





## 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	Horizon Technologies
Test Date	15/02/2021
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 I have four cans of paint—pink, blue, green and tan, manufactured by Garden, Hartley. Finesse and Indiana, not necessarily in the same order. One is an automobile paint, one is for marine application, the third is for doors and interiors and the fourth for exteriors. The green, which is not for interiors, is from Hartley. Indiana makes the blue paint and the pink is for automobiles. The exterior paint is produced by Finesse. Which company manufactures the tan paint?

Ans

X 1. Garden

√ 2. Finesse

X 3. Hartley

X 4. Indiana

Question ID: 94891110001 Option 1 ID: 94891140003 Option 2 ID: 94891140001 Option 3 ID: 94891140004

Option 4 ID : **94891140002** Status : **Answered** 

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Q.2 What does GAGAN, a satellite based navigation system, stand for?

Ans

- ★ 1. Geographical Advanced Geo Augmented Navigation
- X 2. Geological Advanced Geo Augmented Navigation
- ✓ 3. GPS Aided Geo Augmented Navigation
- A. Graphic Aided Geo Augmented Navigation

Question ID : 9489119731 Option 1 ID : 94891138924 Option 2 ID : 94891138923 Option 3 ID : 94891138921 Option 4 ID : 94891138922 Status : Answered

Chosen Option: 1

Q.3 A salesman offers 20% additional discount, after offering an initial discount of 25% on the labelled rate of a laptop. If the final sale price of the laptop is ₹18,000, then what was its labelled rate?

Ans

- X 1. ₹40,000
- × 2. ₹28,000
- X 3. ₹35,000
- √ 4. ₹30,000

Question ID: 9489119357 Option 1 ID: 94891137425 Option 2 ID: 94891137426 Option 3 ID: 94891137428 Option 4 ID: 94891137427 Status: Answered

Chosen Option: 4

Q.4 As per the Constitution of India, which of the following is NOT an eligibility criteria for the appointment of a State Governor?

Ans

- 1. He or she must be a citizen of India.
- 2. He or she must not hold any other office of profit.
- 3. He or she must have completed 35 years of age.

**4** 

He or she must have qualified for elections as a member of the Rajya Sabha.

Question ID: 9489119727 Option 1 ID: 94891138905 Option 2 ID: 94891138906 Option 3 ID: 94891138907

Option 4 ID : **94891138908** Status : **Answered** 





Q.5 Calculate the least perfect square, which is exactly divisible by each of 2, 5, 7, 8 and 10.

Ans

X 1. 19000

× 2. 18600

X 3. 19200

**4** 19600

Question ID: 9489119351 Option 1 ID: 94891137402 Option 2 ID: 94891137403

Option 2 ID: 94891137403 Option 3 ID: 94891137401 Option 4 ID: 94891137404

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

Q.6 What is the capital of the state, where the city that has been awarded the cleanest city for the third time from 2017 to 2019, is located?

Ans

X 1. New Delhi

2. Bhopal

X 3. Raipur

X 4. Lucknow

Question ID : 9489119706 Option 1 ID : 94891138821 Option 2 ID : 94891138822 Option 3 ID : 94891138823

Option 4 ID : **94891138824** Status : **Answered** 

Chosen Option: 2

Q.7 Which of the following is NOT a classification of Public Sector Undertakings (PSUs)?

Ans

1. State Private Sector Enterprises (SPSEs)

2. Public Sector Banks (PSBs)

➤ 3. Public Sector Enterprises (PSEs)

4. Central Public Sector Enterprises (CPSEs)

Question ID: 9489119739

Option 1 ID: **94891138956** Option 2 ID: **94891138955** 

Option 3 ID: **94891138953** Option 4 ID: **94891138954** 

Status : Answered





Q.8 Find the Highest Common Factor (H.C.F) of 108, 288 and 360.

Ans

X 1. 24

**2**. 36

X 3. 34

X 4. 26

Question ID: 9489119347

Option 1 ID: 94891137388 Option 2 ID: 94891137385 Option 3 ID: 94891137387 Option 4 ID: 94891137386

Status : **Answered** 

Chosen Option: 2

Q.9 Gold and silver are melted together in the ratio 8:12. If 30 kg of gold is consumed then find the weight of the melted mixture.

Ans

1. 75 kg

× 2. 60 kg

X 3. 58 kg

X 4. 70 kg

Question ID: 9489119358

Option 1 ID: 94891137431 Option 2 ID: 94891137430 Option 3 ID: 94891137429

Option 4 ID : **94891137432** Status : **Answered** 

Chosen Option: 1

Q.10 Who among the following has been the longest-serving chief minister of an Indian state?

An

1. Narendra Modi

× 2. Shivraj Singh Chouhan

X 3. Mulayam Singh Yadav

4. Pawan Kumar Chamling

Question ID: 9489119705

Option 1 ID: 94891138817 Option 2 ID: 94891138818 Option 3 ID: 94891138820

Option 4 ID: 94891138819

Status : Answered



Q.11

$$0.5 \times 0.5 + 0.09 - 0.15$$

Find the value of

0.125 + 0.027

Ans

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

Question ID: 9489119345

Option 1 ID : **94891137379** Option 2 ID : **94891137380** 

Option 3 ID: 94891137377 Option 4 ID: 94891137378

Status : **Answered** 

Chosen Option: 2

Q.12 The Botanical Survey of India is located at:

Ans

- X 1. Mysore
- X 2. New Delhi
- √ 3. Kolkata
- X 4. Mumbai

Adda

Question ID: 9489119712

Option 1 ID: 94891138845

Option 2 ID: 94891138846

Option 3 ID: 94891138847

Option 4 ID: 94891138848

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

Q.13 Calculate the greatest possible length which can be used to measure exactly the lengths 220 cm, 260 cm, and 300 cm.

Ans

- ✓ 1. 20 cm
- X 2. 15 cm
- X 3. 10 cm
- X 4. 25 cm

Question ID: 9489119349

Option 1 ID: 94891137395

Option 2 ID: 94891137394

Option 3 ID: **94891137393** Option 4 ID: **94891137396** 

Status : **Answered** 





Q.14 2 October 2019 marks the \_\_\_\_\_ birth anniversary of Mahatma Gandhi.

Ans

√ 1. 150<sup>th</sup>

X 2. 149<sup>th</sup>

X 3. 152<sup>th</sup>

X 4. 151th

Question ID: 9489119719

Option 1 ID: 94891138873 Option 2 ID: 94891138875 Option 3 ID: 94891138874 Option 4 ID: 94891138876

Status : Answered

Chosen Option : 1

Q.15 In a certain code language, DOOR is written as FRSW. How will FAN be written as in that language?

An

✓ 1. HDR

X 2. HBP

X 3. GBO

X 4. NAF

Question ID: 9489119976

Option 1 ID: 94891139901 Option 2 ID: 94891139903 Option 3 ID: 94891139902

Option 4 ID: 94891139904

Status: Answered

Chosen Option: 1

Q.16 'Startup India' is a flagship initiative of the Government of India, intended to catalyse startup culture and build a strong and inclusive ecosystem for innovation and entrepreneurship in India. This flagship initiative was launched on:

Ans

× 1. 26<sup>th</sup> January 2016

X 2. 16<sup>th</sup> January 2015

X 3. 26<sup>th</sup> January 2015

√ 4. 16<sup>th</sup> January 2016

Question ID: 9489119743

Option 1 ID: 94891138972 Option 2 ID: 94891138969

Option 3 ID : **94891138971** 

Option 4 ID: 94891138970

Status : Answered



**Q.17** If  $x^2 - 1$  is a factor of  $ax^4 + bx^3 + cx^2 + dx + e$ , then which of the following is a possible relation between the coefficients of powers of x

Ans

$$\sqrt{1}$$
 a + c + e = b + d

$$\times$$
 2.  $a + b + c = d + e$ 

$$\times$$
 3. b+c+d=a+e

$$\times$$
 4. a + b + e = c + d

Question ID: 9489119366 Option 1 ID: 94891137461 Option 2 ID: 94891137463 Option 3 ID: 94891137464 Option 4 ID: 94891137462

Status: Answered

Chosen Option: 1

Q.18 The first India International Science Festival (IISF) was held in December 2015 at:

Ans

✓ 1. IIT Delhi

X 2. IIT Guwahati

X 3. Indira Gandhi Pratishthan, Lucknow

X 4. CSIR - National Physical Laboratory, New Delhi

Question ID: 9489119730 Option 1 ID: 94891138918 Option 2 ID: 94891138919 Option 3 ID: 94891138917 Option 4 ID: 94891138920

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

Q.19 What is the full form of 'PARIVESH', a single window integrated system for environment, forest, wildlife and CRZ clearances launched in August 2018?

Ans



Programmable Active and Responsive facilitation by Interactive, Virtuous and Environmental Single-window Hub



Pro-Active and Responsive facilitation by Interactive, Virtuous and Environmental Single-window Hub



Performance based Active and Responsive facilitation by Interactive, Virtuous and Environmental Single-window Hub



Pradhanmantri Advanced and Responsive facilitation by Interactive, Virtuous and Environmental Single-window Hub

Question ID: 9489119735 Option 1 ID: 94891138938 Option 2 ID: 94891138939 Option 3 ID: 94891138940 Option 4 ID: 94891138937

Status : Answered





Q.20 A student goes to his college from his hostel at the speed of 4 km/h and returns at the speed of 3 km/h. If he takes 7 h in going and coming, the distance between his college and hostel is:

Ans

✓ 1. 12 km

X 2. 15 km

X 3. 16 km

X 4. 13 km

Question ID: 9489119363 Option 1 ID: 94891137451 Option 2 ID: 94891137450 Option 3 ID: 94891137452 Option 4 ID: 94891137449

Status: Answered

Chosen Option : 1

Q.21 If a lit candle is covered with a glass tumbler, the flame gets extinguished after some time. What is the reason for this?

Ans



Due to limited nitrogen the covered candle got extinguished after some time.



Due to limited oxygen the covered candle got extinguished after some time.



Due to limited sulphur the covered candle got extinguished after some time.



Due to limited carbon dioxide the covered candle got extinguished after some time.

Question ID: 9489119716
Option 1 ID: 94891138862
Option 2 ID: 94891138861
Option 3 ID: 94891138863
Option 4 ID: 94891138864
Status: Answered

Chosen Option: 2

Q.22 Which of the following rivers flows into the Arabian Sea?

Δne

X 1. Godavari

× 2. Luni

X 3. Krishna

4. Sabarmati

Question ID: 9489119726 Option 1 ID: 94891138903 Option 2 ID: 94891138904 Option 3 ID: 94891138901 Option 4 ID: 94891138902 Status: Answered





Q.23 Which of the following natural resources is an inexhaustible resource?

Ans

√ 1. Sunlight

X 2. Forests

X 3. Petroleum

X 4. Natural Gas

Question ID: 9489119711
Option 1 ID: 94891138843
Option 2 ID: 94891138844
Option 3 ID: 94891138841
Option 4 ID: 94891138842

Status : **Answered** 

Chosen Option: 2

Q.24 Find the two-digit number such that the sum of its digits is 8 and the digits of the number get reversed when 36 is added to it.

Ans

X 1. 35

**2**. 26

X 3. 71

X 4. 62

Question ID : 9489119367 Option 1 ID : 94891137465 Option 2 ID : 94891137468 Option 3 ID : 94891137466

Option 4 ID : **94891137467** Status : **Answered** 

Chosen Option: 2

Q.25 The Jammu and Kashmir Reorganisation Bill, 2019 was introduced in Rajya Sabha by the Minister of Home Affairs, Mr. Amit Shah. When did this act of Parliament receive the assent of the President?

Ans

√ 1. August 09, 2019

X 2. August 06, 2019

X 3. August 08, 2019

X 4. August 05, 2019

Question ID: 9489119728

Option 1 ID: **94891138912** Option 2 ID: **94891138910** 

Option 3 ID: **94891138911**Option 4 ID: **94891138909** 

Status : Answered





Q.26 The movement responsible for drifting of the continents was caused by the polar-fleeing force and tidal force. The polar-fleeing force is related to:

Ans

X 1 tides

✓ 2. rotation of the earth

X 3. gravitational attraction of the moon and sun

X 4. gravitation

Question ID: 9489119724 Option 1 ID: 94891138896 Option 2 ID: 94891138893 Option 3 ID: 94891138895 Option 4 ID: 94891138894 Status: Answered

Chosen Option: 4

Q.27 If 31 C 19 D 57 = 93 and 52 C 13 D 5 = 20, then 98 C 14 D 11 = ?

X 1. 73

**2**. 77

X 3. 75

X 4. 79

Question ID: 9489119997 Option 1 ID: 94891139988 Option 2 ID: 94891139987 Option 3 ID: 94891139986 Option 4 ID: 94891139985 Status: Answered

Chosen Option: 2

Q.28 Select the letter that will come next in the following series.

D, F, H, J, L, ?

Ans X 1. M

X 2. L

√ 3. N

X 4. O

Question ID: 9489119986 Option 1 ID: 94891139942 Option 2 ID: 94891139941 Option 3 ID: 94891139943

Option 4 ID: 94891139944 Status: Answered



Q.29 A statement is given, followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statement:

Most of the people like old songs.

Conclusions:

(I) Old songs are less costly as compared to new songs.

(II) Old songs touch listener's feelings better compared to new songs.

Ans

Neither Conclusion I nor II follows.

2. Both Conclusions I and II follow.

✓ 3. Only Conclusion II follows.

X 4. Only conclusion I follows.

Question ID: 9489119981

Option 1 ID: 94891139923 Option 2 ID: 94891139922 Option 3 ID: 94891139924 Option 4 ID: 94891139921

Status : **Answered** 

Chosen Option: 1

Q.30 Oil India Limited, a Central Public Sector Enterprise (CPSE), is a \_\_\_\_\_ company.

Ans

X 1 Maharatna

√ 2. Navratna

X 3. Miniratna Category-II

X 4. Miniratna Category-I

Question ID : 9489119741

Option 1 ID: 94891138961 Option 2 ID: 94891138962 Option 3 ID: 94891138964 Option 4 ID: 94891138963

Status : Answered





Q.31 Calculate the total surface area of a cone if its radius is  $\frac{r}{4}$  and slant Height is 4l.

Ans

$$\times$$
 1.  $2\pi r(l+r)$ 

$$\checkmark$$
 3.  $\pi r \left( l + \left( \frac{r}{16} \right) \right)$ 

$$\times$$
 4.  $\pi r(l+r)$ 

Question ID: 9489119364 Option 1 ID: 94891137453

Option 2 ID: 94891137456 Option 3 ID: 94891137454 Option 4 ID: 94891137455

Status : Answered

Chosen Option: 3

Q.32 A high level source program must be translated first into a form that the machine can understand. This is done using a software called the:

Ans

X 1. debugger

X 2. assembler

√ 3. compiler

X 4. controller

Question ID: 9489119737

Option 1 ID: 94891138946 Option 2 ID: 94891138945 Option 3 ID: 94891138947 Option 4 ID: 94891138948

Status : Answered

Chosen Option : 2

Q.33 Pick the odd one out.

Ans

X 1. Spoon

X 2. Fork

Ja. Pan

X 4. Knife

Question ID: 9489119995

Option 1 ID: 94891139978 Option 2 ID: 94891139979

Option 3 ID: 94891139977

Option 4 ID: 94891139980

Status: Answered





Q.34 A sum of money increases to ₹7,500 after 5 years and ₹9,200 after 7 years respectively at the same rate of simple interest. Find the approximate rate of interest per annum.

Ans

X 1. 28.3%

× 2. 27.4%

X 3. 25.3%

4. 26.2%

Question ID: 9489119359 Option 1 ID: 94891137433 Option 2 ID: 94891137434 Option 3 ID: 94891137436 Option 4 ID: 94891137435

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

Q.35 If the sum of five consecutive multiples of 2 is 660, then find the largest number.

Ans

X 1. 125

X 2. 162

X 3. 130

4. 136

Question ID : 9489119352 Option 1 ID : 94891137408 Option 2 ID : 94891137405 Option 3 ID : 94891137406 Option 4 ID : 94891137407

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

Q.36 The 'India Lounge', set up by the IBEF was inspired by the 'Make in India' programme. What does IBEF stand for?

Ans

1 India Branch Equity Foundation

× 2. India Brand Equal Foundation

3. India Brand Equality Foundation

4. India Brand Equity Foundation

Question ID: 9489119740

Option 1 ID : **94891138957** Option 2 ID : **94891138959** 

Option 3 ID : 94891138960

Option 4 ID: **94891138958** Status: **Answered** 





Q.37 As per the 2011 Census of India, approximately what percentage of the Indian population lives in urban areas?

Ans

X 1. 29.15%

√ 2. 31.15%

X 3. 28.15%

X 4. 30.15%

Question ID: 9489119723 Option 1 ID: 94891138890 Option 2 ID: 94891138899 Option 3 ID: 94891138891 Option 4 ID: 94891138892

Status : Answered

Chosen Option : 1

Q.38 Shadows are formed when objects come in the path of light.

Ans

X 1. translucent

X 2. transparent

X 3. luminous

4. opaque

Question ID: 9489119714 Option 1 ID: 94891138854 Option 2 ID: 94891138853 Option 3 ID: 94891138856 Option 4 ID: 94891138855

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

Q.39 Select the option that is related to the third term in the same way as the second term is related to the first term.

Pen: Writing:: EVM:?

Ans

X 1. Politician

X 2. VVPAT

✓ 3. Voting

X 4. Voter

Question ID: 9489119979

Option 1 ID: 94891139915

Option 2 ID: **94891139914**Option 3 ID: **94891139913** 

Option 4 ID: 94891139916

Status: Answered





Q.40 Calculate the positive number which when added by 15 is equal to 100 times the reciprocal of the number.

Ans

X 1. 10

X 2. 20

**3**. 5

**X** 4. 15

Question ID: 9489119353

Option 1 ID: 94891137411 Option 2 ID: 94891137412 Option 3 ID: 94891137409 Option 4 ID: 94891137410

Status : Answered

Chosen Option: 3

If x > 1, and  $x + \frac{1}{x} = \sqrt{29}$ , what is the value of  $x - \frac{1}{x}$ ?

Ans

X 1. 4

X 2. 2

**3**. 5

X 4. 3

Question ID: 9489119365

Option 1 ID: 94891137457 Option 2 ID: 94891137458 Option 3 ID: 94891137459 Option 4 ID: 94891137460

Status: Answered

Chosen Option: 3

Q.42 Al-Biruni wrote his book 'Kitab-ul-Hind' in which language?

An

√ 1. Arabic

X 2. Persian

X 3. Syriac

X 4. Sanskrit

Question ID: 9489119718

Option 1 ID : **94891138869** Option 2 ID : **94891138872** 

Option 3 ID: 94891138870 Option 4 ID: 94891138871

Status: Answered



**Q.43** A statement is given, followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Statement:

Nowadays, Indian cricket team plays very well.

Assumptions:

(I) The teams of other countries are not interested towards cricket.

(II) It is happening by chance.

Ans

X 1. Only assumption II is implicit.

× 2. Only assumption I is implicit.

X 3. Both assumptions I and II are implicit.

4. Neither assumptions I nor II are implicit.

Question ID : 9489119982 Option 1 ID : 94891139926 Option 2 ID : 94891139925 Option 3 ID : 94891139927 Option 4 ID : 94891139928 Status : Answered

Chosen Option: 1

- Q.44 Arrange the following historical events in their chronological order.
  - A. Nadir Shah invades India and attacks Delhi.
  - B. The Diwani of Bengal is transferred to the East India Company.
  - C. Humayun regains lost territories.
  - D. Ahmad Shah Abdali defeats the Marathas in the third battle of Panipat.

Ans

- X 1. C, D, A, B
- X 2. A, D, B, C
- √ 3. C, A, D, B
- X 4. C, A, B, D

Question ID: 9489119721

Option 1 ID: 94891138883 Option 2 ID: 94891138884 Option 3 ID: 94891138881

Option 4 ID : **94891138882** Status : **Answered** 





Q.45 Which country has played every FIFA Football World Cup since it began?

Ans

X 1. Germany

× 2. Spain

X 3. England

4. Brazil

Question ID: 9489119710
Option 1 ID: 94891138838
Option 2 ID: 94891138837
Option 3 ID: 94891138839
Option 4 ID: 94891138840

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

Q.46 The rate of change of momentum of an object is proportional to the applied unbalanced force in the direction of the force. This rule is known as:

Ans

1. Newton's Second Law of Motion

X 2. Newton's Fourth Law of Motion

X 3. Newton's First Law of Motion

X 4. Newton's Third Law of Motion

Question ID: 9489119715 Option 1 ID: 94891138858 Option 2 ID: 94891138860 Option 3 ID: 94891138857 Option 4 ID: 94891138859

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

Find the value of r such that the mean of the first r odd natural numbers is  $\frac{r^2}{16}$ .

Ans

1. 16

X 2. 18

**X** 3. 9

X 4. 27

Question ID : 9489119369

Option 1 ID: 94891137474 Option 2 ID: 94891137476 Option 3 ID: 94891137473 Option 4 ID: 94891137475

Status : Answered





Q.48 Who was awarded the Bal Shakti Puraskar-2019 for excellence in the field of innovation—a breakthrough technology for diagnosing pre-symptomatic protein energy malnutrition non-invasively by using paper?

Ans

- 1. Naisargik Lenka
- X 2. Aryamaan Lakhotia
- X 3. Arunima Sen
- 4. Mohammed Suhail Chinya Salimpasha

Question ID: 9489119707 Option 1 ID: 94891138826 Option 2 ID: 94891138828 Option 3 ID: 94891138825 Option 4 ID: 94891138827

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

Q.49 Which of the following is NOT a Himalayan Mountain Pass connecting Uttarakhand with Tibet?

An

- X 1. Mana Pass
- X 2. Niti Pass
- X 3. Mangsha Dhura
- 4. Shipki La

Question ID: 9489119717 Option 1 ID: 94891138865 Option 2 ID: 94891138868 Option 3 ID: 94891138867 Option 4 ID: 94891138866

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

Q.50 If a sum on compound interest becomes 4 times in 3 years, then with the same interest rate, the sum will become 64 times in:

Ans

- X 1. 8 years
- X 2. 15 years
- X 3. 12 years
- 4. 9 years

Question ID: 9489119360

Option 1 ID: 94891137439 Option 2 ID: 94891137440

Option 3 ID : **94891137438** 

Option 4 ID : **94891137437**Status : **Answered** 





Q.51 Lactose intolerance is:

Ans

X 1. characterised by adverse reactions to gluten



a condition where small intestines are unable to break down gluten



a condition in which the small intestines are unable to break down the sugars found in dairy products



a condition where fructose isn't efficiently absorbed into the blood

Question ID: 9489119713 Option 1 ID: 94891138850 Option 2 ID: 94891138852 Option 3 ID: 94891138849 Option 4 ID: 94891138851

Status: Answered

Chosen Option: 2

Q.52 Which city is known as 'Venice of the East' where the City Palace is located?

Ans

X 1. Manali

X 2. Mysore

X 3. Mumbai

4. Udaipur

Question ID: 9489119708

Option 1 ID: **94891138830** Option 2 ID: **94891138832** 

Option 3 ID: 94891138831 Option 4 ID: 94891138829

Status : Answered

Chosen Option: 2

Q.53 In a certain code language, PEN is written as 16514. How will INK be written as in that language?

Ans

1. 91411

X 2. 91310

X 3. 101411

X 4. 91311

Question ID: 9489119977

Option 1 ID : **94891139906** Option 2 ID : **94891139908** 

Option 3 ID: 94891139907

Option 4 ID: 94891139905

Status : Answered



The least value of  $2\sin^2\theta + 3\cos^2\theta$  is:

Ans

X 1. 1

X 2. 5

**X** 3. 3

**4**. 2

Question ID: 9489119368

Option 1 ID : **94891137469** Option 2 ID : **94891137472** 

Option 3 ID: 94891137471 Option 4 ID: 94891137470

Status : Answered

Chosen Option: 4

In triangle ABC, if  $sinAcosB = \frac{1}{4}$  and 3tanA = tanB, then  $cot^2A$  is equal to:

Ans

**/** 1. 3

X 2. 4

X 3. 2

X 4. 5

Question ID: 9489119370

Option 1 ID: 94891137478 Option 2 ID: 94891137479 Option 3 ID: 94891137477

Option 4 ID: 94891137480

Status: Answered

Chosen Option : 1

Q.56 First ever Khelo India Zanskar Winter Sports festival was inaugurated in January 2021 at

Ans

√ 1. Kargil

X 2. Manali

X 3. Srinagar

X 4. Gulmarg

Question ID: 9489119704

Option 1 ID: 94891138814

Option 2 ID: **94891138816**Option 3 ID: **94891138815** 

Option 4 ID: 94891138813

Status: Answered





Which one of the following is a non-metallic mineral?

Ans

X 1. Silver

X 2. Iron

X 3. Platinum

4. Sulphur

Question ID: 9489119722 Option 1 ID: 94891138885 Option 2 ID: 94891138887 Option 3 ID: 94891138886

Option 4 ID : **94891138888**Status : **Answered** 

Chosen Option: 4

Q.58 The headquarters of the UNEP is located at:

Ans

★ 1. Mandaluyong, Philippines

X 2. Johannesburg, South Africa

3. Nairobi, Kenya

X 4. Frankfurt, Germany

Question ID: 9489119733 Option 1 ID: 94891138931 Option 2 ID: 94891138932

Option 3 ID : 94891138929 Option 4 ID : 94891138930

Status: Answered

Chosen Option: 3

Q.59 Which of the following is the indigenously developed Beyond-Visual-Range Air-to-Air Missile (BVRAAM), successfully test-fired by the Indian Air Force in September 2018?

Ans

X 1. Dhanush

X 2. BrahMos

✓ 3. Astra

X 4. Prahaar

Dhanush

Question ID : **9489119732** Option 1 ID : **94891138926** 

Option 2 ID : **94891138927** Option 3 ID : **94891138925** Option 4 ID : **94891138928** 

Status : Answered





Q.60 The Speed of a microprocessor is known as:

Ans

X 1. Cycle Speed

X 2. Mega Speed

✓ 3. Clock Speed

X 4. Bit Rate

Question ID : 9489119736 Option 1 ID : 94891138942 Option 2 ID : 94891138943 Option 3 ID : 94891138944

Option 4 ID: 94891138941 Status: Answered

Chosen Option: 4

Q.61 Four cricketers, David, Rashid, Vijay and Kamal of the national team represent Kerala, Punjab, Maharashtra and West Bengal though not necessarily in that order. We have the following information about them:

(1) Two of them are bowlers and two are batsmen.

(2) David is from Kerala and Rashid is not from Punjab but he is a bowler.

(3) One of the batsmen is a Maharashtrian but Vijay is neither.

(4) The Kerala player is not a bowler.

Which of the following is a batsman-bowler pair?

Ans

X 1. Vijay - David

X 2. Rashid - Kamal

X 3. Vijay - Rashid

✓ 4. David - Vijay

Question ID : 94891110003

Option 1 ID: 94891140011 Option 2 ID: 94891140010 Option 3 ID: 94891140009 Option 4 ID: 94891140012

Status: Answered





Q.62 Find the value of sin78° + cos132°

Ans

√ 1. sin18°

× 2. cos18°

X 3. cos42°

X 4. sin42°

Question ID: 9489119372
Option 1 ID: 94891137486
Option 2 ID: 94891137485
Option 3 ID: 94891137488
Option 4 ID: 94891137487
Status: Answered

Chosen Option: 2

Q.63 In an examination, 45% of the students qualified and 79750 are not qualified. How many students appeared for the examination?

Ans

√ 1. 145000

X 2. 145250

X 3. 154000

X 4. 140000

Question ID: 9489119354 Option 1 ID: 94891137414 Option 2 ID: 94891137416 Option 3 ID: 94891137415

Option 4 ID: 94891137413 Status: Answered

Chosen Option: 1

Q.64 Out of 500 students in a college, 350 play cricket, 125 play kabaddi, 75 neither play cricket nor play kabaddi. Find the percentage of the number of the students who play both kabaddi and cricket.

Ans

X 1. 15%

X 2. 12%

√ 3. 10%

X 4. 20%

Question ID: 9489119355

Option 1 ID : **94891137420** Option 2 ID : **94891137418** 

Option 3 ID: 94891137419 Option 4 ID: 94891137417

Status : Answered



Q.65 You are given the following two statements:

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

Which of the following conclusions is/are true?

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

Ans

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

Question ID : 9489119978 Option 1 ID : 94891139911 Option 2 ID : 94891139910 Option 3 ID : 94891139912

Option 4 ID : **94891139909** Status : **Answered** 

Chosen Option: 2

Q.66 Suresh can finish a job in 10 days and Ramesh can finish it in 12 days. Calculate the fraction of the job that is remaining after they work on it together for 4 days.

Ans

× 1. 
$$\frac{8}{15}$$







Adda 247

Question ID: 9489119361 Option 1 ID: 94891137442 Option 2 ID: 94891137443 Option 3 ID: 94891137444 Option 4 ID: 94891137441

Status : Answered





Q.67 A revised version of the 'India-Bangladesh Land Boundary Agreement' was adopted by the two countries under which amendment to the Constitution of India?

Ans

- X 1. 98<sup>th</sup> Constitutional Amendment Bill, 2012
- × 2. 99<sup>th</sup> Constitutional Amendment Bill, 2014
- 3. 101<sup>st</sup> Constitutional Amendment Bill, 2016
- 4. 100<sup>th</sup> Constitutional Amendment Bill, 2015

Question ID: 9489119729
Option 1 ID: 94891138916
Option 2 ID: 94891138915
Option 3 ID: 94891138913
Option 4 ID: 94891138914

Status: Answered

Chosen Option: 4

Q.68 Which country became the 164<sup>th</sup> member of World Trade Organisation on 29 July 2016?

Ans

- √ 1. Afghanistan
- X 2. Liberia
- X 3. Kazakhstan
- X 4. Seychelles

Question ID: **9489119734**Option 1 ID: **94891138933** 

Option 2 ID: 94891138934 Option 3 ID: 94891138935 Option 4 ID: 94891138936

Status : Answered

Chosen Option: 1

Q.69 In a rhombus ABCD, if  $\angle ACB = 40^{\circ}$ , then  $\angle ADB = ?$ 

Ans

- X 1. 70°
- ✓ 2. 50°
- X 3. 45°
- X 4. 60°

Question ID: 9489119371

Option 1 ID : **94891137481** Option 2 ID : **94891137483** 

Option 3 ID: 94891137482 Option 4 ID: 94891137484

Status : Answered





Q.70 Select the option that is related to the third term in the same way as the second number is related to the first term.

SHOES: 19815519 :: SHIRT : ?

Ans

X 1. 19891821

X 2. 20189819

X 3. 19891819

4. 19891820

Question ID: 9489119980

Option 1 ID: 94891139917 Option 2 ID: 94891139919 Option 3 ID: 94891139920

Option 4 ID : **94891139918**Status : **Answered** 

Chosen Option: 4

Q.71 Select the INCORRECT pair.

Ans

X 1. TV-Remote

✓ 2. Car-Mechanic

X 3. Bus-Driver

X 4. Airplane-Pilot

Question ID: 9489119975

Option 1 ID: 94891139897 Option 2 ID: 94891139899 Option 3 ID: 94891139898

Option 4 ID: **94891139900** Status: **Answered** 

Chosen Option: 2

What is the difference between the biggest and the smallest fraction among  $\frac{2}{3}$ ,  $\frac{3}{4}$ ,  $\frac{4}{5}$  and  $\frac{5}{6}$ ?

Ans

 $\times$  1.  $\frac{1}{20}$ 

 $\times$  2.  $\frac{1}{30}$ 

**X** 3.  $\frac{1}{12}$ 

 $\checkmark$  4.  $\frac{1}{6}$ 

Question ID: 9489119344

Option 1 ID: 94891137375 Option 2 ID: 94891137376 Option 3 ID: 94891137374 Option 4 ID: 94891137373

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





Q.73 Which of the following web browsers is NOT a proprietary software?

Ans

- ★ 1. Internet Explorer
- ✓ 2. Mozilla Firefox
- X 3. Safari
- X 4. Opera

Question ID : 9489119738 Option 1 ID : 94891138949 Option 2 ID : 94891138950 Option 3 ID : 94891138951

Option 4 ID : **94891138952**Status : **Answered** 

Chosen Option: 4

Q.74 Three couples are sitting at a round table facing the centre. No more than two men (or two women) are sitting next to each other. No man is sitting next to his wife. B is sitting to the immediate left of C whose wife is sitting exactly opposite the latter. A and his wife are sitting on either side of the wife of C. Who are sitting to the immediate left and the immediate right of A?

Ans

- X 1 B and the wife of C
- X 2. The wives of C and B
- √ 3. The wives of B and C
- X 4. C and the wife of B

Question ID : 9489119999

Option 1 ID: 94891139995 Option 2 ID: 94891139994 Option 3 ID: 94891139993

Option 4 ID: 94891139996

Status: Not Answered

Chosen Option: --

Q.75 The sum of the first 20 terms of the series  $\frac{1}{5\times6} + \frac{1}{6\times7} + \frac{1}{7\times8} + \cdots$  is:

Ans

- X 1. 1.6
- X 2. 16
- X 3. 0.016
- 4. 0.16

Question ID : 9489119346

Option 1 ID: 94891137382

Option 2 ID: 94891137383

Option 3 ID: 94891137384

Option 4 ID: 94891137381

Status : **Answered** 





**Q.76** From a structural point of view, all ecosystems consist of abiotic and biotic factors. Which of the following is a biotic factor of an ecosystem?

Ans

- X 1. Temperature
- X 2. Atmospheric humidity
- X 3. Carbon dioxide
- 4. Green plants

Question ID: 9489119725

Option 1 ID: 94891138897 Option 2 ID: 94891138898 Option 3 ID: 94891138899 Option 4 ID: 94891138900

Status: Answered

Chosen Option: 4

Q.77 8 boys and 12 girls together can finish a project work in 5 days. If it takes 50 days for one boy alone to finish the same project, how many days are required for one girl alone to complete the same project work?

Ans

- X 1. 150
- X 2. 275
- **3.** 300
- X 4. 200

Question ID : 9489119362

Option 1 ID: 94891137445 Option 2 ID: 94891137448 Option 3 ID: 94891137446

Option 4 ID: 94891137447

Status: Answered

Chosen Option: 3

Calculate the value of  $\sqrt{80} + 4\sqrt{5}$  if  $2\sqrt{5} + \sqrt{125} = 7x$ 

Ans

- X 1. 6x
- × 2. 9x
- ✓ 3. 8x
- X 4. 7.5x

Question ID: 9489119350

Option 1 ID : 94891137397

Option 2 ID: 94891137398

Option 3 ID: 94891137400

Option 4 ID: 94891137399

Status : Answered





Q.79 Who is appointed as CEO of Air India Express in November 2020?

X 1. V Muraleedharan

✓ 2. Aloke Singh

X 3. Sunil Lamba

X 4. Rajeev Kumar

Question ID: 9489119742 Option 1 ID: 94891138968 Option 2 ID: 94891138965 Option 3 ID: 94891138967 Option 4 ID: 94891138966

Status: Answered

Chosen Option: 3

Q.80 P is the mid-point of side BC of a parallelogram ABCD such that  $\angle BAP = \angle DAP$ .

If AD = 10 cm, then CD = ?

Ans X 1. 10 cm

× 2. 8 cm

**√** 3. 5 cm

X 4. 6 cm

Question ID: 9489119373

Option 1 ID: 94891137492 Option 2 ID: 94891137491 Option 3 ID: 94891137489

Option 4 ID: 94891137490 Status: Answered

Chosen Option: 2

Q.81 A man buys a cycle for ₹1600 and sells it at a loss of 20%. What is the selling price of the cycle?

X 1. ₹1330

**√** 2. ₹1280

X 3. ₹1120

X 4. ₹1060

Question ID: 9489119356

Option 1 ID: 94891137423 Option 2 ID: 94891137422

Option 3 ID: 94891137421 Option 4 ID: 94891137424

Status: Answered





Q.82 The Gandhi Peace Prize awards for social, economic and political transformation through non-violence were instituted in the year:

Ans

**1.** 1995

X 2. 1985

X 3. 2001

X 4. 1990

Question ID: 9489119720 Option 1 ID: 94891138879 Option 2 ID: 94891138878 Option 3 ID: 94891138880 Option 4 ID: 94891138877

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

Q.83 Who was the author of the literary work 'Ratnavali'?

Ans

X 1. Chanakya

X 2. Shudraka

√ 3. Harshavardhana

X 4. Kalidasa

Question ID: 9489119709
Option 1 ID: 94891138835
Option 2 ID: 94891138834
Option 3 ID: 94891138836
Option 4 ID: 94891138833
Status: Answered

Chosen Option : 3

Q.84 Select the option that will fill in the blank and complete the given series.

E, G, J, N, \_\_\_

Ans

X 1. T

✓ 2. S

X 3. R

X 4. Q

Question ID: 9489119984

Option 1 ID: **94891139933**Option 2 ID: **94891139935**Option 3 ID: **94891139934** 

Option 4 ID : **94891139936** 

Status : Answered





**Q.85** Find the least number which when divided by 5 leaves no remainder, when divided by 4 leaves a remainder of 1, but when divided by 6 or 7, leaves a remainder of 5.

Ans

X 1. 400

X 2. 450

**3**. 425

X 4. 430

Question ID: 9489119348 Option 1 ID: 94891137389 Option 2 ID: 94891137392 Option 3 ID: 94891137390

Option 4 ID : **94891137391**Status : **Answered** 

Chosen Option: 3

Q.86 Ravi goes to a movie on the first Wednesday of every month. Last month he went for the movie on 6<sup>th</sup> August. Today he is going for the movie. What is today's date?

Ans

X 1. 2<sup>nd</sup> September

× 2. 4<sup>th</sup> September

√ 3. 3<sup>rd</sup> September

X 4. 1<sup>st</sup> September

Question ID: 9489119989

Option 1 ID: 94891139954 Option 2 ID: 94891139956 Option 3 ID: 94891139955

Option 4 ID: 94891139953 Status: Answered

Chosen Option: 3

Q.87 Read the information carefully and answer the question that follows.

A is older than M. G is older than M but younger than A. K is younger than R and M. M is older than R.

Who is youngest among all?

Ans

X 1. M

X 2. A

**√**3. K

X 4. R

Question ID: 9489119990

Option 1 ID: 94891139958 Option 2 ID: 94891139957 Option 3 ID: 94891139960

Option 4 ID: **94891139959** Status: **Answered** 





Q.88 If M is N's sister, O is N's wife, Q is the father of N, and P is the daughter of Q, then what is the relation between M and

Ans

★ 1. Mother-Daughter

× 2. Mother-in-law - Daughter-in-law

X 3. Sister-Brother

4. Sisters

Question ID : 9489119991 Option 1 ID : 94891139963 Option 2 ID : 94891139964

Option 3 ID : 94891139962 Option 4 ID : 94891139961 Status : Answered

Chosen Option: 4

Q.89 Mona ranked is 9<sup>th</sup> from the top and 36<sup>th</sup> from the bottom in a class. How many students are there in the class?

Ans

X 1. 46

**2**. 44

X 3. 45

X 4. 47

Question ID: 9489119992 Option 1 ID: 94891139966 Option 2 ID: 94891139968 Option 3 ID: 94891139967

Option 4 ID : 94891139965

Status : Answered

Chosen Option: 2

Q.90 Four girls A to D are going to dance classes wearing dresses of different colours (red, yellow, blue and white). Their areas are Chhau, Bharatanatyam, Manipuri and Kathak. The Kathak student is in yellow dress. D is in white dress. The Chhau dancer is wearing red dress. A is learning Manipuri. The girl learning Bharatanatyam is not in blue dress. The one in yellow dress is C. Which of the following combinations is correct with respect the given information?

Ans

✓ 1. B - Red - Chhau

X 2. D - White - Kathak

X 3. C - Yellow - Bharatanatyam

X 4. A - Blue - Kathak

Question ID: 94891110000 Option 1 ID: 94891139999

Option 2 ID: **94891139998**Option 3 ID: **94891140000**Option 4 ID: **94891139997** 

Status : **Answered** 





Q.91 Select the option that is related to the fourth term in the same way as the first term is related to the second term.

Uttarakhand: Mussoorie::?:Shillong

Ans

√ 1. Meghalaya

X 2. Assam

X 3. Sikkim

X 4. Arunachal Pradesh

Question ID: 9489119987

Option 1 ID: 94891139945 Option 2 ID: 94891139946 Option 3 ID: 94891139948

Option 4 ID : **94891139947** Status : **Answered** 

Chosen Option : 1

Q.92 Select the option that is related to the third term in the same way as the second term is related to the first term.

Gujarat : Gandhinagar :: Haryana : ?

Ans

X 1. Delhi

√ 2. Chandigarh

X 3. Panipat

X 4. Kurukshetra

Question ID: 9489119974

Option 1 ID: 94891139894 Option 2 ID: 94891139895 Option 3 ID: 94891139896

Option 4 ID : **94891139893**Status : **Answered** 

Chosen Option: 2

Q.93 What is 8 percent of 20 percent of 40?

Ans

X 1. 4.80

**2** 0.64

X 3. 0.80

X 4. 6.64

Question ID: 9489119998

Option 1 ID: 94891139990 Option 2 ID: 94891139992 Option 3 ID: 94891139989

Option 4 ID : 94891139991

Status : **Answered** 



Q.94 Select the option that will fill in the blank and complete the given series.

13, 17, 25, 37, 53, \_\_\_\_

Ans

X 1. 69

X 2. 63

**3**. 73

X 4. 65

Question ID: 9489119983

Option 1 ID: **94891139930** Option 2 ID: **94891139932** 

Option 3 ID : 94891139929

Option 4 ID: 94891139931 Status: Answered

Chosen Option : 3

 $\textbf{Q.95} \quad \text{If} \times \text{means divide,} + \text{means multiplication,} \div \text{means addition and} - \text{means subtraction, then find the value of}$ 

 $104 \times 13 + 9 \div 3 - 25 = ?$ 

Ans

X 1. 354

X 2. 100

**3**. 50

X 4. 118

Question ID: 9489119996

Option 1 ID: 94891139983

Option 2 ID: 94891139981

Option 3 ID: 94891139984 Option 4 ID: 94891139982

Status : Answered

Chosen Option: 3

Q.96 Pick the odd one out.

Ans

X 1. Garba

× 2. Jhumar

X 3. Bhangra

4. Kalaripayattu

Question ID: 9489119994

Option 1 ID: 94891139975

Option 2 ID: 94891139976

Option 3 ID: 94891139973

Option 4 ID: 94891139974

Status : **Answered** 





Q.97 A, B, C and D, members of a library, borrow books in Bengali, Gujarati, Tamil and Urdu, each of a different genre (biography, essay, novel and play). The essays and plays are in Bengali and Urdu respectively. A does not read Urdu or Tamil. B borrowed neither the Biography nor the Gujarati book. D who reads Tamil is not interested in plays. C and A borrowed Bengali book and a novel respectively. Which of the following language-genre combinations is correct with respect to the given information?

Ans

1. Tamil - Biography

X 2. Gujarati - Play

X 3. Gujarati - Biography

X 4. Tamil - Essay

Question ID: 94891110002 Option 1 ID: 94891140005

Option 2 ID: 94891140006 Option 3 ID: 94891140007 Option 4 ID: 94891140008

Status: Answered

Chosen Option: 3

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

13, 16, 22, 31, 43, \_\_\_\_

Ans X 1. 49

**2**. 58

X 3. 63

X 4. 53

Question ID: 9489119988

Option 1 ID: 94891139951

Option 2 ID: 94891139949 Option 3 ID: 94891139952

Option 4 ID: 94891139950

Status: Answered

Chosen Option: 2

Q.99 Pick the odd one out.

Ans

X 1. Soap

X 2. Oil

X 3. Shampoo

4. Comb

Question ID: 9489119993

Option 1 ID: 94891139971 Option 2 ID: 94891139969

Option 3 ID: 94891139970

Option 4 ID: 94891139972

Status: Answered





Q.100 Select the option that will fill in the blank and complete the given series.

6, 8, 12, 28, \_\_\_\_

Ans X 1. 256

**√** 2. 284

X 3. 60

X 4. 56

Question ID: 9489119985

Option 1 ID: 94891139938 Option 2 ID: 94891139937

Option 3 ID: 94891139939

Option 4 ID: 94891139940

Status: Answered

Chosen Option : 2

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