 ID: 94891126539 Option 4 ID: 94891126537 Status: Not Answered Chosen Option: --Q.6 What is the function of insulin in the human body? √ 1. It regulates how the body uses and stores glucose and fat. Ans × 2. It supplies filtered blood to the heart. X 3. It supplies oxygen to the lungs. X 4. It regulates the flow of blood. Question ID: 9489116611 Option 1 ID: 94891126443 Option 2 ID: 94891126441 Option 3 ID: 94891126442 Option 4 ID: 94891126444 Status: Answered Chosen Option: 4

How many squares are there in the given figure?



Ans X 1. 48

**X** 2. 44

**√** 3. 32

X 4. 46

Question ID: 9489116799

Option 1 ID: 94891127196

Option 2 ID: 94891127194 Option 3 ID: 94891127193

Option 4 ID: 94891127195

Status: Not Answered

Chosen Option: --

Q.8 A statement is given followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

#### Statement:

Computer literacy is desirable.

#### Arguments:

- (i) Yes, as most of the work is done efficiently.
- (ii) No, computers are a nuisance.

Ans

- X 1. None of the arguments are strong.
- × 2. Only argument (ii) is strong.
- ✓ 3. Only argument (i) is strong.
- X 4. Both the arguments are strong.

Question ID: 9489116781

Option 1 ID: 94891127124

Option 2 ID: 94891127122

Option 3 ID: 94891127121

Option 4 ID: 94891127123

Status: **Answered** 

Q.9 India's constitutional provision of 'Indirect election of Rajya Sabha members' was adopted from which country? Ans X 1. Germany √ 2. South Africa X 3. USA X 4. England Question ID: 9489116629 Option 1 ID: 94891126516 Option 2 ID: 94891126514 Option 3 ID: 94891126515 Option 4 ID: 94891126513 Status: Answered Chosen Option: 3 Q.10 A box contains 6 white balls and 7 black balls. Two balls are drawn at random. What is the probability that both of them are of different colours? Ans X 1.  $\frac{4}{13}$  $\times$  2.  $\frac{2}{13}$   $\times$  3.  $\frac{6}{13}$ **√** 4.  $\frac{7}{13}$ 

Question ID: 9489117068
Option 1 ID: 94891128270
Option 2 ID: 94891128269
Option 3 ID: 94891128272
Option 4 ID: 94891128271
Status: Answered

### Which of the following statements is FALSE?

Ans



In any triangle, the sum of any two sides of the triangle is greater than the length of the third side.





The greatest side of any triangle makes acute angles with each of the other sides.



In any triangle, the sum of any two angles of the triangle is greater than the measure of the third angle.



In any triangle, the difference between the lengths of any two sides of a triangle is smaller than the length of the third

Question ID: 9489117070 Option 1 ID: 94891128278 Option 2 ID: 94891128279 Option 3 ID: 94891128280 Option 4 ID: 94891128277

Status: Answered Chosen Option: 3

Q.12 A flame is made up of three parts: the innermost part, the middle part and the outermost part. Why is the innermost part

1. Because of complete combustion of fuel

✓ 2. Because of the presence of un-burnt carbon particles

X 3. Because of the incomplete combustion of fuel

X 4. Because of the presence of oxygen

Question ID: 9489116613 Option 1 ID: 94891126449

Option 2 ID: 94891126450 Option 3 ID: 94891126451 Option 4 ID: 94891126452

Status: Answered

Chosen Option: 3

Q.13 If Raju's earning is 40% less than Venkat's earning, by how much percentage is Venkat's earning more than Raju's earning?

Ans

X 1. 200%

× 2. 100%

 $\checkmark$  3.  $\left(\frac{200}{3}\right)\%$ 

 $\times$  4.  $\left(\frac{400}{3}\right)\%$ 

Question ID: 9489117058

Option 1 ID: 94891128232 Option 2 ID: 94891128230 Option 3 ID: 94891128231

Option 4 ID: 94891128229 Status: Answered

Q.14 If 60% of (a - b) is the same as 40% of (a + b), then what percentage of a is b? Ans 🗸 1. 20 X 2. 26 X 3. 22 X 4. 24 Question ID: 9489117057 Option 1 ID: 94891128225 Option 2 ID: 94891128228 Option 3 ID: 94891128226 Option 4 ID: 94891128227 Status: Answered Chosen Option: 1 Q.15 is a famous Kathak dancer. X 1. Geeta Chandran Ans X 2. Padma Subrahmanyam X 3. Josyula Seetharamaiah 🗸 4. Birju Maharaj Question ID: 9489116610 Option 1 ID: 94891126438 Option 2 ID: 94891126437 Option 3 ID: 94891126439 Option 4 ID: 94891126440 Status: Answered Chosen Option: 4 Q.16 Vinod travelled from his home to his office at a speed of 20 km/h and walked back at a speed of 5 km/h. The whole journey took 4 h. The distance between his office and his home is: Ans X 1 10 km X 2. 6 km **√** 3. 16 km X 4. 8 km Question ID: 9489117062 Option 1 ID: 94891128246 Option 2 ID: 94891128248 Option 3 ID: 94891128245 Option 4 ID: 94891128247 Status: Answered Chosen Option: 3

Select the option that is different from the rest. Ans X 1. Golf ball X 2. Tennis ball √ 3. American football X 4. Cricket ball Question ID: 9489116793 Option 1 ID: 94891127171 Option 2 ID: 94891127169 Option 3 ID: 94891127172 Option 4 ID: 94891127170 Status: Answered Chosen Option: 3 Q.18 In which year was The Right of Children to Free and Compulsory Education Act introduced in India? **1**. 2009 × 2. 2011 X 3. 2002 X 4. 2005 Question ID: 9489116641 Option 1 ID: 94891126564 Option 2 ID: 94891126562 Option 3 ID: 94891126561 Option 4 ID: 94891126563 Status: Answered Chosen Option: 3 Q.19 If 60% of x added to 60, then the result is x + 20. The value of number x is: Ans **1.** 100 X 2. 90 X 3. 80 X 4. 70 Question ID: 9489117059 Option 1 ID: 94891128236 Option 2 ID: 94891128235 Option 3 ID: 94891128234 Option 4 ID: 94891128233 Status: Answered Chosen Option: 1

hypotenuse is: Ans ✓ 1. 25 cm × 2. 24 cm X 3. 7 cm X 4. 50 cm Question ID: 9489117065 Option 1 ID: 94891128257 Option 2 ID: 94891128260 Option 3 ID: 94891128259 Option 4 ID: 94891128258 Status: Not Answered Chosen Option: --Q.21 Which one of the following country assisted India to launch its first artificial Satellite in year 1975? Ans √ 1. Soviet Union X 2. France X 3. USA X 4. UK Ouestion ID: 9489116631 Option 1 ID: 94891126522 Option 2 ID: 94891126523 Option 3 ID: 94891126521 Option 4 ID: 94891126524 Status: Answered Chosen Option: 1 The study of the universe is known as: Ans X 1. Anthropology X 2. Etymology √ 3. Cosmology X 4. Anatomy Question ID: 9489116622 Option 1 ID: 94891126487 Option 2 ID: 94891126485 Option 3 ID: 94891126486 Option 4 ID: 94891126488 Status: Answered Chosen Option: 3

 $\textbf{Q.20} \quad \text{If the perimeter of a right angled triangle is } 56~\text{cm} \text{ and the area of the triangle is } 84~\text{cm}^2 \text{ , then the length of the } 100~\text{cm}^2 \text{ and } 100~\text{cm}^2 \text{ } 100~\text$ 

Q.23 Who led India's first expedition to the Antarctic in 1982?

- Ans X 1. Dr. APJ Abdul Kalam
  - X 2. Dr. Paramjit Singh
  - X 3. Dr. Zahoor Qasim
  - ✓ 4. Dr. SZ Qasim

Question ID: 9489116632 Option 1 ID: 94891126526 Option 2 ID: 94891126527 Option 3 ID: 94891126528 Option 4 ID: 94891126525

Status: Not Answered

Chosen Option: --

Q.24 Which of the following pairs is NOT correctly matched (instrument to the artist)?

Ans

- 1 Pakhawaj Shiv Kumar Sharma
- X 2. Sitar Pt. Ravi Shankar
- X 3. Sarod Amjad Ali Khan
- X 4. Tabla Kishan Maharaj

Question ID: 9489116608 Option 1 ID: 94891126431 Option 2 ID: 94891126429 Option 3 ID: 94891126430 Option 4 ID: 94891126432 Status: Answered

Chosen Option: 4

Q.25 The sum of the even numbers between 1 and 111 is:

Ans

- X 1. 3082
- X 2. 3076
- **3**. 3080
- X 4. 3078

Question ID: 9489117050

Option 1 ID: 94891128200

Option 2 ID: 94891128197

Option 3 ID: 94891128199

Option 4 ID: 94891128198

Status: Answered

If a:b=2:3, then find the value of (3a+7b):(6a-3b).

- Ans 🗸 1. 9:1
  - X 2. 6:1
  - X 3. 3:1
  - X 4. 2:1

Question ID: 9489117054

Option 1 ID: 94891128216

Option 2 ID: 94891128215

Option 3 ID: 94891128214

Option 4 ID: 94891128213 Status: Answered

Chosen Option: 1

Q.27 The value of  $30 - (3 \times 4 + 15 \div 3) + 8 \times 3 \div 6$  is:

Ans

- X 1. 15
- X 2. 21
- X 3. 19
- **4**. 17

Question ID: 9489117044

Option 1 ID: 94891128173

Option 2 ID: 94891128176

Option 3 ID: 94891128175

Option 4 ID: 94891128174 Status: Answered

Chosen Option: 4

Q.28 At what simple interest rate per annum will a sum of money become four times of itself in 20 years?

Ans

- X 1. 5%
- X 2. 20%
- X 3. 10%
- √ 4. 15%

Question ID: 9489117055

Option 1 ID: 94891128217

Option 2 ID: 94891128220

Option 3 ID: 94891128218

Option 4 ID: 94891128219

Status: Answered

Q.29 Find the value of (?)

 $6^{1.2} \times 36^{?} \times 30^{2.4} \times 25^{1.3} = 30^{5}$ 

Ans X 1. 2.6

**√** 2. 0.7

X 3. 1.4

X 4. 0.1

Question ID: 9489117049

Option 1 ID: 94891128196 Option 2 ID: 94891128193 Option 3 ID: 94891128195

Option 4 ID: 94891128194 Status: Answered

Chosen Option: 2

Q.30 The 'National War Memorial' inaugurated by Prime Minister Narendra Modi is in:

Ans

X 1. Kolkata

✓ 2. New Delhi

X 3. Mumbai

X 4. Bengaluru

Question ID: 9489116607

Option 1 ID: 94891126426

Option 2 ID: 94891126428

Option 3 ID: 94891126427

Option 4 ID: 94891126425 Status: Answered

Chosen Option: 2

Q.31 Which of the following companies owns KUKA Robotics (Industrial Robots)?

Ans

X 1 Paslin Group, USA

X 2. Kion Group, China

X 3. Hocoma Group, Switzerland

✓ 4. Midea Group, China

Question ID: 9489116638

Option 1 ID: 94891126549

Option 2 ID: 94891126550

Option 3 ID: 94891126552

Option 4 ID: 94891126551

Status: Not Answered

Q.32 Study the given pattern carefully and select the number that can replace the question mark (?) in it. Ans 🗹 1. 8 Question ID: 9489116783 Option 1 ID: 94891127129 Option 2 ID: 94891127130 Option 3 ID: 94891127132 Option 4 ID: 94891127131 Status: Answered Chosen Option: 3 Q.33 If the difference between the exterior and the interior angles of a regular polygon is 60°, with an interior angle being greater than the corresponding exterior angle, then find the number of sides of the polygon. Ans **1** 1. 6 X 2. 5 Question ID: 9489117072 Option 1 ID: 94891128286 Option 2 ID: 94891128285 Option 3 ID: 94891128288 Option 4 ID: 94891128287 Status: Answered Chosen Option: 1 Google Drive, Sky Drive and Dropbox are perfect examples of: Ans X 1. internet computing X 2. virtual drives X 3. virtual reality ✓ 4. cloud storage services

> Question ID: 9489116637 Option 1 ID: 94891126547 Option 2 ID: 94891126545 Option 3 ID: 94891126548 Option 4 ID: 94891126546 Status: Answered

- If  $x^2 3x + 1 = 0$ , then the value of  $x^2 + x + \left(\frac{1}{x}\right) + \left(\frac{1}{x^2}\right)$  is:
- Ans X 1. 2
  - **2**. 10
  - X 3. 6
  - X 4. 8

- Question ID: 9489117067
- Option 1 ID: 94891128266
- Option 2 ID: 94891128265
- Option 3 ID: 94891128267
- Option 4 ID: 94891128268
  - Status: Answered
- Chosen Option: 2
- Q.36 The sum of two numbers is 98 and their HCF is 14. How many such pairs can be formed?
- Ans
- X 2. 4
- X 4. 2

- Question ID: 9489117045
- Option 1 ID: 94891128177
- Option 2 ID: 94891128180
- Option 3 ID: 94891128179
- Option 4 ID: 94891128178 Status: Answered
- Chosen Option: 1
- Which galaxy is the nearest to the Milky Way?
- X 1. Whirlpool Galaxy
- ✓ 2. Andromeda Galaxy
- X 3. Virgo Stellar Stream
- X 4. Triangulum Galaxy

- Question ID: 9489116623
- Option 1 ID: 94891126491
- Option 2 ID: 94891126489
- Option 3 ID: 94891126492
- Option 4 ID: 94891126490
  - Status: Not Answered
- Chosen Option: --

Q.38 How will you write 3.33 hours in hours, minutes and seconds?

Ans

√ 1. 3 hours, 19 minutes, 48 seconds

× 2 3 hours, 30 minutes, 3 seconds

X 3. 3 hours, 33 minutes

X 4. 3 hours, 30 minutes, 30 seconds

Question ID: 9489116802 Option 1 ID: 94891127208 Option 2 ID: 94891127206 Option 3 ID: 94891127207 Option 4 ID: 94891127205

Status: Answered

Chosen Option: 4

Q.39 A question is given followed by two arguments. Decide which of the arguments is/are strong with respect to the question.

#### Question:

Does assigning class monitors harbour the feeling of jealousy among students?

#### Arguments:

(i) Yes, all class monitors start to behave arrogantly.

(ii) No, it teaches them equity by providing every student a chance to learn team spirit under a leader.

Ans

✓ 1. Only argument (ii) is strong.

X 2. Both the arguments are strong.

X 3. None of the arguments are strong.

X 4. Only argument (i) is strong.

Question ID : 9489116782 Option 1 ID : 94891127126 Option 2 ID : 94891127127

Option 3 ID : 94891127128 Option 4 ID : 94891127125 Status : Answered

Q.40 Which nation hosted the 14<sup>th</sup> Conference of Parties (COP) of the United Nations Convention to Combat Desertification (UNCCD)?

Ans 1. South Africa
2. UAE
3. China
4. India

Question ID: 9489116634
Option 1 ID: 94891126534
Option 2 ID: 94891126533
Option 3 ID: 94891126535
Option 4 ID: 94891126536
Status: Answered

Chosen Option: 2

Q.41 Select the option in which the words share the same relationship as that shared by the given pair of words.

Car: Travel

Ans X 1. Apple : Juicer

√ 2. Book : Read

X 3. Fat: Thin

X 4. Food : Fire

Question ID : 9489116779
Option 1 ID : 94891127114
Option 2 ID : 94891127115
Option 3 ID : 94891127113
Option 4 ID : 94891127116
Status : Answered

Chosen Option: 2

Q.42 In which of the following cities was the 33 ft tall bronze statue of Swami Vivekananda inaugurated on National Youth Day in 2019?

Ans

X 1. Vadodara, Gujarat

√ 2. Ranchi, Jharkhand

X 3. Gwalior, Madhya Pradesh

X 4 Warangal, Telangana

Question ID : **9489116609** Option 1 ID : **94891126433** 

Option 2 ID : **94891126435** Option 3 ID : **94891126436** 

Option 4 ID: 94891126434

Status : Answered

Which of the following statements is true with respect to a triangle?

Ans

- 1. The concurrent point of altitudes is called centroid.
- ✓ 2. The sum of medians is less than perimeter.

**X** 3.

The concurrent point of internal angle bisectors is called orthocenter.



Any two sides together are less than twice the median of remaining side.

Question ID: 9489117073 Option 1 ID: 94891128289 Option 2 ID: 94891128290 Option 3 ID: 94891128292 Option 4 ID: 94891128291 Status: Answered

Chosen Option: 2

If  $a \times b = a + b + \left(\sqrt{\frac{a}{b}}\right) + \sqrt{(ab)}$ , then what will be the value of  $16 \times 4$ ?

- Ans X 1. 32
  - X 2. 28
  - **3**. 30
  - X 4. 26

Question ID: 9489117053 Option 1 ID: 94891128212 Option 2 ID: 94891128210 Option 3 ID: 94891128211 Option 4 ID: 94891128209 Status: Answered

Chosen Option: 3

Q.45 If in a certain code language, ALCHEMIST is written as YJAFCKGQR, how will ALPHONSE be written as in that language?

Ans

- X 1. XJNFMLQC
- ✓ 2. YJNFMLQC
- X 3. YJNFMNQC
- X 4. YJNGMLQC

Question ID: 9489116774 Option 1 ID: 94891127096 Option 2 ID: 94891127093 Option 3 ID: 94891127094

Option 4 ID: 94891127095 Status: Answered

Q.46 Name the scheme that was launched on 8 April 2015, under which a loan of up to ₹50,000 is given under sub-scheme 'Shishu'; between ₹50,000 to ₹5.0 lakh under sub-scheme 'Kishore'; and between ₹5.0 lakh to ₹10.0 lakh under sub-scheme 'Tarun'.

Ans

🗡 1. Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY)

X 2. Atal Pension Yojana (APY)

X 3. Pradhan Mantri Suraksha Bima Yojana (PMSBY)

✓ 4. Pradhan Mantri Mudra Yojana (PMMY)

Question ID: 9489116640
Option 1 ID: 94891126560
Option 2 ID: 94891126558
Option 3 ID: 94891126559
Option 4 ID: 94891126557
Status: Answered

Chosen Option: 3

Q.47 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.



Ans

1. 8

× 2. 12

X 3. 5

**4**. 10

Question ID: 9489116801 Option 1 ID: 94891127204 Option 2 ID: 94891127202 Option 3 ID: 94891127201 Option 4 ID: 94891127203

Status: Answered

- Q.48 The represents a set of calculations that are common across all the given equations. Identify the calculations involved and solve the third equation on the same basis:
  - 4 3 = 16; 9; 25
  - $6 \bigcirc 2 = 36$ ; 4; 40
  - 7 \( \text{4} = ?; ?; ?
- Ans
- X 1. 54, 11, 18
- × 2. 10, 6, 4
- **√** 3. 49, 16, 65
- X 4. 72, 5, 12

Question ID: 9489116787

Option 1 ID: 94891127148

Option 2 ID: 94891127146

Option 3 ID: 94891127145

Option 4 ID: 94891127147

Status: Answered

Chosen Option: 3

- Q.49 'Nuclear Fusion' is the process of combining of two or more light nuclei. What is the required temperature (approximately) for nuclear fusion?
- Ans
- √ 1. 100 million K
- X 2. 812 million K
- X 3. 10 million K
- X 4. 810 million K

Question ID : 9489116614

Option 1 ID: 94891126453

Option 2 ID: 94891126456

Option 3 ID: 94891126455 Option 4 ID: 94891126454

Status: Not Answered

Chosen Option : --

## What is the meaning of 'Lokayukta' in the Constitution of India?

Ans



A body created to look into the complaints made with respect to frauds in the financial sector





A body operating at the central level to investigate the civil servant or politician with respect to complaint made against them for corruption



A body operating at the state level to investigate an individual's complaint against public servants or any politician with

Y 4 It is also called 'Ombudsman'.

Question ID: 9489116627 Option 1 ID: 94891126508 Option 2 ID: 94891126506 Option 3 ID: 94891126505 Option 4 ID: 94891126507

Status: Answered

Chosen Option: 2

Q.51 As of October 2020, how many IIMs (Indian Institutes of Management) are there?

Ans

X 1. 16

**2**. 20

X 3. 24

X 4. 12

Question ID: 9489116642 Option 1 ID: 94891126568 Option 2 ID: 94891126566 Option 3 ID: 94891126567 Option 4 ID: 94891126565

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.52 Which country unveiled the world's first floating nuclear power station?

Ans

✓ 1. Russia

X 2. USA

X 3. India

X 4. China

Question ID: 9489116606 Option 1 ID: 94891126422

Option 2 ID: 94891126421 Option 3 ID: 94891126424 Option 4 ID: 94891126423

Status: Answered

Q.53 Two letters are selected from the word 'TENDULKAR'. The probability that both are vowels is:

Ans

- $\times$  1.  $\frac{2}{9}$

- $\times$  3.  $\frac{5}{9}$   $\times$  4.  $\frac{5}{12}$

Question ID: 9489117069 Option 1 ID: 94891128274 Option 2 ID: 94891128273 Option 3 ID: 94891128276 Option 4 ID: 94891128275 Status: Answered

Chosen Option: 2

Q.54 The digit in the unit's place of the product  $61 \times 62 \times 63 \dots \times 69$  is:

Ans

- X 2. 2
- X 3. 4
- X 4. 3

Question ID: 9489117047 Option 1 ID: 94891128185

Option 2 ID: 94891128186 Option 3 ID: 94891128188 Option 4 ID: 94891128187 Status: Answered

Chosen Option: 1

Q.55 The distance between two stations A and B is 420 km. A train starts from A at 3 p.m. and travels towards B at a speed of 60 km/h. Another train starts from B at 4 p.m. and travels towards A at a speed of 30 km/h. At what time do they meet?

Ans

- X 1. 10 p.m.
- X 2. 10:30 p.m.
- X 3. 9 p.m.
- **√** 4. 8 p.m.

Question ID: 9489117063

Option 1 ID: 94891128251 Option 2 ID: 94891128252

Option 3 ID: 94891128250 Option 4 ID: 94891128249

Status: Answered

Q.56 Select the option in which the words do NOT share the same relationship as that shared by the rest.

Ans

X 1. Parrot : Bird

X 2. Carrot : Vegetable

X 3. Car : Vehicle ✓ 4. Fruit: Tree

> Question ID: 9489116795 Option 1 ID: 94891127180 Option 2 ID: 94891127177

Option 3 ID: 94891127179 Option 4 ID: 94891127178 Status: Answered

Chosen Option: 4

**Q.57** If the side of an equilateral triangle is  $2\sqrt{2}$  cm, then the length of the perpendicular drawn from vertex to the side is:

 $\times$  1.  $\sqrt{5}$  cm

 $\checkmark$  2.  $\sqrt{6}$  cm

× 3. √7 cm

X 4. 2 cm

Question ID: 9489117066

Option 1 ID: 94891128262

Option 2 ID: 94891128263 Option 3 ID: 94891128264

Option 4 ID: 94891128261

Status: Answered

Chosen Option: 2

Q.58 If  $x = \frac{\sqrt{5}+1}{\sqrt{5}-1}$  and  $y = \frac{1}{x}$ , then what will be the value of  $x^2 + y^2$ ?

Ans X 1. 4

Question ID: 9489117052

Option 1 ID: 94891128208

Option 2 ID: 94891128206

Option 3 ID: 94891128205

Option 4 ID: 94891128207

Status: Answered

Q.59 Which of the following freedom fighters was a co-founder of Swaraj Party along with Motilal Nehru?

Ans

- X 1. Rash Behari Ghosh
- X 2. Ambica Charan Mazumdar
- 3. Chittaranjan Das
- X 4. Bhupendra Nath Bose

Question ID : **9489116621** Option 1 ID : **94891126482** 

Option 2 ID : 94891126481 Option 3 ID : 94891126484 Option 4 ID : 94891126483

Status : Answered

Chosen Option: 3

Q.60 Solve the following.

$$3.\overline{36} - 2.\overline{05} + 1.\overline{33} = ?$$

Ans

- X 1. 2. 63
- **√** 2. 2. <del>64</del>
- X 3. 2. 60
- X 4. 2. 61

Question ID: 9489117048

Option 1 ID: 94891128192

Option 2 ID: **94891128190** 

Option 3 ID: 94891128191

Option 4 ID: 94891128189

Status : **Answered** Chosen Option : **2** 

Q.61 Who amongst the following became the Acting Prime Minister of India twice?

Ans

- X 1 Indira Gandhi
- X 2. Morarji Desai
- X 3. Charan Singh
- 4. Gulzarilal Nanda

Question ID: 9489116628

Option 1 ID: 94891126512

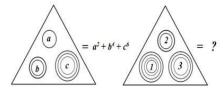
Option 2 ID: 94891126509

Option 3 ID: 94891126510

Option 4 ID: 94891126511

Status: Not Answered

 $\textbf{Q.62} \quad \text{a}^2 + \text{b}^4 + \text{c}^6 \text{ is logically related to the first diagram as shown below. Following the same logic, find the value}$ that will replace the (?) in the second diagram?



Ans

- **1.** 746
- X 2. 420
- X 3. 540
- X 4. 500

Question ID: 9489116784 Option 1 ID: 94891127136 Option 2 ID: 94891127135 Option 3 ID: 94891127133 Option 4 ID: 94891127134

Status: Answered

Chosen Option: 1

Q.63 A sum of money lent out at simple interest amounts to ₹600 after two years and to ₹900 after a further period of 5 years. The interest rate is:

- X 1. 12%
- X 2. 13%
- √ 3. 12.5%
- X 4. 10%

Question ID: 9489117060

Option 1 ID: 94891128238

Option 2 ID: 94891128240

Option 3 ID: 94891128239 Option 4 ID: 94891128237

Status: Answered

Chosen Option: 4

Q.64 If  $x^{11} = y^0$  and x = 2y, then y is equal to:

- Ans X 1. 1
  - **X** 2. −1
  - **X** 3. −2
  - $\checkmark$  4.  $\frac{1}{2}$

Question ID: 9489117064

Option 1 ID: 94891128254

Option 2 ID: 94891128255

Option 3 ID: 94891128256

Option 4 ID: 94891128253 Status: Answered

Q.65 16 men can finish a piece of work in 8 days while 20 women and 4 men can do it in 16 days. In how many days can 10 women complete the entire work by themselves?

Ans

X 1. 40 days

X 2. 60 days

X 4. 48 days

Question ID: 9489117061 Option 1 ID: 94891128243 Option 2 ID: 94891128244 Option 3 ID: 94891128242

Option 4 ID : 94891128241
Status : Answered

Chosen Option: 3

Q.66 Which of the following statements is true?

Ans

X 1.

HCF of fractions = LCM of numerators/HCF of denominators

X 2

LCM of fractions = HCF of numerators/LCM of denominators

**3** 

HCF of fractions = HCF of numerators/LCM of denominators

X 4. The numbers are said to be co-prime if their LCM is 1

Question ID: 9489117046

Option 1 ID: 94891128181 Option 2 ID: 94891128182

Option 3 ID: 94891128184 Option 4 ID: 94891128183

Status : Answered

Chosen Option: 3

Q.67 Who among the following composed the National Song of India?

Ans

X 1. Rabindranath Tagore

2. Sri Aurobindo

✓ 3. Bankim Chandra Chattopadhyay

🗡 4. Sarojini Naidu

Question ID: 9489116617

Option 1 ID: 94891126465

Option 2 ID: **94891126468** Option 3 ID: **94891126467** 

Option 4 ID : **94891126466** 

Status: Answered

Q.68 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 needles are swords.

All swords are fast.

#### Conclusions:

I. All needles are fast.

II. All swords are needles.

Ans

- √ 1. Neither conclusion I nor II follows.
- × 2. Only conclusion I follows.
- X 3. Both the conclusions follow.
- X 4. Only conclusion II follows.

Question ID : 9489116776 Option 1 ID : 94891127104 Option 2 ID : 94891127101 Option 3 ID : 94891127103 Option 4 ID : 94891127102

Status: Answered

Chosen Option: 1

Q.69 With which of the following sports is the English professional club, Chelsea associated?

Ans

- X 1. Cricket
- X 2. Rugby
- √ 3. Football
- X 4. Hockey

Question ID: 9489116604

Option 1 ID: 94891126413 Option 2 ID: 94891126415

Option 3 ID : **94891126414** Option 4 ID : **94891126416** 

Status : Answered

Q.70 What is the correct full form of "VIRUS" in computer programming?

- X 1 Vital Inter Change Result Until Source
- ✓ 2. Vital Information Resources Under Seize
- X 3. Vital Information Recognize Search
- Vital Information Record User Seize

Question ID: 9489116636 Option 1 ID: 94891126543 Option 2 ID: 94891126542 Option 3 ID: 94891126544 Option 4 ID: 94891126541 Status: Answered

Chosen Option: 2

Q.71 Where is the Nuclear Fuel Complex of India situated?

Ans

- √ 1. Hyderabad
- × 2. Hubli
- X 3. Chennai
- X 4. Visakhapatnam

Question ID: 9489116630 Option 1 ID: 94891126519 Option 2 ID: 94891126518 Option 3 ID: 94891126520 Option 4 ID: 94891126517 Status : Not Attempted and Marked For Review

Chosen Option: --

Q.72 Which of the following carries blood from the heart to the kidneys?

- Ans X 1. Renal vein
  - X 2. Coronary artery
  - ✓ 3. Renal artery
  - X 4. Vena cava

Ouestion ID: 9489116615 Option 1 ID: 94891126458 Option 2 ID: 94891126460 Option 3 ID: 94891126457 Option 4 ID: 94891126459

Status: Answered

Q.73 Which term was used to denote poll tax on non-muslim subjects during the reign of the Mughal Empire?

Ans

X 1. Sharia

X 2. Shafi'i

X 3. Jahiliyah

🗸 4. Jizyah

Question ID: 9489116620 Option 1 ID: 94891126479 Option 2 ID: 94891126477 Option 3 ID: 94891126478 Option 4 ID: 94891126480

Status : **Answered** 

Chosen Option: 4

Q.74 What is the agenda behind the Government of India's flagship programme 'Pradhan Mantri Vaya Vandana Yojana'?

Ans

1. To provide affordable housing to all.



To provide a minimum monthly pension of ₹1000 or ₹2000



To provide a life cover of ₹200,000 against a premium of ₹330 per annum.



Assured pension on a guaranteed return of 8% after making a minimum initial investment for Senior Citizen

Question ID: 9489116643
Option 1 ID: 94891126572
Option 2 ID: 94891126569
Option 3 ID: 94891126571
Option 4 ID: 94891126570
Status: Answered

Chosen Option: 3

Q.75 The Vedic time period in India lasted from:

Δns

✓ 1. 1500 to 500 BC

X 2. 336 to 323 BC

X 3. 3000 to 2600 BC

X 4. 550 to 323 BC

Question ID : 9489116618

Option 1 ID: 94891126471 Option 2 ID: 94891126472

Option 3 ID: 94891126469 Option 4 ID: 94891126470

Status: Not Answered

India's largest salt water lake is situated in:

Ans

- X 1. Thar Desert Region
- X 2. Krishna Delta
- X 3. Ganga Delta
- 4. Mahanadi Delta

Question ID: 9489116625 Option 1 ID: 94891126500 Option 2 ID: 94891126498 Option 3 ID: 94891126499 Option 4 ID: 94891126497

Status: Answered

Chosen Option: 2

Q.77 In which year was the European Union established?

- Ans X 1. 1992
  - X 2. 1989
  - **3**. 1993
  - X 4. 1994

Question ID: 9489116633 Option 1 ID: 94891126529

Option 2 ID: 94891126531 Option 3 ID: 94891126530 Option 4 ID: 94891126532

Status: Answered

Chosen Option: 2

Q.78 A and B are two alloys formed by the combination of gold and copper in the ratio 5:3 and 5:11 respectively. Equal quantities of these two alloys are melted and mixed to form a new alloy C. Now, alloy C contains gold and copper in the

Ans

- X 1. 33:25
- √ 2. 15:17
- X 3. 17:15
- X 4. 25:23

Question ID: 9489117056

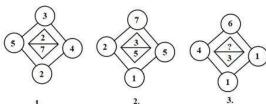
Option 1 ID: 94891128222 Option 2 ID: 94891128223

Option 3 ID: 94891128224

Option 4 ID: 94891128221

Not Attempted and Status : Marked For Review

Q.79 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



Total Call

Ans X 1.

**2**. **4** 

X 3. 7

X 4. 6

Question ID: 9489116786

Option 1 ID: 94891127141

Option 2 ID: 94891127142

Option 3 ID: 94891127143
Option 4 ID: 94891127144

Status : Answered

Chosen Option: 2

Q.80 Which of the following options has the correct types of Planetary winds?

Ans X 1. Local Winds and Periodic Winds

2 Trade Winds and Periodic Winds

3. Trade Winds, Westerlies and Polar Easterlies

A. Polar Winds and Westerlies

Question ID: 9489116626

Option 1 ID : 94891126504

Option 2 ID: 94891126502

Option 3 ID: 94891126503

Option 4 ID: 94891126501

Status: Not Answered

Chosen Option: --

Q.81 Which of the following is NOT a non-renewable resource?

Ans

X 1. Coal

√ 2. Solar Energy

X 3. Liquefied Petroleum Gas

X 4. Natural Gas

Question ID: 9489116612

Option 1 ID: 94891126447

Option 2 ID: 94891126446

Option 3 ID: 94891126448

Option 4 ID : **94891126445** Status : **Answered** 

Q.82 What is the full form of LASER?

Ans

- X 1. Lower Application of System Emission of Radioactivity
- X 2. Learning to Amplify and Stimulate Emission of Radiation
- X 3. Light Addition to Systematic Electromagnetic Radiation
- ✓ 4. Light Amplification by Stimulated Emission of Radiation

Ouestion ID: 9489116616 Option 1 ID: 94891126461 Option 2 ID: 94891126464 Option 3 ID: 94891126462 Option 4 ID: 94891126463 Status: Answered

Chosen Option: 4

Who among the following sportsmen has the nickname 'CR7'?

Ans

- X 1. Chris Paul
- ✓ 2. Cristiano Ronaldo
- X 3. Chris Gayle
- X 4. Chris Rea

Question ID: 9489116605 Option 1 ID: 94891126419

Option 2 ID: 94891126418 Option 3 ID: 94891126417

Option 4 ID: 94891126420 Status: Answered

Chosen Option: 2

If  $\cos A + \sec A = \frac{5}{2}$  and A is an acute angle, then  $\sin A + \csc A$  is equal to:

Ans

$$\times$$
 1.  $\frac{7}{\sqrt{3}}$ 

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

**√** 3. 
$$\frac{7}{2\sqrt{3}}$$

$$\times$$
 4.  $2\sqrt{\frac{3}{5}}$ 

Question ID: 9489117071

Option 1 ID: 94891128282 Option 2 ID: 94891128283

Option 3 ID: 94891128284 Option 4 ID: 94891128281 Status: Answered

Q.85 If  $a = 0.1 + \sqrt{0.9}$  and  $b = 0.1 - \sqrt{0.9}$  then what will be the value of  $a^2 + b^2$ ?

Ans X 1. 2.82

**√** 2. 1.82

X 3. 1.9

X 4. 2

Question ID: 9489117051

Option 1 ID: 94891128203

Option 2 ID: 94891128201 Option 3 ID: 94891128204

Option 4 ID: 94891128202

Status: Answered

Chosen Option: 1

Q.86 In the following table, production of mangoes (in tons) of three different states A, B, C over the years 2016 to 2019 is

Years States	2016	2017	2018	2019
A	3	4.2	5.3	4.8
В	5	5.4	4	5.6
С	4.1	4.3	5	5.6

What is the approximate percentage increase in the production of state A in the year 2019 in comparison with that in

Ans

X 1. 10%

√ 2. 14%

X 3. 20%

X 4. 17%

Question ID: 9489116789

Option 1 ID: 94891127156

Option 2 ID: 94891127154

Option 3 ID: 94891127153

Option 4 ID: 94891127155 Status: Answered

Q.87 The given table shows the number of candidates who appeared and qualified in an entrance examination from different states over the years.

Year	2016		2017		2018	
States	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified
A	1200	800	1500	700	1800	1000
В	1500	600	1600	800	2000	1100
C	2000	680	2200	900	1800	1100
D	1600	700	1500	950	1800	1200
E	1500	490	1100	400	1300	800

Combining the states D and E together in 2016, what is the approximate percentage of the number of candidates qualified out of the number of the candidates appeared?

Ans





X 3. 45%

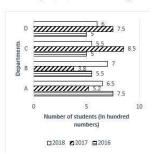
**X** 4. 25%

Question ID : 9489116790 Option 1 ID : 94891127158 Option 2 ID : 94891127159 Option 3 ID : 94891127160 Option 4 ID : 94891127157

Status : Answered

Chosen Option: 1

**Q.88** The given bar graph shows the number of students (in hundreds) graduated from 4 different departments of a university A, B, C and D during 3 consecutive years.



What is the average number of students graduated from all the departments (in hundreds) for the year 2017?

Ans

X 1. 100

X 2. 500

X 3. 420

**4** 625

Question ID: 9489116791

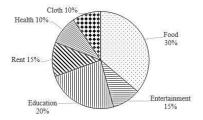
Option 1 ID: 94891127162

Option 2 ID: 94891127164 Option 3 ID: 94891127163

Option 4 ID: 94891127161

Status: Answered

Q.89 The following pie chart shows the monthly expenditure incurred by a family over different items.



What is the approximate percentage of expenditure incurred on education with respect to the expenditure on rent?

Ans

X 1. 50%

X 2. 120%

**√** 3. 133%

X 4. 100%

Question ID: 9489116792

Option 1 ID: 94891127168

Option 2 ID: 94891127165

Option 3 ID: 94891127166 Option 4 ID: 94891127167

Status: Answered

Chosen Option: 3

Q.90 Select the option in which the words share the same relationship as that shared by the given pair of words.

Falcon: Bird

Ans

X 1. Hot : Fire

✓ 2. Fat : Nutrient

X 3. Fruit: Tree

X 4. Lion: Rat

Question ID: 9489116778

Option 1 ID: 94891127112

Option 2 ID: 94891127109

Option 3 ID: 94891127110

Option 4 ID: 94891127111

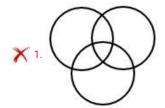
Status: Answered

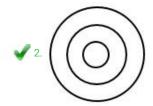
Q.91 The difference between the squares of two numbers is 39 and the sum of these two numbers is 13. What are those numbers? Ans X 1. 4, 3 × 2. 10, 3 **√** 3. 8, 5 **X** 4. 7, 6 Question ID: 9489116800 Option 1 ID: 94891127199 Option 2 ID: 94891127200 Option 3 ID: 94891127197 Option 4 ID: 94891127198 Status: Answered Chosen Option: 3 Q.92 If in a certain code language, ALCOHOL is written as 66, how will JUICE be written as in that language? Ans X 1. 44 **2**. 48 **X** 3. 37 X 4. 52 Question ID: 9489116775 Option 1 ID: 94891127098 Option 2 ID: 94891127099 Option 3 ID: 94891127097 Option 4 ID: 94891127100 Status: **Answered** Chosen Option: 2

Q.93 Select the Venn diagram that best represents the relationship between:

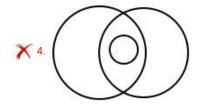
Moon, Satellite, Celestial body

Ans









Question ID: 9489116798

Option 1 ID: 94891127192

Option 2 ID: 94891127189

Option 3 ID: 94891127190

Option 4 ID : **94891127191**Status : **Answered** 

Chosen Option: 2

Q.94 Pick the odd one out.

Ans

X 1. Doctor

X 2. Midwife

√ 3. Patient

X 4. Nurse

Question ID: 9489116794

Option 1 ID: 94891127173

Option 2 ID: 94891127176

Option 3 ID : 94891127175

Option 4 ID : **94891127174**Status : **Answered** 

Identify the term that does NOT belong to the following series.

3T3, 5S5, 9R7, 12P8, 23P11

- Ans 1. 12P8
  - X 2. 23P11
  - X 3. 3T3
  - X 4. 9R7

Question ID: 9489116788

Option 1 ID: 94891127150

Option 2 ID: 94891127151

Option 3 ID: 94891127149

Option 4 ID: 94891127152

Status: **Answered** 

Chosen Option: 1

Q.96 In a certain code language, L is written as 15 and T is written as 7. How will LATER be written as in that language?

Ans

- X 1. 15237229
- X 2. 15247229
- X 3. 15137229
- 4. 15267229

Question ID: 9489116780

Option 1 ID: 94891127117

Option 2 ID: 94891127118

Option 3 ID: 94891127120

Option 4 ID: 94891127119 Status: Answered

Chosen Option: 4

Q.97 Select the number that can replace the question mark (?) in the following series.

12, 17, 14, 19, 16, 21, 18, ?

- Ans X 1. 22
  - **2**. 23
  - X 3. 18
  - X 4. 20

Question ID: 9489116785

Option 1 ID: 94891127140

Option 2 ID: 94891127139

Option 3 ID: 94891127137

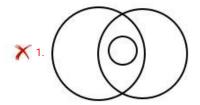
Option 4 ID: 94891127138

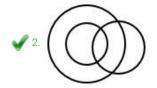
Status: Answered

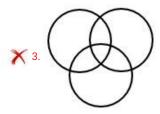
Q.98 Select the Venn diagram that best represents the relationship between:

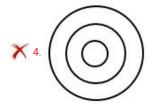
Dentist, Woman, Good dentist

Ans









Question ID : 9489116797 Option 1 ID : 94891127187 Option 2 ID : 94891127186 Option 3 ID : 94891127188 Option 4 ID : 94891127185 Status : Answered

Chosen Option: 3

Q.99 Hawkins is Raman's sister's husband. Raman is Curie's brother. Einstein is Curie's father and Martha's husband.
Martha has two children and two nephews. How is Martha related to Hawkins's wife?

Ans

√ 1. Mother

X 2. Sister

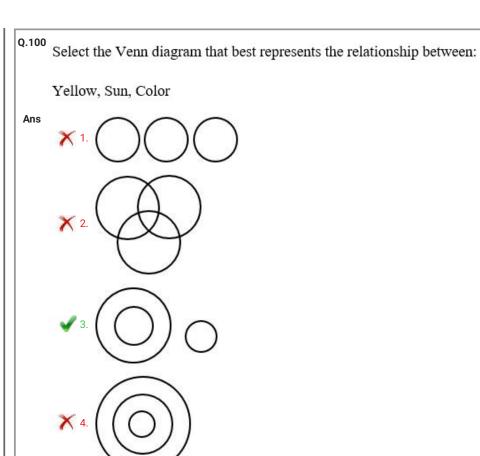
X 3. Maternal Aunt

X 4. Mother-in-law

Question ID : **9489116777** Option 1 ID : **94891127106** Option 2 ID : **94891127105** 

Option 3 ID : 94891127107 Option 4 ID : 94891127108 Status : Answered

Otatus . Alisi



Question ID: 9489116796
Option 1 ID: 94891127182
Option 2 ID: 94891127184
Option 3 ID: 94891127183
Option 4 ID: 94891127181
Status: Answered