

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



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<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 If a student multiplied a number by  $\frac{3}{4}$  instead of  $\frac{4}{3}$ , then find the percentage of error in that calculation (approximate).

Ans

X 1. 53%

**2**. 44%

X 3. 73%

X 4. 48%

Question ID: 9489112155

Option 1 ID : **9489118620** Option 2 ID : **9489118617** 

Option 3 ID : **9489118619** Option 4 ID : **9489118618** 

Status : **Answered** 

Chosen Option: 2

Q.2 Calculate the least number that is exactly divisible by 12, 16, 24 and 32.

Ans

X 1. 102

X 2. 90

**3**. 96

X 4. 84

Question ID: 9489112144

Option 1 ID : 9489118576

Option 2 ID : 9489118575

Option 3 ID: 9489118574

Option 4 ID: 9489118573

Status: Answered

Q.3 A bus covers a distance of 5 km in 20 min. If its speed is decreased by 3 km/hr, then find the time taken by the bus to cover the same distance.

Ans

✓ 1. 25 min

X 2. 15 min

X 3. 30 min

X 4. 20 min

Question ID: 9489112162 Option 1 ID: 9489118646

Option 2 ID : **9489118647** Option 3 ID : **9489118645** Option 4 ID : **9489118648** 

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

If A = 26 and H = 19, then FASHION = ?

Ans

√ 1. 2126819181213

X 2. 2126819181217

X 3. 2126819181214

X 4. 2126819181215

Question ID: 9489112579

Option 1 ID : 94891110313 Option 2 ID : 94891110316 Option 3 ID : 94891110314

Option 4 ID : **94891110315** Status : **Answered** 

Chosen Option: 1

Q.5 Rajesh can finish a task in 4 days while Mahesh can finish the same task in 3 days. If both of them finish the task together and get paid ₹350 in total, then find the share of Rajesh.

Ans

X 1. ₹100

**√** 2. ₹150

X 3. ₹200

X 4. ₹140

Question ID: 9489112161

Option 1 ID: 9489118644 Option 2 ID: 9489118643

Option 3 ID: 9489118641 Option 4 ID: 9489118642

Status : **Answered** 

If D = 23 and T = 7, then EDITION = ?

Ans X 1. 2223187181215

√ 2. 2223187181213

X 3. 2223187181214

X 4. 2223187181216

Question ID: 9489112595

Option 1 ID: 94891110378 Option 2 ID: 94891110380

Option 3 ID: 94891110379 Option 4 ID: 94891110377

Status: Answered

Chosen Option: 2

Find the mean of the following distribution.

| x: | 5 | 6 | 7  | 8  | 9 |
|----|---|---|----|----|---|
| f: | 4 | 8 | 14 | 11 | 3 |

Ans

X 1. 8.325

× 2. 9.125

**√** 3. 7.025

X 4. 5.225

Question ID: 9489112170

Option 1 ID: 9489118680

Option 2 ID: 9489118678

Option 3 ID: 9489118679 Option 4 ID: 9489118677

Status: Marked For Review

Chosen Option: 1

Who among the following is known as the 'Father of Indian Cinema'?

Ans

X 1. Satyajit Ray

X 2. Prithviraj Kapoor

3. Dadasaheb Phalke

X 4. Raj Kapoor

Question ID: 9489112706

Option 1 ID: 94891110823

Option 2 ID: 94891110822

Option 3 ID: 94891110821 Option 4 ID: 94891110824

Status: Answered

Who is known as the founding father of Macroeconomics as a separate discipline?

Ans

- X 1. Adam Smith
- X 2. Amartya Sen
- X 4. Karl Marx

Question ID: 9489112741 Option 1 ID: 94891110962 Option 2 ID: 94891110964 Option 3 ID: 94891110961 Option 4 ID: 94891110963 Status: Not Answered

Chosen Option: --

Q.10 Which of the following is a single chip based device that is a complete processor in itself and is capable of performing arithmetic and logical operations?

Ans

- X 1. Operating system
- X 2. Modem
- √ 3. Microprocessor
- X 4. Multiprocessing

Question ID: 9489112738 Option 1 ID: 94891110951 Option 2 ID: 94891110950 Option 3 ID: 94891110949 Option 4 ID: 94891110952 Status: Answered

Chosen Option: 3

Q.11 Which of the following hills in India are known as the Blue Mountains?

- Ans X 1. Garo Hills
  - X 2. Khasi Hills
  - 3. Nilgiri Hills
  - X 4. Shivalik Hills

Question ID: 9489112722

Option 1 ID: 94891110885

Option 2 ID: 94891110886

Option 3 ID: 94891110888

Option 4 ID: 94891110887

Status: Answered

Q.12 If  $x = r \sin A \cos C$ ,  $y = r \sin A \sin C$  and  $z = r \cos A$ , then find the value of  $x^2 + y^2 + z^2$ 

- Ans  $\sqrt{1. r^2}$ 
  - × 2. 2r
  - X 3. 2r<sup>2</sup>
  - X 4. 0

Question ID: 9489112169

Option 1 ID: 9489118674 Option 2 ID: 9489118676 Option 3 ID: 9489118673

Option 4 ID: 9489118675 Status: Answered

Chosen Option: 1

Q.13 If '+' means 'x', 'x' means '-', and '\ddot' means '+', then which of the following would be the value of  $14 \div 2 + 8 \times 5$ ?

- X 1. 123
- X 2. 47
- **√** 3. 25
- X 4. 75

Question ID: 9489112586

Option 1 ID: 94891110343

Option 2 ID: 94891110341

Option 3 ID: 94891110342 Option 4 ID: 94891110344

Status: Answered

Chosen Option: 3

Q.14 Select the option that is related to the third term in the same way as the second term is related to the first term.

BLCM: FHGI:: KHWS:?

Ans

- X 1. OLAW
- X 2. OLSO
- X 3. ODSO
- √ 4. ODAO

Question ID: 9489112580

Option 1 ID: 94891110318

Option 2 ID: 94891110320

Option 3 ID: 94891110317

Option 4 ID: 94891110319

Status: Answered

Chosen Option :  ${\bf 2}$ 

Q.15 In a certain code language, G is written as 20 and E is written as 22. How will GREAT be written as in that language?

Ans
1. 20925267
2. 20922267
3. 20923267

Question ID: 9489112599
Option 1 ID: 94891110395
Option 2 ID: 94891110396
Option 3 ID: 94891110393
Option 4 ID: 94891110394
Status: Answered

Chosen Option: 2

Q.16 If the code for LETTER is written as 1252072218 and BLISS is written as 2129198, then which of the given options will be the code for COMMON?

Ans

X 1. 31152131512

X 4. 20924267

X 2. 31214131514

√ 3. 31513141214

X 4. 31513141113

Question ID: 9489112588
Option 1 ID: 94891110352
Option 2 ID: 94891110351
Option 3 ID: 94891110350
Option 4 ID: 94891110349
Status: Answered

Chosen Option: 3

Q.17 Mahesh sold  $\frac{3}{4}$  of his stock at a gain of 20% and the remaining stock at a gain of 15%. Find the total gain percentage (approximate).

Ans

**√** 1. 19%

X 2. 17%

X 3. 20%

X 4. 15%

Question ID : 9489112156 Option 1 ID : 9489118624 Option 2 ID : 9489118622 Option 3 ID : 9489118623

Option 4 ID : **9489118621**Status : **Answered** 

If  $\frac{154}{0.154} = \frac{15.4}{x}$ , then find the value of x.

- Ans X 1. 15.4
  - **√** 2. 0.0154
  - X 3. 1.54
  - X 4. 154

Question ID: 9489112146

Option 1 ID: 9489118583

Option 2 ID: 9489118581

Option 3 ID: 9489118582

Option 4 ID: 9489118584 Status: Answered

Chosen Option: 2

Q.19 The ability of the eye to focus on both, near and distant objects, by adjusting its focal length, is called the \_\_\_\_\_\_ of

Ans

- √ 1. accommodation
- × 2. suitability
- X 3. adjustment
- X 4. refractiveness

Question ID: 9489112714

Option 1 ID: 94891110853

Option 2 ID: 94891110855

Option 3 ID: 94891110854

Option 4 ID: 94891110856 Status: Marked For Review

Chosen Option: 4

Q.20 Find the smallest number by which 720 should be multiplied so that the product becomes a perfect square.

- X 1. 4
- X 2. 3
- X 3. 6
- **4**. 5

Question ID: 9489112149

Option 1 ID: 9489118594

Option 2 ID: 9489118596

Option 3 ID: 9489118595

Option 4 ID: 9489118593

Status: Answered

What is the full form of SLR in the context of economics?

Ans

- X 1. Stocks Liquidity Ratio
- √ 2. Statutory Liquidity Ratio
- X 3. Sterilisation Liquidity Ratio
- X 4. State Liquidity Ratio

Question ID: 9489112742
Option 1 ID: 94891110968
Option 2 ID: 94891110966
Option 3 ID: 94891110965
Option 4 ID: 94891110967
Status: Not Answered

Chosen Option: --

Q.22 The United Nations Conference on Environment and Development (UNCED) that was held in Brazil in 1992 is known as:

Ans

- X 1. BRICS Summit
- X 2. N S Summit
- √ 3. Earth Summit
- X 4. G-20 Summit

Question ID: 9489112734
Option 1 ID: 94891110933
Option 2 ID: 94891110936
Option 3 ID: 94891110934
Option 4 ID: 94891110935
Status: Not Answered

Chosen Option: --

Q.23 If the letters of the English alphabet are written in reverse order, which letter comes in the middle of the 13th letter and the 25th letter?

Ans

√ 1. H

X 2. I

X 3. G

X 4. M

Question ID: 9489112584 Option 1 ID: 94891110333

Option 2 ID: 94891110336
Option 3 ID: 94891110335
Option 4 ID: 94891110334

Status: Answered

Q.24 Sugarcane plants are one of the most efficient convertors of \_\_\_\_\_ into chemical energy. X 1. air X 2. juice √ 3. sunlight X 4. water Question ID: 9489112712 Option 1 ID: 94891110846 Option 2 ID: 94891110847 Option 3 ID: 94891110848 Option 4 ID: 94891110845 Status: Answered Chosen Option: 3 Q.25 Covalent bonds are formed by the sharing of electrons between two atoms so that both can achieve a completely filled \_shell. X 1. centre X 2. innermost X 3. proper 4. outermost Question ID: 9489112716 Option 1 ID: 94891110864 Option 2 ID: 94891110861 Option 3 ID: 94891110862 Option 4 ID: 94891110863 Status: Answered Chosen Option: 4 Q.26 The International Atomic Energy Agency (IAEA) was established in: Ans X 1. 1966 **2**. 1957 X 3. 1967 X 4. 1955 Question ID: 9489112735 Option 1 ID: 94891110940 Option 2 ID: 94891110939 Option 3 ID: 94891110937 Option 4 ID: 94891110938 Status: Marked For Review Chosen Option: 1

Q.27 Among the four numbers listed, three are alike in some manner and one is different. Select the one that is different from Ans X 1. 51600 **√** 2. 72900 X 3. 34700 X 4. 43700 Question ID: 9489112593 Option 1 ID: 94891110371 Option 2 ID: 94891110372 Option 3 ID: 94891110370 Option 4 ID: 94891110369 Status: Answered Chosen Option: 2 Sanchi Stupa is situated near the city of . Ans X 1. Jhansi √ 2. Bhopal X 3. Agra X 4. Gwalior Question ID: 9489112708 Option 1 ID: 94891110831 Option 2 ID: 94891110830 Option 3 ID: 94891110832 Option 4 ID: 94891110829 Status: Marked For Review Chosen Option: 2 Q.29 Who won the Women's Singles title in the 2020 Australian Open Tennis Tournament? √ 1. Sofia Kenin X 2. Petra Kvitova X 3. Simona Halep X 4. Naomi Osaka Question ID: 9489112704 Option 1 ID: 94891110815 Option 2 ID: 94891110816 Option 3 ID: 94891110814 Option 4 ID: 94891110813 Status: Marked For Review Chosen Option: 1

If 16 cot A = 12, then find the value of  $\frac{\sin A + \cos A}{\sin A - \cos A}$ .

- Ans 🗸 1. 7
  - X 2. 5
  - X 3. 8
  - X 4. 6

Question ID: 9489112168 Option 1 ID: 9489118670 Option 2 ID: 9489118671 Option 3 ID: 9489118672 Option 4 ID: 9489118669

Status: Answered Chosen Option: 1

Q.31 The nanosatellite designed and developed by Indian Institute of Technology, Kanpur for the purpose to provide data for agriculture and disaster monitoring was named as:

- X 1. Kalamsat
- 🗸 2. Jugnu
- X 3. STUDSAT
- X 4. ANUSAT

Question ID: 9489112730 Option 1 ID: 94891110920 Option 2 ID: 94891110919 Option 3 ID: 94891110917 Option 4 ID: 94891110918 Status: Not Answered

Chosen Option: --

Find the value of  $\frac{1}{4} + \frac{1}{4 \times 5} + \frac{1}{4 \times 5 \times 6}$  (rounded up to 2 decimals) Q.32

Ans

- **1.** 0.31
- X 2. 0.21
- X 3. 0.33
- X 4. 0.38

Question ID: 9489112147

Option 1 ID: 9489118587 Option 2 ID: 9489118586

Option 3 ID: 9489118585

Option 4 ID: 9489118588

Status: Answered

Q.33 How long will it take a sum of money invested at 6% p.a. on simple interest to increase its value by 50%?

Ans

- $\times$  1.  $3\frac{1}{8}$  years
- $\checkmark$  2.  $8\frac{1}{3}$  years
- **X** 3. 8 years
- X 4. 3 years

Question ID: 9489112159
Option 1 ID: 9489118635
Option 2 ID: 9489118634
Option 3 ID: 9489118633
Option 4 ID: 9489118636
Status: Answered

Chosen Option: 2

Q.34 Under which of the following Articles of the Constitution of India has an Inter-State Council been constituted for coordinating in inter-state disputes?

Ans

- X 1. Article 352
- X 2. Article 356
- X 3. Article 19
- ✓ 4. Article 263

Question ID: 9489112729
Option 1 ID: 94891110914
Option 2 ID: 94891110916
Option 3 ID: 94891110915
Option 4 ID: 94891110913

Status: Marked For Review

Chosen Option: 4

Q.35 The Gateway of India was built in the traditional \_\_\_\_\_\_ style to welcome King George V and Queen Mary to India in

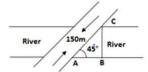
Ans

- √ 1. Indo-Saracenic style
- X 2. Western
- X 3. European
- X 4. Persian

Question ID : 9489112721 Option 1 ID : 94891110882 Option 2 ID : 94891110881 Option 3 ID : 94891110883 Option 4 ID : 94891110884

Status: Not Answered

Q.36 A bridge built across a river makes an angle of 45° with the river bank as shown in given figure. If the length of the bridge is 150 m, then what is the width of the river?



Ans

- × 1. 63√2 m
- $\sqrt{2}$  2. 75√2 m
- X 3. 70 m
- X 4. 65 m

Question ID : 9489112173
Option 1 ID : 9489118692
Option 2 ID : 9489118689
Option 3 ID : 9489118690
Option 4 ID : 9489118691
Status : Answered

Chosen Option : 2

Q.37 In 2018, the Union Government constituted a group of eminent persons to study the Special Economic Zones (SEZ) Policy of India. The group is chaired by \_\_\_\_\_\_.

Ans

- X 1. Anil Ambani
- X 2. Ratan Tata
- 🔀 3. Jaiprakash Gaur
- ✓ 4. Baba Kalyani

Question ID: 9489112739
Option 1 ID: 94891110953
Option 2 ID: 94891110955
Option 3 ID: 94891110956
Option 4 ID: 94891110954

Status: Marked For Review

Chosen Option: 3

Q.38 The states of Chhattisgarh, Uttarakhand and Jharkhand were created in the year \_\_\_\_\_.

Ans

- X 1. 2002
- **2.** 2000
- X 3. 1999
- X 4. 2001

Question ID: 9489112727

Option 1 ID : 94891110905

Option 2 ID: **94891110908**Option 3 ID: **94891110907** 

Option 4 ID : 94891110906

Status: Answered

**X** 3. ₹400 **√** 4. ₹480 Ouestion ID: 9489112160 Option 1 ID: 9489118640 Option 2 ID: 9489118638 Option 3 ID: 9489118639 Option 4 ID: 9489118637 Status: Answered Chosen Option: 4 Q.40 The dimensions of a metallic cuboid are 50 cm × 40 cm × 32 cm. This cuboid is melted and recast into a cube. Find the surface area of the cube. Ans X 1. 8,350 cm<sup>2</sup> × 2. 7.150 cm<sup>2</sup> X 3. 8,700 cm<sup>2</sup> ✓ 4. 9,600 cm<sup>2</sup> Question ID: 9489112166 Option 1 ID: 9489118663 Option 2 ID: 9489118662 Option 3 ID: 9489118661 Option 4 ID: 9489118664 Status: Answered Chosen Option: 4 Q.41 Ram is elder than Shyam and Shyam is younger than Abhijeet. Abhijeet celebrates his 18<sup>th</sup> birthday today. Abhijeet is younger than Sanjeev. Sanjeev, Ram and Shyam are brothers and Ram is the eldest among them. Which one of the brothers is NOT yet legally an adult? Ans X 1. Ram X 2. Sanjeev X 3. Abhijeet ✓ 4. Shyam Question ID: 9489112602 Option 1 ID: 94891110405 Option 2 ID: 94891110406 Option 3 ID: 94891110407 Option 4 ID: 94891110408 Status: Answered Chosen Option: 4

Q.39 Calculate the compound interest on a sum of ₹12,000 at 16% p.a. for 3 months, compounded quarterly.

Ans

X 1. ₹1200 X 2. ₹500 **Q.42** Find the value of k such that the equations 2x + 3y + 11 = 0 and 6x + ky + 33 = 0 represent coincident lines. X 1. 5 X 2. 12 **3**. 9 X 4. 6 Question ID: 9489112165 Option 1 ID: 9489118657 Option 2 ID: 9489118660 Option 3 ID: 9489118659 Option 4 ID: 9489118658 Status: Answered Chosen Option: 3 Q.43 If 70 is subtracted from two-third of a number, then the result is equal to the sum of 30 and one-fourth of that number. Find the number. Ans **1**. 240 X 2. 340 X 3. 200 X 4. 230 Question ID: 9489112151 Option 1 ID: 9489118604 Option 2 ID: 9489118602 Option 3 ID: 9489118603 Option 4 ID: 9489118601 Status: Answered Chosen Option: 1 Girnar Hills of Junagadh, Gujarat is famous for \_\_\_\_\_ Mangoes. Ans X 1. Alphonso × 2. Totapuri X 3. Dasheri ✓ 4. Kesar Question ID: 9489112723 Option 1 ID: 94891110891 Option 2 ID: 94891110892 Option 3 ID: 94891110889 Option 4 ID: 94891110890 Status: Marked For Review Chosen Option: 1

Ans √ 1. ₹71,440 × 2. ₹74,000 × 3. ₹72,540 × 4. ₹70,450 Question ID: 9489112157 Option 1 ID: 9489118625 Option 2 ID: 9489118627 Option 3 ID: 9489118626 Option 4 ID: 9489118628 Status: Answered Chosen Option: 1 Q.46 The Fiscal Responsibility and Budget Management Act (FRBMA) was introduced in the year \_\_\_ Ans 1. 2002 2. 2003 3. 2007 4. 2004 Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates. Question ID: 9489112740 Option 1 ID: 94891110960 Option 2 ID: 94891110959 Option 3 ID: 94891110957 Option 4 ID: 94891110958 Status: Not Answered Chosen Option: --Q.47 Lucknow is famous for which traditional art of embroidery? X 1. Phulkari × 2. Kantha 3. Chikankari work X 4. Patchwork Question ID: 9489112710 Option 1 ID: 94891110839 Option 2 ID: 94891110838 Option 3 ID: 94891110837 Option 4 ID: 94891110840 Status: Marked For Review Chosen Option: 3

Q.45 A company offers 5% discount on cash purchases. How much would Darshan pay, in cash, for a bike purchased from

the company, if the marked price is ₹75,200?

Q.48 Select the number from among the given options that can replace the question mark (?) in the following series.

126, 217, 344, ?

Ans

X 1. 614

X 2. 688

X 3. 470

**4**. 513

Question ID : 9489112600

Option 1 ID : **94891110400** Option 2 ID : **94891110399** 

Option 3 ID : **94891110397** 

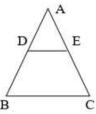
Option 4 ID: 94891110398

Status: Not Answered

Chosen Option: --

Q.49

In a given  $\triangle$  ABC, DE||BC and  $\frac{AD}{DB} = \frac{3}{5}$ . If AC = 5.6 cm, then find AE.



Ans

X 1. 4 cm

✓ 2. 2.1 cm

X 3. 3.2 cm

X 4. 1.8 cm

Question ID : 9489112172

Option 1 ID: 9489118688

Option 2 ID: 9489118685

Option 3 ID: 9489118686

Option 4 ID: 9489118687

Status: **Answered** 

Q.50 Select the number from among the given options that will come next in the following series. 290, 325, 362, .....
Ans 
1. 390 
2. 422

Question ID: 9489112601
Option 1 ID: 94891110402
Option 2 ID: 94891110404
Option 3 ID: 94891110401
Option 4 ID: 94891110403
Status: Answered

Chosen Option: 3

Q.51 When was the First Round Table Conference started?

Ans 

1. October 1929

2. November 1930

3. August 1932

✓ 3. 401X 4. 396

X 4. September 1931

Question ID: 9489112720
Option 1 ID: 94891110878
Option 2 ID: 94891110877
Option 3 ID: 94891110879
Option 4 ID: 94891110880
Status: Answered

Chosen Option :  $\boldsymbol{2}$ 

Q.52 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

#### Statement:

"The Indian cricket team is expected to win the World Cup in 2019" - Mahender Singh Dhoni.

# Assumptions:

I. Indian cricket team is good.

II. Indians want the Indian cricket team to win the World Cup 2019.

Ans

- 1 Both assumptions I and II are implicit.
- ✓ 2. Only assumption I is implicit.
- X 3. Only assumption II is implicit.
- X 4. Neither assumption I nor II is implicit.

Question ID: 9489112581 Option 1 ID: 94891110324 Option 2 ID: 94891110321 Option 3 ID: 94891110322 Option 4 ID: 94891110323

Status: Marked For Review Chosen Option: 1

Q.53 Ban Ki-Moon, the eighth Secretary General of UN, is from:

- Ans X 1. China
  - 🔀 2. Japan
  - √ 3. South Korea
  - X 4. North Korea

Question ID: 9489112733 Option 1 ID: 94891110930 Option 2 ID: 94891110932 Option 3 ID: 94891110931 Option 4 ID: 94891110929 Status: Not Answered

Question ID : 9489112167
Option 1 ID : 9489118666
Option 2 ID : 9489118667
Option 3 ID : 9489118665
Option 4 ID : 9489118668
Status : Answered
Chosen Option : 3

Q.55 Siraj ud-Daulah, the Nawab of Bengal, was defeated in the battle of Plassey in the year:

Ans X 1. 1752

× 2. 1755

X 3. 1756

**√** 4. 1757

Question ID : 9489112718
Option 1 ID : 94891110871
Option 2 ID : 94891110869
Option 3 ID : 94891110872
Option 4 ID : 94891110870
Status : Answered

Chosen Option: 4

Q.56 When was the Atomic Energy Commission set up to supervise atomic energy activities in India?

Ans X 1. August 1949

√ 2. August 1948

X 3. January 1948

X 4. December 1950

Question ID : 9489112732
Option 1 ID : 94891110925
Option 2 ID : 94891110928
Option 3 ID : 94891110927
Option 4 ID : 94891110926
Status : Not Answered

Q.57 Kerosene oil rises up in a wick of lantern because of:

Ans

- X 1. Osmosis
- 2. Capillarity
- X 3. Diffusion
- X 4. Gravitation

Question ID : **9489112711** Option 1 ID : **94891110844** Option 2 ID : **94891110843** 

Option 3 ID : 94891110842 Option 4 ID : 94891110841 Status : Answered

Chosen Option : 2

Q.58 If the sum of two numbers is 17 and the sum of their squares is 145, then find the numbers.

Ans

- ✓ 1. 8 and 9
- X 2. 10 and 7
- X 3. 11 and 6
- X 4. 5 and 12

Question ID: 9489112150

Option 1 ID : **9489118599** Option 2 ID : **9489118600** 

Option 3 ID: 9489118597 Option 4 ID: 9489118598

Status: Answered

Chosen Option: 1

Q.59

Find the H.C.F of  $\frac{2}{3}$ ,  $\frac{4}{9}$ ,  $\frac{8}{15}$  and  $\frac{10}{21}$ .

Ans

- $\times$  1.  $\frac{315}{4}$
- $\times$  3.  $\frac{4}{315}$
- $\times$  4.  $\frac{315}{2}$

Question ID: 9489112145

Option 1 ID: 9489118580

Option 2 ID: 9489118578

Option 3 ID : 9489118579

Option 4 ID: 9489118577

Status: Answered

Blood is a type of \_\_\_\_\_ tissue. Ans X 1. epithelial × 2. muscular √ 3. connective X 4. nervous Ouestion ID: 9489112715 Option 1 ID: 94891110857 Option 2 ID: 94891110859 Option 3 ID: 94891110858 Option 4 ID: 94891110860 Status: Answered Chosen Option: 3 Q.61 A set of accounts that summarises a country's transactions with the rest of the world is known as: Ans X 1. Capital Investment ✓ 2. Balance of Payments X 3. Budget X 4. Balance of Budget Question ID: 9489112725 Option 1 ID: 94891110900 Option 2 ID: 94891110898 Option 3 ID: 94891110899 Option 4 ID: 94891110897 Status: Not Answered Chosen Option: --Q.62 Calculate the least whole number, which when subtracted from both the terms of the ratio 5:6 gives a ratio less than 17:22. Ans X 1. 3 X 2. 5 **3**. 2 X 4. 4 Question ID: 9489112158 Option 1 ID: 9489118631 Option 2 ID: 9489118632 Option 3 ID: 9489118629 Option 4 ID: 9489118630 Status: Answered Chosen Option: 2

Q.63 Who was the flag bearer at the opening ceremony for India at the 2018 Asian Games? X 1 Rani Rampal X 2. P V Sindhu X 3. Manpreet Singh 4. Neeraj Chopra Question ID: 9489112705 Option 1 ID: 94891110817 Option 2 ID: 94891110820 Option 3 ID: 94891110819 Option 4 ID: 94891110818 Status: Not Answered Chosen Option: --Q.64 The speeds of A and B are in the ratio of 4:5 to cover a certain distance. If A takes 20 minutes more than B to reach the destination, then find the time taken by A to reach the destination.  $\times$  1.  $\frac{4}{3}$  hours  $\times$  2.  $\frac{3}{2}$  hours  $\checkmark$  3.  $\frac{5}{3}$  hours X 4. 2 hours Question ID: 9489112163 Option 1 ID: 9489118650 Option 2 ID: 9489118652 Option 3 ID: 9489118649 Option 4 ID: 9489118651 Status: Answered Chosen Option: 3 Modern electrical generator works on principle. X 1. Electrical Induction ✓ 2. Electromagnetic Induction X 3. Electrical Energy X 4. Magnetic Induction Ouestion ID: 9489112713 Option 1 ID: 94891110851 Option 2 ID: 94891110850 Option 3 ID: 94891110852 Option 4 ID: 94891110849 Status: Marked For Review

Q.66 Which of the following countries has been removed from the 'Currency Monitoring List' of major trading partners by the US Treasury Department in 2019? Ans X 1. Japan X 2. South Korea √ 3. India X 4. China Question ID: 9489112743 Option 1 ID: 94891110970 Option 2 ID: 94891110969 Option 3 ID: 94891110972 Option 4 ID: 94891110971 Status: Answered Chosen Option: 3 Q.67 From given options the number that will completely divide  $(3^{61} + 3^{62} + 3^{63} + 3^{64})$  is: X 1. 11 Ans X 2. 16 **3**. 30 X 4. 25 Question ID: 9489112153 Option 1 ID: 9489118610 Option 2 ID: 9489118612 Option 3 ID: 9489118609 Option 4 ID: 9489118611 Status: Answered Chosen Option: 3 Q.68 In the context of computers, the time taken to receive data from a storage device or to obtain data from a peripheral unit is known as Ans X 1. Downtime X 2. Time sharing √ 3. Access time X 4. Time slicing Question ID: 9489112737 Option 1 ID: 94891110945 Option 2 ID: 94891110947 Option 3 ID: 94891110948 Option 4 ID: 94891110946 Status: Answered Chosen Option: 3

Q.69 Name the region where "The Great Depression of 1929" started. Ans X 1. South America √ 2. North America X 3. Asia X 4. Europe Ouestion ID: 9489112724 Option 1 ID: 94891110896 Option 2 ID: 94891110895 Option 3 ID: 94891110893 Option 4 ID: 94891110894 Status : Not Attempted and Marked For Review Chosen Option: --Q.70 On 23 August 2018, launched the world's first blockchain bond named 'bond-i'. Ans 1 Reserve Bank of India X 2. Swiss Bank 3. World Bank X 4. State Bank of India Question ID: 9489112707 Option 1 ID: 94891110825 Option 2 ID: 94891110827 Option 3 ID: 94891110828 Option 4 ID: 94891110826 Status : Not Attempted and Marked For Review Chosen Option: --

Q.71 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:

- A. No mobile is a telephone.
- B. All telephone are TV.

#### Conclusions:

- 1. No mobile is a TV.
- 2. Some mobiles are TV.

Ans

- ★ 1. Only conclusion 1 follows.
- ✓ 2. Both conclusions 1 and 2 do not follow.
- 3. Only conclusion 2 follows.
- X 4. Both conclusions 1 and 2 follow.

Question ID : 9489112578 Option 1 ID : 94891110309 Option 2 ID : 94891110311 Option 3 ID : 94891110310 Option 4 ID : 94891110312

Status: Answered

Chosen Option: 2

**Q.72** A number when divided by 5 leaves a remainder 3. When the square of the same number is divided by 5, then the remainder is:

Ans

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

Question ID : 9489112152

Option 1 ID : 9489118608

Option 2 ID : **9489118607** Option 3 ID : **9489118605** 

Option 4 ID : **9489118606** 

Status: Answered

Chosen Option: 4

Q.73 Who wrote the lyrical poem 'My Mother at Sixty-Six'?

Ans

- √ ¹. Kamala Das
- X 2 Rabindranath Tagore
- X 3. Robert Frost
- X 4. Ashokamitran

Question ID: 9489112709

Option 1 ID: 94891110836

Option 2 ID: 94891110833

Option 3 ID: 94891110835

Option 4 ID : 94891110834

Status : Not Attempted and

Status : Not Attempted and Marked For Review

Ans X 1. KM Munshi X 2. Baldev Singh X 3. Jagjivan Ram 4. C Rajagopalachari Ouestion ID: 9489112728 Option 1 ID: 94891110909 Option 2 ID: 94891110912 Option 3 ID: 94891110911 Option 4 ID: 94891110910 Status: Not Answered Chosen Option: --Q.75 If the sum of number-clusters 395 and 727 is represented as 101112; and by the same code, the sum of number-clusters 276 and 957 is represented as 111213, then which of the following will be code for sum of number-clusters X 1. 141312 × 2. 131415 **√** 3. 141516 X 4. 121314 Question ID: 9489112587 Option 1 ID: 94891110346 Option 2 ID: 94891110347 Option 3 ID: 94891110348 Option 4 ID: 94891110345 Status: Answered Chosen Option: 3 Q.76 The Subsidiary Alliance was a non-intervention policy devised by \_\_\_\_\_ in 1798. Ans X 1. Lord Bentinck X 2. Lord Cornwallis ✓ 3. Lord Wellesley X 4. Lord Irwin Question ID: 9489112717 Option 1 ID: 94891110867 Option 2 ID: 94891110866 Option 3 ID: 94891110865 Option 4 ID: 94891110868 Status: Marked For Review Chosen Option: 3

Q.74 Who was the first recipient of the Bharat Ratna award and the founder of Swatantra Party (1959)?

- X 1. 1953
- × 2. 1950
- X 3. 1954
- **4**. 1955

Question ID: 9489112726 Option 1 ID: 94891110904

Option 2 ID: 94891110903 Option 3 ID: 94891110901 Option 4 ID: 94891110902

Status: Not Answered Chosen Option: --

 $^{Q.78}$  If  $\alpha$  and  $\beta$  are the zeros of the polynomial

$$f(x) = x^2 - 5x + k$$

such that  $\alpha - \beta = 1$ , then find the value of k.

- Ans X 1. 3
  - **2**. 6
  - X 3. 5
  - X 4. 4

Question ID: 9489112164

Option 1 ID: 9489118653

Option 2 ID: 9489118654

Option 3 ID: 9489118656 Option 4 ID: 9489118655

Status: Answered

Q.79 Find the missing value of p for the following distribution, whose mean is 12.58.

| x: | 5 | 8 | 10 | 12 | p | 20 | 25 |
|----|---|---|----|----|---|----|----|
| f: | 2 | 5 | 8  | 22 | 7 | 4  | 2  |

Ans

**1.** 15

× 2. 10

X 3. 20

X 4. 13

Question ID: 9489112171 Option 1 ID: 9489118683 Option 2 ID: 9489118682 Option 3 ID: 9489118684 Option 4 ID: 9489118681

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.80 Ajay, Sunil, Krishna and Sumit are good friends. They rent a house together at ₹15,000 per month. Ajay lives in this house for only 15 days in a month. Krishna and Sumit are also working and they decide to jointly contribute ₹10,000 as their share of the rent. Sunil lives in the house for the whole month. If Ajay and Sunil decide to contribute to the rent based on the number of days they live in the house, what would be the share of rent paid by Ajay, Sunil, Sumit and Krishna respectively?

Ans

- $\times$  1.  $\frac{1}{3}$ ,  $\frac{1}{3}$ ,  $\frac{2}{9}$ ,  $\frac{2}{3}$
- $\checkmark$  2.  $\frac{1}{9}$ ,  $\frac{2}{9}$ ,  $\frac{1}{3}$ ,  $\frac{1}{3}$
- $\times$  3.  $\frac{1}{9}$ ,  $\frac{1}{3}$ ,  $\frac{2}{9}$
- $\times$  4.  $\frac{1}{3}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{4}$

Question ID : 9489112603 Option 1 ID : 94891110411 Option 2 ID : 94891110410 Option 3 ID : 94891110409 Option 4 ID : 94891110412

Status: Answered

Q.81 Who among the following made the remark "South Africa was the making of the Mahatma"?

Ans

- X 1. Bal Gangadhar Tilak
- Chandran Devanesan
- X 3. Bipin Chandra Pal
- X 4. Jawaharlal Nehru

Question ID: 9489112719 Option 1 ID: 94891110874 Option 2 ID: 94891110876 Option 3 ID: 94891110875 Option 4 ID: 94891110873

Status: Marked For Review

Chosen Option: 2

Q.82 If 370 students appeared for an examination, of which 352 passed, then find the pass percentage (approximate).

Ans

- X 1. 86%
- X 2. 90%
- X 3. 97%
- 4. 95%

Question ID: 9489112154 Option 1 ID: 9489118616 Option 2 ID: 9489118615 Option 3 ID: 9489118613 Option 4 ID: 9489118614

Status: Answered

Chosen Option: 4

A topical gel to protect the skin of farmers from pesticides is developed by the:

- ✓ 1. Institute for Stem Cell Science and Regenerative Medicine
- × 2. Indian Institute of Toxicology Research
- X 3. National Botanical Research Institute
- X 4. Indian Agricultural Research Institute

Question ID: 9489112731

Option 1 ID: 94891110922 Option 2 ID: 94891110921

Option 3 ID: 94891110923

Option 4 ID: 94891110924 Status: Not Answered

If  $a = \frac{\sqrt{3}+1}{\sqrt{3}-1}$  and  $b = \frac{\sqrt{3}-1}{\sqrt{3}+1}$ , then find the value of  $a^2 + b^2 - 4$ .

Ans X 1. 12

X 2. 11

X 3. 14

**4**. 10

Question ID: 9489112148

Option 1 ID: 9489118590

Option 2 ID: 9489118589

Option 3 ID: 9489118592

Option 4 ID: 9489118591

Status: Answered

Chosen Option: 4

Q.85 Which one is not an e-shopping website from the following?

X 1. www.pepperfry.com

✓ 2. www.twitter.com

X 3. www.jabong.com

X 4. www.flipkart.com

Question ID: 9489112736

Option 1 ID: 94891110944

Option 2 ID: 94891110941

Option 3 ID: 94891110943

Option 4 ID: 94891110942 Status: Answered

Q.86 The table below provides the percentage of marks obtained by students, A, B, C, D and E in each of the six semesters. Study the table and answer the following question.

| Students | 1 <sup>st</sup> Sem | 2 <sup>nd</sup> Sem | 3 <sup>rd</sup> Sem | 4 <sup>th</sup> Sem | 5 <sup>th</sup> Sem | 6 <sup>th</sup> Sem |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Α        | 74                  | 79                  | 73                  | 78                  | 72                  | 86                  |
| В        | 55                  | 51                  | 68                  | 53                  | 72                  | 69                  |
| С        | 40                  | 43                  | 50                  | 52                  | 60                  | 66                  |
| D        | 59                  | 59                  | 58                  | 57                  | 59                  | 57                  |
| E        | 66                  | 76                  | 71                  | 81                  | 89                  | 92                  |

The percentage of marks in 1st semester of which of the following students is nearest to the average percentage of marks of all the students in the same semester?

Ans









Question ID: 9489112589 Option 1 ID: 94891110353 Option 2 ID: 94891110356 Option 3 ID: 94891110355

Option 4 ID : **94891110354**Status : **Answered** 

Chosen Option: 4

Q.87 The table below provides the percentage of marks obtained by students, A, B, C, D and E in each of the six semesters. Study the table and answer the following question.

| Students | 1 <sup>st</sup> Sem | 2 <sup>nd</sup> Sem | 3 <sup>rd</sup> Sem | 4 <sup>th</sup> Sem | 5 <sup>th</sup> Sem | 6 <sup>th</sup> Sem |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Α        | 74                  | 79                  | 73                  | 78                  | 72                  | 86                  |
| В        | 55                  | 51                  | 68                  | 53                  | 72                  | 69                  |
| С        | 40                  | 43                  | 50                  | 52                  | 60                  | 66                  |
| D        | 59                  | 59                  | 58                  | 57                  | 59                  | 57                  |
| E        | 66                  | 76                  | 71                  | 81                  | 89                  | 92                  |

What is the approximate absolute difference between the overall percentage of A and E for the six semesters?

Ans

X 1. 4%

X 2. 6%

X 3. 12%

V 4. 2%

Question ID: 9489112590

Option 1 ID: 94891110357 Option 2 ID: 94891110359

Option 3 ID : **94891110360** Option 4 ID : **94891110358** 

Status: Answered

Q.88 The table below provides the percentage of marks obtained by students, A, B, C, D and E in each of the six semesters. Study the table and answer the following question.

| Students | 1 <sup>st</sup> Sem | 2 <sup>nd</sup> Sem | 3 <sup>rd</sup> Sem | 4 <sup>th</sup> Sem | 5 <sup>th</sup> Sem | 6th Sem |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------|
| Α        | 74                  | 79                  | 73                  | 78                  | 72                  | 86      |
| В        | 55                  | 51                  | 68                  | 53                  | 72                  | 69      |
| С        | 40                  | 43                  | 50                  | 52                  | 60                  | 66      |
| D        | 59                  | 59                  | 58                  | 57                  | 59                  | 57      |
| E        | 66                  | 76                  | 71                  | 81                  | 89                  | 92      |

Which semester shows the highest improvement in percentage of marks considering average of marks obtained by all the students for the semester?

Ans









Question ID: 9489112591 Option 1 ID: 94891110364 Option 2 ID: 94891110361

Option 3 ID : **94891110362** Option 4 ID : **94891110363** Status : **Answered** 

Chosen Option: 4

Q.89 The table below provides the percentage of marks obtained by students, A, B, C, D and E in each of the six semesters. Study the table and answer the following question.

| Students | 1 <sup>st</sup> Sem | 2 <sup>nd</sup> Sem | 3 <sup>rd</sup> Sem | 4 <sup>th</sup> Sem | 5 <sup>th</sup> Sem | 6 <sup>th</sup> Sem |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| А        | 74                  | 79                  | 73                  | 78                  | 72                  | 86                  |
| В        | 55                  | 51                  | 68                  | 53                  | 72                  | 69                  |
| С        | 40                  | 43                  | 50                  | 52                  | 60                  | 66                  |
| D        | 59                  | 59                  | 58                  | 57                  | 59                  | 57                  |
| E        | 66                  | 76                  | 71                  | 81                  | 89                  | 92                  |

Which student has the highest percentage of improvement from the  $1^{st}$  to  $6^{th}$  semester?

Ans

X 1. E

X 2. A

**√** 3. C

X 4. B

Question ID: 9489112592

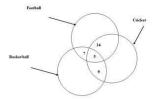
Option 1 ID: 94891110368

Option 2 ID: 94891110365

Option 3 ID : **94891110367** Option 4 ID : **94891110366** 

Status : **Answered** 

### Q.90 Observe the given figure and answer question below:



If 50 play football, 40 play cricket and 30 play basketball, then what is the number of players who play basketball but not Cricket?

Ans

X 1. 11

X 2. 30

**3**. 16

X 4. 21

Question ID: 9489112597

Option 1 ID : **94891110387** Option 2 ID : **94891110385** 

Option 3 ID : **94891110388** Option 4 ID : **94891110386** Status : **Answered** 

Chosen Option: 3

Q.91 Among the four words listed, three are alike in some manner and one is different. Select the odd one.

Ans

X 1. Verb

√ 2. Sentence

X 3. Adjective

X 4. Noun

Question ID: 9489112594

Option 1 ID: 94891110373

Option 2 ID : 94891110374

Option 3 ID : **94891110376** Option 4 ID : **94891110375** 

Status : Answered

Ans ✓ 1. Cow X 2. Rhinoceros X 3. Lion X 4. Leopard Question ID: 9489112575 Option 1 ID: 94891110298 Option 2 ID: 94891110299 Option 3 ID: 94891110297 Option 4 ID: 94891110300 Status: Marked For Review Chosen Option: 1 Q.93 In a certain code language, YES is written as 435 and TOP is written as 709. How will POST be written in that Ans 🗸 1. 9057 X 2. 9035 X 3. 6057 X 4. 9052 Question ID: 9489112574 Option 1 ID: 94891110295 Option 2 ID: 94891110296 Option 3 ID: 94891110293 Option 4 ID: 94891110294 Status: Answered Chosen Option: 1 Q.94 In a group of 60 students, 65% mentioned their gender as 'Male' and 30% mentioned their gender as 'Female'. How many students have NOT mentioned their gender? Ans X 1. 2 **3**. 3 X 4. 4 Question ID: 9489112596 Option 1 ID: 94891110381 Option 2 ID: 94891110384 Option 3 ID: 94891110382 Option 4 ID: 94891110383 Status: Answered Chosen Option: 3

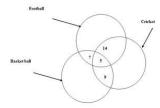
Q.92 Select the option that is related to the third term in the same way as the second term is related to the first term.

India: Tiger:: Nepal:?

9:729::11:? Ans X 1. 1024 X 2. 991 **√** 3. 1331 X 4. 112 Question ID: 9489112585 Option 1 ID: 94891110339 Option 2 ID: 94891110338 Option 3 ID: 94891110340 Option 4 ID: 94891110337 Status: Answered Chosen Option: 3 Q.96 If the code for LOCK is written as LAND POWER TACT AWAKE, then which of the given options will be the code for Ans 1. PAIR POWER CASH SETUP X 2 PEER DOTS SOME TECH X 3. PLATO OFFER REST ROAD 4. PEACE ROAD DISH EDIT Question ID: 9489112576 Option 1 ID: 94891110303 Option 2 ID: 94891110302 Option 3 ID: 94891110301 Option 4 ID: 94891110304 Status: Answered Chosen Option: 4 Q.97 A is the paternal grandfather of B, D is the brother of A and E is the son of D. How is E related to B? X 1. Grandfather X 2. Cousin X 3. Brother 4. Paternal Uncle Question ID: 9489112577 Option 1 ID: 94891110306 Option 2 ID: 94891110308 Option 3 ID: 94891110307 Option 4 ID: 94891110305 Status: Answered Chosen Option: 4

Q.95 Select the option that is related to the third number in the same way as the second number is related to the first number.

# Q.98 Observe the given figure and answer question below:



If 50 play football, 40 play cricket and 30 play basketball, then what is the number of players who play football or cricket but NOT basketball?

Ans







X 3. 34

X 4. 56

Question ID: 9489112598

Option 1 ID: 94891110391

Option 2 ID: 94891110389

Option 3 ID: 94891110390

Option 4 ID: 94891110392 Status: **Answered** 

Chosen Option: 2

Q.99 In the following letter series, how many times does JKL occur in such a way that this sequence is followed by N? BCNKLJKLMJKLQJKLMNJKLABJKLJKLMNJKLSKTKJLLKJNJKLJLTKLT

Ans









X 4. 3

Question ID: 9489112583

Option 1 ID: 94891110330

Option 2 ID: 94891110329

Option 3 ID: 94891110331 Option 4 ID: 94891110332

Status: **Answered** 

Q.100 Consider the given question and decide which of the given assumptions is/are implicit in the question.

# Question:

Could India become a terror free country in future?

# Assumptions:

I. India has declared a zero-tolerance policy.

II. India's security establishment is working hard on all the fronts.

Ans

- ✓ 1. Both assumptions I and II are implicit.
- × 2. Only assumption I is implicit.
- 3. Only assumption II is implicit.
- 4 Either assumption I or II is implicit.

Question ID: 9489112582 Option 1 ID: 94891110328 Option 2 ID: 94891110325 Option 3 ID: 94891110326 Option 4 ID: 94891110327

Status: **Answered** 

Chosen Option: 1

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