

# 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	Kangto Assessment Centre
Test Date	03/04/2021
Test Time	10:30 AM - 12:00 PM
Subject	NTPC

<sup>\*</sup> Note

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

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

Section: NTPC

Q.1 Who among the following is sworn as new Prime minister of Italy in Feb, 2021?

Ans

1 Matteo Renzi

2. Mario Draghi

X 3. Christine Legarde

X 4. Mario Monti

Option 1 ID : **94891146024** Option 2 ID : **94891146021** Option 3 ID : **94891146022** 

Question ID: 94891111506

Option 4 ID : **94891146023**Status : **Not Answered** 

Q.2	Looking at a photo Sachit said, "This woman gave birth to the brother of my father's only daughter." How is Sachit related to the husband of the woman?
Ans	× 1. Daughter
	× 2. Sister
	✓ 3. Son
	× 4. Brother

Question ID: 94891111480
Option 1 ID: 94891145920
Option 2 ID: 94891145918
Option 3 ID: 94891145919
Option 4 ID: 94891145917
Status: Not Answered

Chosen Option: --

**Q.3** Three of the given options are alike in a certain way and so form a group. Which of the four options does NOT belong to the group?

Ans

X 1. Equator

X 2. Tropic of Capricorn

√ 3. Prime Meridian

X 4. Tropic of Cancer

Question ID: 94891111495
Option 1 ID: 94891145980
Option 2 ID: 94891145979
Option 3 ID: 94891145977
Option 4 ID: 94891145978
Status: Answered

Chosen Option: 1

Q.4 Two articles are sold by a trader. One of them is sold for 20% profit. Its selling price equals the cost price of the other article which is sold for 20% loss. Find the effective profit/loss percentage approximately.

Ans

✓ 1. 1.8% loss

× 2. 2.5% profit

X 3. 4% loss

X 4. 1.8% profit

Question ID: 94891111956 Option 1 ID: 94891147822 Option 2 ID: 94891147824 Option 3 ID: 94891147823 Option 4 ID: 94891147821

Status: Answered

## Infant Mortality Rate (or IMR) indicates:

Ans



the number of children who die before the age of six month as a proportion of 1000 live children born in that particular



the number of children who die before the age of one year as a proportion of 1000 live children born in that particular



the number of children who die before the age of two year as a proportion of 1000 live children born in that particular



the number of children who die before the age of three months as a proportion of 1000 live children born in that particular year

> Question ID: 94891111542 Option 1 ID: 94891146167 Option 2 ID: 94891146166 Option 3 ID: 94891146168 Option 4 ID: 94891146165 Status: Answered

Chosen Option: 2

Q.6 Religious teacher Miyan Mir of the period between 1600 - 1700 belonged to:

Ans

X 1. Haryana

🗸 2. Punjab

X 3. Karnataka

X 4. Uttar Pradesh

Question ID: 94891111521 Option 1 ID: 94891146081 Option 2 ID: 94891146083 Option 3 ID: 94891146082 Option 4 ID: 94891146084 Status: Not Answered

Chosen Option: --

Q.7 Which of the following states is NOT governed by 6<sup>th</sup> schedule of Indian Constitution?

Ans

√ 1. Arunachal Pradesh

X 2. Assam

X 3. Mizoram

X 4. Tripura

Question ID: 94891111527 Option 1 ID: 94891146106 Option 2 ID: 94891146105 Option 3 ID: 94891146108 Option 4 ID: 94891146107 Status: Answered

Q.8 When was the International Human Rights Commission established in Geneva?

Ans

X 1. 31st October, 2012

X 2. 12<sup>th</sup> October, 1993

× 3. 14<sup>th</sup> November, 2015

✓ 4. 24<sup>th</sup> December, 2003

Question ID: 94891111535 Option 1 ID: 94891146138 Option 2 ID: 94891146140 Option 3 ID: 94891146139 Option 4 ID: 94891146137 Status: Answered

Chosen Option: 4

Q.9 If each side of square is increased by 20% then find the percentage change in its area.

Ans

X 1. 2.05%

**2**. 44%

X 3. 40%

X 4. 20%

Question ID: 94891111970
Option 1 ID: 94891147878
Option 2 ID: 94891147880
Option 3 ID: 94891147877
Option 4 ID: 94891147879
Status: Answered

Chosen Option: 2

Q.10 Which of the following technologies has been used by China for its 'artificial sun'?

Ans

X 1. Electromagnetic induction

X 2. Nuclear fission

X 3. Gravitational force

4. Nuclear fusion

Question ID : 94891111532

Option 1 ID : 94891146128 Option 2 ID : 94891146125 Option 3 ID : 94891146127

Option 4 ID : **94891146126**Status : **Answered** 

2.11 Select the option that will fill in the blank and	complete the given series.
4, 5, 7, 13, 37,	
Ans   1. 85  ✓ 2. 157  X 3. 158	
× 4. 87	
	Question ID : 94891111488 Option 1 ID : 94891145949 Option 2 ID : 94891145951 Option 3 ID : 94891145952 Option 4 ID : 94891145950 Status : Answered Chosen Option : 2
2.12 Which of the following personality was conferred the country's highest immense contributions in the field of education, health and rural self-re	
Ans 1. Nanaji Deshmukh  2. Amartya Sen	
🔀 3. Bhupen Hazarika	
X 4. Pranab Mukherjee	
	Question ID : 94891111507 Option 1 ID : 94891146025 Option 2 ID : 94891146027 Option 3 ID : 94891146026 Option 4 ID : 94891146028 Status : Answered

Question ID : 94891111496 Option 1 ID : 94891145984 Option 2 ID : 94891145982 Option 3 ID : 94891145983 Option 4 ID : 94891145981 Status : Answered Chosen Option : 3

Which of the following is paired incorrectly (region-Grassland)?

Ans

X 1. Australia – Downs

✓ 2. Argentina – Prairies

X 3. South Africa - Veld

X 4. Central Asia - Steppe

Question ID: 94891111526 Option 1 ID: 94891146102 Option 2 ID: 94891146101 Option 3 ID: 94891146103 Option 4 ID: 94891146104 Status: Not Answered

Q.15 If  $\mathfrak{T}_{1,313}$  is divided into three parts proportional to  $\frac{1}{3}:\frac{3}{5}:\frac{3}{4}$ , then the second part is \_\_\_\_\_. Ans ✓ 1. ₹468 X 2. ₹585 X 3. ₹360 X 4. ₹260 Question ID: 94891111955 Option 1 ID: 94891147820 Option 2 ID: 94891147819 Option 3 ID: 94891147817 Option 4 ID: 94891147818 Status: Answered Chosen Option: 1 Q.16 A milk vendor sells milk at 20% more than the cost price. Also, he adds 3 litres of water to every 5 litres of milk. Find his overall gain percent. Ans X 1. 25% **2**. 92% X 3. 80% X 4. 60% Question ID: 94891111960 Option 1 ID: 94891147840 Option 2 ID: 94891147837 Option 3 ID: 94891147838 Option 4 ID: 94891147839 Status: Answered Chosen Option: 2 Q.17 What is the full form of MCB? √ ¹. Miniature Circuit Breaker Ans X 2. Miniature Current breaker X 3. Mini Circuit Breaker X 4. Miniature Circuit Board Question ID: 94891111512 Option 1 ID: 94891146045 Option 2 ID: 94891146048 Option 3 ID: 94891146046 Option 4 ID: 94891146047 Status: Answered Chosen Option: 1

Q.18 ₹900 becomes ₹1,134 in 4 years at a certain rate of simple interest. If the rate of interest is increased by 3%, what amount will ₹900 become in 4 years?

Ans

- X 1. ₹1,200
- × 2. ₹1,234
- × 3. ₹1,248
- √ 4. ₹1,242

Question ID: 94891111957 Option 1 ID: 94891147828 Option 2 ID: 94891147826 Option 3 ID: 94891147825

Option 4 ID: 94891147827 Status: Answered

Chosen Option: 4

Q.19 Two ships are sailing in the sea on two sides of a lighthouse. The angles of elevation of top of the lighthouse as observed from the two ships are  $30^{\circ}$  and  $45^{\circ}$  respectively. If the light house is 90 m high, then the distance between the two ships is

Ans

- X 1. 90√3 m
- ✓ 2.  $90(\sqrt{3}+1)$  m
- X 3. 100 m
- $\times$  4. 90( $\sqrt{3}-1$ ) m

Question ID: 94891111971

Option 1 ID: 94891147883 Option 2 ID: 94891147881

Option 3 ID: 94891147884 Option 4 ID: 94891147882 Status: Answered

Chosen Option: 2

0.002 is what percent of 0.12?

- Ans X 1. 6%
  - **√** 2.  $\frac{5}{3}$ %
  - $\times$  3.  $\frac{3}{5}\%$
  - X 4. 5%

Question ID: 94891111958

Option 1 ID: 94891147830

Option 2 ID: 94891147832

Option 3 ID: 94891147831

Option 4 ID: 94891147829 Status: Answered

Q.21 Which of the following straits connects the Arctic Ocean to the Pacific Ocean?

Ans

- X 1. Norwegian Strait
- X 2. Beaufort Strait
- ✓ 3. Bering Strait
- X 4. Palk Strait

Question ID : 94891111525 Option 1 ID : 94891146099 Option 2 ID : 94891146100

Option 3 ID : 94891146097 Option 4 ID : 94891146098 Status : Answered

Chosen Option: 3

Q.22 A computer on the Internet is identified by:

Ans

- X 1. E-mail address of the owner
- X 2. cryptographic code
- X 3. password
- ✓ 4. IP address

Question ID: 94891111538

Option 1 ID : 94891146150

Option 2 ID : 94891146152

Option 3 ID : **94891146151** Option 4 ID : **94891146149** 

Status : Answered

Chosen Option: 4

Q.23 Raj told Rahul, "Yesterday, I defeated the father of the only sister of my maternal uncle." Whom did Raj defeat?

Ans

- ✓ 1. Mother's Father
- X 2. Father's Father
- X 3. Mother's Brother
- X 4. Father's Brother

Question ID: 94891111475

Option 1 ID: 94891145898

Option 2 ID: 94891145899

Option 3 ID: 94891145897

Option 4 ID : 94891145900

Status: Not Answered

Q.24 Which of the following describes a drainage pattern resembling a dome like structure? X 1. Trellis X 2. Dendritic X 3. Rectangular ✓ 4. Radial Question ID: 94891111522 Option 1 ID: 94891146087 Option 2 ID: 94891146088 Option 3 ID: 94891146085 Option 4 ID: 94891146086 Status: Answered Chosen Option: 4 Q.25 Select the option that will fill in the blank and complete the given series. C1D3, D2F5, \_\_\_\_\_, F4J9 Ans 1. E3H7 X 2. E3H6 X 3. E4H7 X 4. E3G7 Question ID: 94891111486 Option 1 ID: 94891145941 Option 2 ID: 94891145942 Option 3 ID: 94891145944 Option 4 ID: 94891145943 Status: Answered Chosen Option: 1 Q.26 Three of the given options are alike in a certain way and so form a group. Which of the four options does NOT belong to the group? Ans X 1. Eagle √ 2. Ostrich X 3. Kite X 4. Vulture Question ID: 94891111494 Option 1 ID: 94891145974 Option 2 ID: 94891145973 Option 3 ID: 94891145975 Option 4 ID: 94891145976 Status: Answered Chosen Option: 2

Q.27 The ratio of two numbers is 7:5. Their HCF is 3, their LCM is\_

Ans X 1. 42

X 2. 35

**3**. 105

X 4. 3

Question ID: 94891111952

Option 1 ID: 94891147808

Option 2 ID: 94891147806

Option 3 ID: 94891147807

Option 4 ID: 94891147805

Status: Answered

Chosen Option: 3

Which of the following is an 'Earth Observation Satellite'?

Ans 🗸 1. SARAL

X 2. INS-1A

X 3. Youthsat

X 4. APPLE

Question ID: 94891111530

Option 1 ID: 94891146117

Option 2 ID: 94891146120

Option 3 ID: 94891146118

Option 4 ID: 94891146119 Status: Answered

Chosen Option: 2

If  $\frac{7+2\sqrt{5}}{11+3\sqrt{5}} = a + b\sqrt{5}$ , then:

Ans 
$$\times$$
 1.  $a = 1$ ;  $b = \sqrt{5}$ 

$$\times$$
 2.  $a = \sqrt{5}$ ;  $b = 1$ 

$$\times$$
 3.  $a = \frac{1}{16}$ ;  $b = \frac{47}{76}$ 

✓ 4. 
$$a = \frac{47}{76}$$
;  $b = \frac{1}{76}$ 

Ouestion ID: 94891111953

Option 1 ID: 94891147812

Option 2 ID: 94891147811

Option 3 ID: 94891147809

Option 4 ID: 94891147810

Status: Answered

Q.30 When was the RTI Act passed by the Indian Parliament and when did it get the Presidential assent?

Ans

- X 1. September 2005, October 2005
- X 2. August 2005, September 2005
- X 4. November 2005, December 2005

Question ID : 94891111541 Option 1 ID : 94891146162 Option 2 ID : 94891146161 Option 3 ID : 94891146163 Option 4 ID : 94891146164

Status: Not Answered

Chosen Option: --

Q.31 In a certain code language, DEFECT is written as FEDTCE. How will DEARTH be written as in that language?

Ans

- X 1. ADEHRT
- √ 2. AEDHTR
- X 3. AEDHRT
- X 4. ADEHTR

Question ID : 94891111476 Option 1 ID : 94891145902

Option 2 ID : 94891145903 Option 3 ID : 94891145904

Option 4 ID : 94891145901 Status : Answered

Chosen Option: 2

Q.32 In how many categories did the Industrial Policy Resolution 1956 that formed the basis of 2<sup>nd</sup> 5 year plan classified the industriae?

Ans

- X 1. 5
- X 2. 4
- **3**. 3
- X 4. 2

Question ID: 94891111539

Option 1 ID: 94891146156

Option 2 ID: 94891146155

Option 3 ID: 94891146154

Option 4 ID: 94891146153

Status: Answered

Q.33 A hemispherical bowl of internal radius of 12 cm contains a liquid. This liquid is to be filled into conical shaped small bottles of base diameter 3 cm and height 4 cm. How many same type of bottles will be needed to empty the bowl?

Ans

X 1. 520

**2**. 384

X 3. 438

X 4. 400

Question ID: 94891111965

Option 1 ID: 94891147860 Option 2 ID: 94891147858 Option 3 ID: 94891147859

Option 4 ID : **94891147857** Status : **Answered** 

Chosen Option: 2

Q.34 The term 'Isotope' refers to:-

Ans

1 elements having same bond structure



elements having different atomic number but same mass number



elements having same atomic number but different mass number

X 4. elements having same physical and chemical properties

Question ID: 94891111514

Option 1 ID: 94891146056

Option 2 ID: 94891146053

Option 3 ID: 94891146054

Option 4 ID : 94891146055

Status : Answered

Chosen Option: 3

Q.35 As per UNESCO World Heritage Sites in India, identify the incorrect pair as per the year of inclusion.

Ans

X 1. Red Fort, Delhi - 2007

2. Sanchi Stupa (MP) - 1988

X 3. Fatehpur Sikri (UP) - 1986

★ 4. Agra Fort (UP) − 1983

Question ID: 94891111510

Option 1 ID: 94891146037

Option 2 ID: 94891146038

Option 3 ID: 94891146039

Option 4 ID: 94891146040

Status: Answered

Q.36 The price of a car is ₹6,25,000. It was insured to 80% of its price. The car was damaged completely, and the insurance company paid 90% of the insurance. What was the difference between the price of the car and the amount received?

Ans

X 1. ₹18,000

X 2. ₹1,50,000

X 3. ₹1,25,000

√ 4. ₹1,75,000

Question ID: 94891111959 Option 1 ID: 94891147836 Option 2 ID: 94891147835 Option 3 ID: 94891147833 Option 4 ID: 94891147834

Status: Answered

Chosen Option: 4

Q.37 Who presided over the first session of Indian National Congress?

Ans

X 1. Dada Bhai Naoroji

X 2. A.O. Hume

X 4. S. N. Bannerjee

Question ID: 94891111520
Option 1 ID: 94891146078
Option 2 ID: 94891146080
Option 3 ID: 94891146079
Option 4 ID: 94891146077

Status: Answered

Chosen Option: 3

Q.38 Seven houses A, B, C, D, E, F and H are built in a row (not necessarily in the same order) facing towards north. D is built at the extreme right. A and F are immediate neighbours of B. E is built immediate next to A. H is fourth to the right of B.

Three of the combinations listed in the options are alike in a certain way based on the position of the houses in the above arrangement. Identify the odd combination.

Ans

X 1. CA

X 2. HE

√ 3. BE

X 4. AF

Question ID : **94891111500** Option 1 ID : **94891145999** 

Option 2 ID: **94891145997**Option 3 ID: **94891146000**Option 4 ID: **94891145998** 

Status : Answered

Q.39 On which of the following rivers is Idukki H	On which of the following rivers is Idukki Hydroelectric Project built?				
Ans X 1. Ganga					
✓ 2. Periyar	100 to 10				
X 3. Tapti  ✓ 3. Tapti					
× 4. Kosi					
	Question ID: 94891111523 Option 1 ID: 94891146091 Option 2 ID: 94891146089 Option 3 ID: 94891146092 Option 4 ID: 94891146090 Status: Answered Chosen Option: 2				
Q.40 India and signed an agreement to build	Shahtoot Dam in Feb 2021				
Ans 1 Afghanistan	Change Dam III Co,2021.				
× 2. Pakistan	The Control of the Co				
× 3. Bangladesh					
The state of the s					
X 4. Bhutan					
	Question ID: 94891111504 Option 1 ID: 94891146013 Option 2 ID: 94891146015 Option 3 ID: 94891146016 Option 4 ID: 94891146014 Status: Answered Chosen Option: 3				
Q.41 The HCF of 17.5, 42 and 14 is  Ans X 1. 7					
× 2. 0.07					
<b>×</b> 3. 70					
<b>✓</b> 4. 0.7					
	Question ID : 94891111951 Option 1 ID : 94891147802 Option 2 ID : 94891147803 Option 3 ID : 94891147804 Option 4 ID : 94891147801 Status : Answered Chosen Option : 4				

X 2. 10 days X 3. 8 days √ 4. 6 days Question ID: 94891111962 Option 1 ID: 94891147846 Option 2 ID: 94891147847 Option 3 ID: 94891147848 Option 4 ID: 94891147845 Status: Answered Chosen Option: 4 Q.43 The interest on a sum of money at 10% p.a. for 2 years with interest being compounded annually is ₹630. Find the simple interest (in ₹) on the sum at the same rate of interest for 3 years. Ans X 1. 850 **2**. 900 X 3. 650 X 4. 950 Question ID: 94891111954 Option 1 ID: 94891147815 Option 2 ID: 94891147816 Option 3 ID: 94891147813 Option 4 ID: 94891147814 Status: Answered Chosen Option: 2 Who initiated the Young Bengal Movement? Ans X 1. Raja Ram Mohan Roy X 2. Denis Clive X 3. Ishwar Chandra Vidyasagar 4. Henry Vivian Derozio Question ID: 94891111518 Option 1 ID: 94891146072 Option 2 ID: 94891146071 Option 3 ID: 94891146070 Option 4 ID: 94891146069 Status: Answered

Chosen Option: 4

Q.42 P can complete a task in 10 days working 6 hours a day. Q can complete the same task in 9 days working 10 hours a day. If both P and Q work together working 6 hours a day, then in how many days can they complete the task?

Ans

X 1. 9 days

Q.45 Which of the following amendment granted financial powers to the panchayats and helped to strengthen the local government? Ans X 1. 74<sup>th</sup> Amendment × 2. 64<sup>th</sup> Amendment X 3. 63rd Amendment ✓ 4. 73<sup>rd</sup> Amendment Question ID: 94891111528 Option 1 ID: 94891146110 Option 2 ID: 94891146112 Option 3 ID: 94891146111 Option 4 ID: 94891146109 Status: Answered Chosen Option: 4 Find the value of  $\frac{(759+253)^2+(759-253)^2}{759\times759+253\times253}$ : 0.46 Ans X 1. 1012 X 2. 0 **3**. 2 X 4. 1 Question ID: 94891111944 Option 1 ID: 94891147774 Option 2 ID: 94891147776 Option 3 ID: 94891147773 Option 4 ID: 94891147775 Status: Answered Chosen Option: 3 Q.47 The members of phylum \_\_\_\_\_ are exclusively free-living marine animals. Ans X 1. Arthropoda X 2. Mollusca √ 3. Echinodermata X 4. Nematoda Question ID: 94891111515 Option 1 ID: 94891146058 Option 2 ID: 94891146057 Option 3 ID: 94891146059 Option 4 ID: 94891146060 Status: Answered Chosen Option: 1

Q.48 Which of the following are the two components of the CPU of a computer?

Ans

- X 1. Control unit and Bus
- ✓ 2. Control unit and ALU
- X 3. ALU and Bus
- X 4. Registers and Main memory

Question ID: 94891111536
Option 1 ID: 94891146144
Option 2 ID: 94891146142
Option 3 ID: 94891146141
Option 4 ID: 94891146143
Status: Answered

Chosen Option: 1

Q.49 Pipes A and B are fitted to a tank. A is the filling pipe and B can be used for filling or emptying at the same rate. When B is used for filling, it takes time 't' along with A to fill the tank. If it is used for emptying when A is filling the tank, the time taken for the tank to fill up would be '5t'. Find the ratio of the rates of A and B.

Ans

- X 1. 5:1
- X 2. 1:3
- **√** 3. 3:2
- X 4. 2:3

Question ID : 94891111963 Option 1 ID : 94891147852 Option 2 ID : 94891147851 Option 3 ID : 94891147850 Option 4 ID : 94891147849 Status : Not Answered

Chosen Option: --

Q.50 Five members A, B, C, D and E have different heights. They play one among different games namely cricket, football, chess, tennis and volley ball. No two members play same game. A is shorter than only two members and plays football. The tallest member among them plays chess. B is taller than E but shorter than D. E plays Tennis and he is not the shortest.

Who among them plays chess?

Ans

X 1. B

✓ 2. D

X 3. C

X 4. E

Question ID: 94891111502

Option 1 ID : **94891146007** Option 2 ID : **94891146006** Option 3 ID : **94891146005** 

Option 4 ID : 94891146008 Status : Not Answered

**Q.51** The positive value of m for which the roots of the equation  $12x^2 + mx + 6 = 0$  are in the ratio of 2:3 is \_\_\_\_\_.

Ans

- × 1. 6√3
- **√** 2. 10√3
- **X** 3. 5√3
- × 4. 30√3

Question ID: 94891111966

Option 1 ID: 94891147863 Option 2 ID: 94891147864

Option 3 ID : **94891147861** Option 4 ID : **94891147862** 

Status: Answered

Chosen Option: 2

Q.52 Solve the following:

 $1498 \times 1498 =$ \_\_\_\_\_.

Ans

- X 1. 22,56,004
  - **2** 22,44,004
  - X 3. 22,44,000
- X 4. 2,25,600

Question ID: 94891111946

Option 1 ID: 94891147782

Option 2 ID: 94891147784

Option 3 ID: 94891147783

Option 4 ID: 94891147781 Status: Answered

Chosen Option: 1

Q.53 Name the Dutch who helped Raja Ram Mohan Roy in the promotion of modern education in India?

Ans

- X 1. Derozio
- X 2. Grant Duff
- √ 3. David Hare
- X 4. Alexander Duff

Question ID: 94891111517

Option 1 ID: 94891146066

Option 2 ID: 94891146068

Option 3 ID: 94891146067

Option 4 ID : **94891146065** Status : **Answered** 

Q.54 Find the value of  $\frac{515.86 \times 515.86 - 314.87 \times 314.87}{...}$ : 200.99 Ans X 1. 200.19 X 2. 201 X 3. 83.073 4. 830.73

> Question ID: 94891111945 Option 1 ID: 94891147777 Option 2 ID: 94891147780 Option 3 ID: 94891147779 Option 4 ID: 94891147778 Status: Answered Chosen Option: 4

Q.55 Select the option that will fill in the blank and complete the given series.

0, 1, 8, 27, \_\_\_\_

Ans X 1. 54

× 2. 63

X 3. 56

4. 64

Question ID: 94891111484 Option 1 ID: 94891145936 Option 2 ID: 94891145934 Option 3 ID: 94891145935 Option 4 ID: 94891145933 Status: Answered

Chosen Option: 4

Q.56 Which of the following pairs of acid and the substance in which it is found is incorrectly matched?

Ans

1. Ascorbic acid – Tamarind

X 2. Lactic acid - Curd

X 3. Acetic acid - Vinegar

X 4. Oxalic acid - Spinach

Question ID: 94891111516 Option 1 ID: 94891146064 Option 2 ID: 94891146063 Option 3 ID: 94891146061 Option 4 ID: 94891146062 Status: Answered

X 2. 8 X 3. 7.5 X 4. 10 Question ID: 94891111973 Option 1 ID: 94891147891 Option 2 ID: 94891147892 Option 3 ID: 94891147889 Option 4 ID: 94891147890 Status: Answered Chosen Option: 1 Q.58 A, B and C together can complete a task in 16 days. After, three of them worked together for 2 days, A left. B and C continued for 9 more days and then B left. C completed the remaining work in 6 days. If C alone can complete the entire task in 24 days, then in how many days can B alone complete it? Ans √ 1. 36 days 💢 2. 35 days X 3. 30 days X 4. 32 days Question ID: 94891111961 Option 1 ID: 94891147843 Option 2 ID: 94891147844 Option 3 ID: 94891147842 Option 4 ID: 94891147841 Status: Answered Chosen Option: 4 Q.59 Sarkaria Commission was set up in 1983 to: Ans examine the feasibility of replacing the existing multiple taxes by an integrated Goods and Services Tax 2 recommend measures to clear backlog of cases in courts examine the relationship and balance of power between state and central governments and suggest changes X 4. make recommendations regarding reservations in civil services and posts Question ID: 94891111529 Option 1 ID: 94891146115

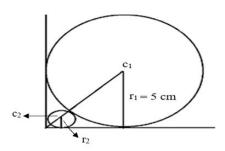
> Option 2 ID : 94891146114 Option 3 ID : 94891146116 Option 4 ID : 94891146113 Status : Answered

Chosen Option: 3

AB and CD are two chords of a circle. AB = 6 cm, CD = 8 cm and  $AB \parallel CD$ . If the distance between AB and CD is 7 cm and the centre of the circle lies in the interior of the quadrilateral ABCD, then find the radius of the circle (in cm).

Ans

Q.60 A circle having centre  $c_1$ , radius  $r_1 = 5$  cm is placed against a right angle. Another smaller circle having centre  $c_2$ , radius  $r_2$  is also placed touching the sides of angle and the bigger circle as shown in the figure. Find the radius,  $r_2$  in cm, of the smaller circle.



Ans

- $\times$  1. 3(5 + 2 $\sqrt{2}$ )
- $\times$  2.  $5(3+2\sqrt{2})$
- $\checkmark$  3.  $5(3-2\sqrt{2})$
- $\times$  4. 3(5 2 $\sqrt{2}$ )

Question ID : 94891111972 Option 1 ID : 94891147888 Option 2 ID : 94891147885 Option 3 ID : 94891147886

Option 3 ID : 94891147886 Option 4 ID : 94891147887 Status : Answered

Chosen Option: 3

Q.61 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 doctors are good.
- Some men are doctors.

## Conclusion:

- I. All good doctors are men.
- II. Some men are good.

Ans

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

Question ID: 94891111481

Option 1 ID: 94891145921

Option 2 ID: 94891145922

Option 3 ID: 94891145924

Option 4 ID: 94891145923

Status: Answered

Q.62 Which of the following is an example of an unorganised sector? Ans X 1 Banks √ 2. Farming X 3. Police X 4. Government jobs Question ID: 94891111540 Option 1 ID: 94891146159 Option 2 ID: 94891146157 Option 3 ID: 94891146160 Option 4 ID: 94891146158 Status: Answered Chosen Option: 2 Q.63 From which of the following countries has the aircraft Rafale been procured by Indian Defense ministry? X 1. Russia X 2. Israel √ 3. France X 4. Mexico Question ID: 94891111531 Option 1 ID: 94891146124 Option 2 ID: 94891146121 Option 3 ID: 94891146122 Option 4 ID: 94891146123 Status: Answered Chosen Option: 3 Q.64 The perimeters of two squares are 48 cm and 60 cm. Find the perimeter of a third square whose area is equal to the difference of the area of the squares. X 1. 32 cm × 2. 44 cm ✓ 3. 36 cm X 4. 40 cm Question ID: 94891111964 Option 1 ID: 94891147854 Option 2 ID: 94891147856 Option 3 ID: 94891147853 Option 4 ID: 94891147855 Status: Answered Chosen Option: 3

Q.65 Malala has penned a book on refugee girls titled:

Ans

X 1. We are exploited

X 2. Women Deprivation

X 4. We are Deprived

Question ID: 94891111505

Option 1 ID: 94891146020

Option 2 ID: 94891146019

Option 3 ID: 94891146017 Option 4 ID: 94891146018

Status: Answered

Chosen Option: 4

If  $x = 3 + \sqrt{5}$  and  $y = 3 - \sqrt{5}$ , then find the value of  $x^2 + y^2$ .

Ans X 1. 5

× 2. 14

**3**. 28

X 4. 4

Question ID: 94891111950

Option 1 ID: 94891147797

Option 2 ID: 94891147800

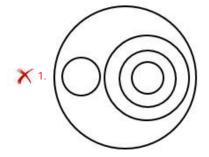
Option 3 ID: 94891147799 Option 4 ID: 94891147798

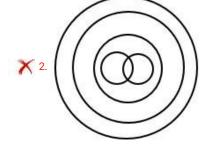
Status: Answered

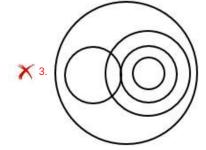


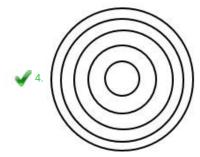
Real Numbers, Rational Numbers, Integers, Whole Numbers, Natural Numbers

Ans









Question ID : 94891111497 Option 1 ID : 94891145987 Option 2 ID : 94891145988 Option 3 ID : 94891145986 Option 4 ID : 94891145985

Status : Answered

Q.68 Ubuntu, Mint and Fedora are versions of:

- Ans X 1. MS DOS
  - X 2. Windows 10
  - √ 3. Linux
  - X 4. Apple MAC OS X

Question ID: 94891111537 Option 1 ID: 94891146145 Option 2 ID: 94891146148 Option 3 ID: 94891146147 Option 4 ID: 94891146146

Status: Answered Chosen Option: 2

Sundarbans in West Bengal is an example of:

Ans

- ✓ 1. mangrove forests
- × 2. tropical evergreen forests
- X 3. tropical deciduous forests
- X 4. montane forests

Question ID: 94891111511 Option 1 ID: 94891146044 Option 2 ID: 94891146042

Option 3 ID: 94891146041 Option 4 ID: 94891146043

Status: Answered

Chosen Option: 2

Q.70 MSP is the abbreviated form of:

Ans

- Minimum Stock Price
  - ✓ 2. Minimum Support Price
  - X 3. Maximum Sale Price
  - X 4. Maximum Support Price

Question ID: 94891111543

Option 1 ID: 94891146172

Option 2 ID: 94891146170 Option 3 ID: 94891146171

Option 4 ID: 94891146169

Status: Answered

perpendicular to AB and CD = 9 cm. Find the diameter of the semicircle. Ans X 1. 15 cm × 2. 7.5 cm X 3. 12 cm ✓ 4. 19.5 cm Question ID: 94891111969 Option 1 ID: 94891147875 Option 2 ID: 94891147873 Option 3 ID: 94891147874 Option 4 ID: 94891147876 Status: Answered Chosen Option: 4 Q.72 The sum of the prime numbers between the integer greater than 8 and less than 59 is Ans **1** 364 X 2. 365 X 3. 359 X 4. 361 Question ID: 94891111949 Option 1 ID: 94891147794 Option 2 ID: 94891147795 Option 3 ID: 94891147796 Option 4 ID: 94891147793 Status: Answered Chosen Option: 1 Q.73 Apart from the 22 scheduled languages in the Constitution of India, which other two languages have been recognised by the Sahitya Academy? Ans 1. Rajasthani and English X 2. English and Pali X 3. Haryanvi and Punjabi X 4. Prakrit and Rajasthani Question ID: 94891111509 Option 1 ID: 94891146033 Option 2 ID: 94891146035 Option 3 ID: 94891146034 Option 4 ID: 94891146036 Status: Answered Chosen Option: 4

Q.71 AB is the diameter of a semicircle. C is a point on line AB, AC = 6 cm, D is the point on the semicircle such that CD is

Q.74 The capacity of a cylindrical tank is 38,500 litres. If the height is 4 metres, then what is the diameter of the base?

Ans X 1. 7 m

✓ 2. 3.5 m

X 3. 17.5 m

X 4. 1.75 m

Question ID: 94891111967 Option 1 ID: 94891147867 Option 2 ID: 94891147866

Option 3 ID: 94891147868 Option 4 ID: 94891147865 Status: Answered

Chosen Option : 1

Q.75 Hirakud dam is built on the river:

Ans

√ ¹. Mahanadi

X 2 Brahmaputra

X 3. Godavari

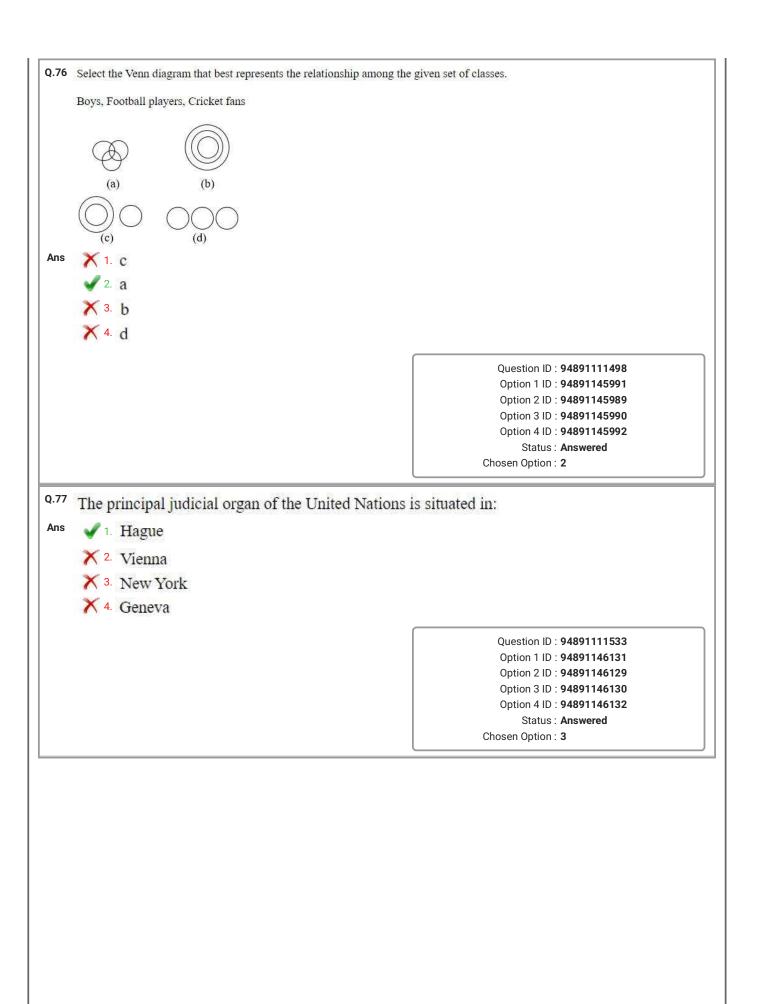
X 4. Ganga

Question ID: 94891111524

Option 1 ID: 94891146093 Option 2 ID: 94891146096

Option 3 ID: 94891146095

Option 4 ID: 94891146094 Status: **Answered** 



Q.78 There are 29 bones in the human head. Which of the following classifications is correct?

Ans X 1. Forehead-8, Facial-12, Ear-6, Hyoid-3

X 2. Forehead-8, Facial-12, Ear-8, Hyoid-1

✓ 3. Forehead-8, Facial-14, Ear-6, Hyoid-1

4 Forehead-8, Facial-14, Ear-4, Hyoid-3

Question ID : 94891111513 Option 1 ID : 94891146051 Option 2 ID : 94891146050 Option 3 ID : 94891146049 Option 4 ID : 94891146052

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

Q.79 The 'Sangai' festival is celebrated in which of the following states of India?

Ans X 1. Mizoram

X 2. Nagaland

X 3. Tripura

4. Manipur

Question ID: 94891111508 Option 1 ID: 94891146032 Option 2 ID: 94891146031

Option 3 ID : 94891146029 Option 4 ID : 94891146030 Status : Answered

Chosen Option: 2

Q.80 Who was the 1st Indian to be elected to the leadership of Communist International?

Ans X 1. Jawaharlal Nehru

X 2. Subhash Chandra Bose

X 3. Swami Vivekananda

4. Manabendra Nath Roy

Question ID: 94891111519

Option 1 ID : **94891146076** Option 2 ID : **94891146073** 

Option 3 ID : **94891146074** 

Option 4 ID: 94891146075

Status : Answered

Q.81 The commonwealth of nations, normally known as 'The Commonwealth' is a:

Ans

- √ 1 political association
- × 2. human rights association
- X 3. economic association
- X 4. social organisation

Question ID : 94891111534 Option 1 ID : 94891146134 Option 2 ID : 94891146136 Option 3 ID : 94891146135 Option 4 ID : 94891146133

Status: Answered

Chosen Option: 4

Q.82 Six boys B1, B2, B3, B4, B5 and B6 are sitting around a circular table facing towards the centre. (not necessarily in the same order). B1 sits second to the right of B4. B4 is neighbour of B6. B3 sits third to the left of B6. B2 is not neighbour of B1.

What is the position of B5 with respect to B2?

Ans

- X 1. Immediate left
- X 2. Second to the right
- X 3. Immediate right
- ✓ 4. Second to the left

Question ID: 94891111501 Option 1 ID: 94891146003 Option 2 ID: 94891146002

Option 3 ID : **94891146001**Option 4 ID : **94891146004**Status : **Answered** 

Chosen Option: 2

Q.83 A bag contains 50 paise, 25 paise and 10 paise coins in the ratio 9:5:6 amounting to ₹317.5. Find the number of coins of 25 paise.

Ans

X 1. 300

X 2. 450

**3**. 250

X 4. 600

Question ID: 94891111948

Option 1 ID: 94891147790

Option 2 ID: 94891147789

Option 3 ID: 94891147791 Option 4 ID: 94891147792

Status : Answered

Q.84 The LCM of two numbers is 315 and their HCF is 21, and the difference of the numbers is 42. The sum of the numbers

X 1. 83 Ans

**√** 2. 168

X 3. 105

X 4. 63

Question ID: 94891111947

Option 1 ID: 94891147788 Option 2 ID: 94891147787 Option 3 ID: 94891147785 Option 4 ID: 94891147786

Status: Answered

Chosen Option: 2

**Q.85** Two concentric circles form a circular path. The inner and outer circumferences of the path are  $56\frac{4}{7}$  m and  $94\frac{2}{7}$  m respectively. Find the width of the path.

Ans

X 1. 2 m

✓ 2. 6 m

X 3. 9 m

X 4. 3 m

Question ID: 94891111968

Option 1 ID: 94891147872 Option 2 ID: 94891147871 Option 3 ID: 94891147869 Option 4 ID: 94891147870

Status: Answered

Chosen Option: 4

Q.86 The given table provides the classification of employees in a private firm in the years 2000 and 2002.

Category of Employees	Number in 2000	Number in 2002
Managers	19	19
Accountants	115	154
Programmers	134	173
Technicians	116	120
Analysts	32	133
Peons	96	149

Which category of employees among the given options have registered the highest percentage growth from 2000 to

Ans

X 1. Programmers

X 2. Managers

✓ 3. Accountants

X 4. Technicians

Question ID: 94891111489

Option 1 ID: 94891145956 Option 2 ID: 94891145955

Option 3 ID: 94891145954 Option 4 ID: 94891145953

Status: Answered

#### Q.87 The given table provides the classification of employees in a private firm in the years 2000 and 2002.

Category of Employees	Number in 2000	Number in 2002
Managers	19	19
Accountants	115	154
Programmers	134	173
Technicians	116	120
Analysts	32	133
Peons	96	149

Based on the data provided above, which of the following statements is TRUE?

Ans



The total number of Programmers and Technicians in 2000 was less than 50% of the number of employees in these two categories in 2002.



The number of Programmers, Technicians and Analysts together was more than 50% of the total employees in 2000.



The percentage increase in the number of Programmers is higher than the percentage increase in the number of Peons.

**X** 4. The second highest increase in numbers from 2000 to 2002 was in category of Accountants.

> Question ID: 94891111490 Option 1 ID: 94891145959 Option 2 ID: 94891145958 Option 3 ID: 94891145957 Option 4 ID: 94891145960 Status: Not Answered

Chosen Option: --

## Q.88 Study the given table and answer the question that follows.

Category of Employees	Number in 2000	Number in 2002
Managers	19	19
Accountants	115	154
Programmers	134	173
Technicians	116	120
Analysts	32	133
Desire	06	140

What is the approximate percentage increase in total strength of all employees from 2000 to 2002?

Ans

X 1. 32%

X 2. 68%

**3**. 46%

X 4. 146%

Question ID: 94891111491

Option 1 ID: 94891145962 Option 2 ID: 94891145963

Option 3 ID: 94891145964

Option 4 ID: 94891145961 Status: Answered

Q.89 Study the given table and answer the question that follows.

Category of Employees	Number in 2000	Number in 2002
Managers	19	19
Accountants	115	154
Programmers	134	173
Technicians	116	120
Analysts	32	133
Peons	96	149

What is the approximate difference in the percentage increase of Accountants and Technicians between 2000 to 2002?

Ans

X 1. 22%

× 2. 25%

√ 3. 31%

X 4. 34%

Question ID: 94891111492 Option 1 ID: 94891145965 Option 2 ID: 94891145966 Option 3 ID: 94891145967 Option 4 ID: 94891145968

Status: Not Answered Chosen Option: --

Select the option that will fill in the blank and complete the given series.

11, 14, 19, 26, \_\_\_\_\_, 46

Ans 🗸 1. 35

× 2. 30

X 3. 34

**X** 4. 37

Question ID: 94891111483 Option 1 ID: 94891145931 Option 2 ID: 94891145929 Option 3 ID: 94891145930 Option 4 ID: 94891145932 Status: Answered

Chosen Option: 1

Q.91 Three of the given options are alike in a certain way and so form a group. Which of the four options does NOT belong to the group?

Ans

X 1. Roadways

2. Cargo

X 3. Shipping

X 4. Railways

Question ID: 94891111493 Option 1 ID: 94891145972 Option 2 ID: 94891145971 Option 3 ID: 94891145970 Option 4 ID: 94891145969

Status: Answered

Question ID: 94891111487
Option 1 ID: 94891145945
Option 2 ID: 94891145948
Option 3 ID: 94891145946
Option 4 ID: 94891145947
Status: Answered

Chosen Option: 2

Q.93 Read the given statement(s) and conclusions carefully and decide which of the given conclusions logically follow(s) from the statement(s).

### Statements:

1. All dogs are pets.

✗ 3. E07Q✗ 4. F06R

2. No pets is a tiger.

## Conclusion:

- I. All pets are dogs.
- II. No dog is a tiger.

Ans

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

Question ID : 94891111482 Option 1 ID : 94891145926 Option 2 ID : 94891145925 Option 3 ID : 94891145928 Option 4 ID : 94891145927 Status : Answered

Q.94 Group captain is selecting 5 members out of A, B, C, D, E, F, P, Q, R and T for his team. A, E and F can only be selected together. If B is selected, then neither Q nor D can be selected. C cannot be selected with E or F. Only one can be selected from B or T.

Which of the following selection is correct?

Ans

1. A, B, E, P, R

✓ 2. D, P, R, C, Q

X 3. B, P, R, C, T

X 4. A, B, C, E, F

Question ID : 94891111503 Option 1 ID : 94891146010 Option 2 ID : 94891146011 Option 3 ID : 94891146012 Option 4 ID : 94891146009

Status: Not Answered

Chosen Option: --

Q.95 In a certain code language, PROBLEM is written as PSMEHJG. How will SPRINGS be written as in that language?

Ans

X 1. SQPLJLS

√ 2. SQPLJLM

X 3. SQTLJLS

X 4. SOPLJLS

Question ID: 94891111477 Option 1 ID: 94891145906 Option 2 ID: 94891145905 Option 3 ID: 94891145907

Option 3 ID : **94891145907**Option 4 ID : **94891145908**Status : **Answered** 

Chosen Option: 2

Q.96 Select the option that is related to the third term in the same way as the second term is related to the first term.

Barber: Hair:: Tailor:?

Ans

X 1. Sew

X 2. Cut

✓ 3. Cloth

X 4. Shirt

Question ID: 94891111478

Option 1 ID : **94891145910** Option 2 ID : **94891145911** 

Option 3 ID : 94891145909

Option 4 ID: 94891145912

Status: Answered

Bricks : Kiln : : Coins : ? Ans ✓ 1. Mint X 2. Factory X 3. Laboratory X 4. Mine Ouestion ID: 94891111479 Option 1 ID: 94891145915 Option 2 ID: 94891145913 Option 3 ID: 94891145914 Option 4 ID: 94891145916 Status: Answered Chosen Option: 1 Select the option that will fill in the blank and complete the given series. LS, QY, VE, \_\_\_\_ Ans 🗸 1. AK × 2. AJ X 3. BK X 4. BJ Question ID: 94891111485 Option 1 ID: 94891145939 Option 2 ID: 94891145938 Option 3 ID: 94891145940 Option 4 ID: 94891145937 Status: Answered Chosen Option: 1 Q.99 Pointing to a photograph, a woman said to a man, "She is the only child of the sister of the only son of your paternal grandfather". How is the man related to the person in the picture? Ans X 1. Son √ 2. Mother's Brother's Son X 3. Father X 4. Father's Sister's Son Question ID: 94891111474 Option 1 ID: 94891145896 Option 2 ID: 94891145895 Option 3 ID: 94891145893 Option 4 ID: 94891145894 Status: Not Answered Chosen Option: --

Q.97 Select the option that is related to the third term in the same way as the second term is related to the first term.

Q.100 There are 20 pigeons, 10 cows, 15 dogs and some buffalos. If the total number of feet is 125 more than the heads, then what is the number of buffalos?

Ans







X 4. 15

Question ID: 94891111499

Option 1 ID : **94891145994**Option 2 ID : **94891145993**Option 3 ID : **94891145995** 

Option 4 ID : **94891145996** Status : **Not Answered** 

Chosen Option: --

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