

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



Participant ID	Jo in YouTube C hann el
Participant Name	Join YouTube Channel
Test Center	Ram Tahal Choudhary Institute of Technology
Name	RTCIT
Test Date	21/01/2021
Test Time	3:00 PM - 4:30 PM
Subject	NTPC

^{*} Note

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

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

Section : NTPC

Q.1 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:

India based industrialist, Mukesh Ambani is the Asia's richest person this year.

Conclusions:

I. He is also the richest person of India.

II. He is not the richest person of India.

Ans

- X 1 Either conclusion I or II follows
- 2. Only conclusion II follows
- 3. Only conclusion I follows
- X 4. Neither conclusion I nor II follows

Question ID : 9489114181

Option 1 ID: 94891116722

Option 2 ID: 94891116724

Option 3 ID: 94891116721

Option 4 ID: 94891116723

Status: Answered

Q.2 If a tangent to a circle from a point P meets the circle at A with AP=15cm. Given that the radius of the circle is 8cm, find the distance of P from the centre of the circle.

Ans

X 1. 20 cm

✓ 2. 17 cm

X 3. 12 cm

X 4. 15 cm

Question ID: 94891112768

Option 1 ID: 94891151072

Option 2 ID: 94891151071

Option 3 ID: 94891151069

Option 4 ID: 94891151070 Status: Answered

Chosen Option: 2

Q.3 If
$$\frac{\sin\theta + \cos\theta}{\sin\theta - \cos\theta} = \frac{\sqrt{3} - 1}{\sqrt{3} + 1}$$
, then the angle θ is .

Ans X 1. 240°

X 2. 45°

√ 3. 300°

X 4. 90°

Question ID: 94891112770

Option 1 ID: 94891151079

Option 2 ID: 94891151078

Option 3 ID: 94891151080

Option 4 ID: 94891151077

Status: Answered

Chosen Option: 1

Which of the following is an ester?

Ans

X 1. CH₃CHO

X 2. CH₃COOH

√ 3. CH₃COOC₂H₅

X 4. CH₃COCH₃

Question ID: 9489114213

Option 1 ID: 94891116849

Option 2 ID: 94891116850

Option 3 ID: 94891116851 Option 4 ID: 94891116852

Status: Not Answered

Q.5 What was the real name of the Hindi literary writer Munshi Premchand?

Ans

X 1. Nawab Rai

X 2. Atmaram

X 3. Sachchidanand

4. Dhanpat Rai

Question ID : **9489114208** Option 1 ID : **94891116830**

Option 2 ID : **94891116831** Option 3 ID : **94891116832**

Option 4 ID : 94891116829

Status: Marked For Review

Chosen Option: 4

Q.6 If $P = a \times m \times r$ and $Q = b \times m \times 2 \times r$, where a, b, m, r are odd primes. then the HCF of P and Q is:

Ans

X 1. ar

X 2. br

X 3. 2 r

✓ 4. mr

Question ID: 94891112745

Option 1 ID: 94891150979

Option 2 ID: 94891150978

Option 3 ID: **94891150980** Option 4 ID: **94891150977**

Status : Answered

Chosen Option: 4

Q.7 Ram pointed to Sohan and said, "He is the only son of my mother's father." How is Sohan related to Ram's mother?

Ans

1 Husband

√ 2. Brother

X 3. Nephew

X 4. Maternal uncle

Question ID: 9489114177

Option 1 ID: 94891116708

Option 2 ID: 94891116705

Option 3 ID: 94891116706

Option 4 ID: 94891116707

Status: Answered

The ratio of the number of boys to that of the girls in a school is 3: 2. If 20% of the boys and 25% of the girls are Q.8 scholarship holders, find the percentage of those who are NOT scholarship holders.

Ans

X 1. 68%

2. 78%

X 3. 87%

X 4. 86%

Question ID: 94891112756

Option 1 ID: 94891151022

Option 2 ID: 94891151024 Option 3 ID: 94891151021

Option 4 ID: 94891151023

Status: Answered

Chosen Option: 2

Find: $\sqrt{(1+3+5)(1+3+5+7)(1+3+5+7+9)}$

Ans X 1. 600

X 2. 300

X 3. 30

4. 60

Question ID: 94891112753

Option 1 ID: 94891151009

Option 2 ID: 94891151011

Option 3 ID: 94891151010

Option 4 ID: 94891151012 Status: Answered

Chosen Option: 4

Who won the 65th Filmfare Awards, 2020 for Best Actor in a leading role (male)?

Ans

X 1. Ishaan Khattar

X 2. Gajraj Rao

X 3. Ayushmann Khurrana

✓ 4. Ranveer Singh

Question ID: 9489114204

Option 1 ID: 94891116813

Option 2 ID: 94891116815

Option 3 ID: 94891116814 Option 4 ID: 94891116816

Status: Marked For Review

Q.11 WHO has partnered with Food and Beverage Alliance to achieve its target of eliminating which of the following from industrially produced global food supply by 2023?

Ans

- X 1 Gluten
- √ 2. Trans fat
- X 3. Carotenoids
- X 4. Saturated fat

Question ID: 9489114207 Option 1 ID: 94891116825 Option 2 ID: 94891116827 Option 3 ID: 94891116828 Option 4 ID: 94891116826

Status: Marked For Review

Chosen Option: 3

Q.12 LCM of two numbers is 78. Their GCD is 13. If one of the numbers is 26, then the other number is:

Ans

- **1.** 39
- X 2. 46
- X 3. 13
- X 4. 52

Question ID: 94891112749
Option 1 ID: 94891150994
Option 2 ID: 94891150995
Option 3 ID: 94891150993
Option 4 ID: 94891150996
Status: Answered
Chosen Option: 1

Q.13 A certain distance (d) is covered by a cyclist at a certain speed. If a jogger covers half the distance in double the time (t), then the ratio of speed of the cyclist to the speed of the jogger is:

Ans

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

Question ID: 94891112761
Option 1 ID: 94891151041
Option 2 ID: 94891151042
Option 3 ID: 94891151044
Option 4 ID: 94891151043

Status : Marked For Review Chosen Option : 2

Q.14 If in a circle of radius r = 36 cm a sector of arc length l, satisfies 4l = 3r, then the area of the sector is:

Ans

X 1. 496 cm²

✓ 2. 486 cm²

X 3. 476 cm²

X 4. 461 cm²

Question ID: 94891112765

Option 1 ID: 94891151058

Option 2 ID: 94891151059

Option 3 ID: 94891151057

Option 4 ID: 94891151060 Status : Answered

Chosen Option: 2

Q.15 Mahesh and Hareesh have invested ₹20,000 and ₹30,000, respectively, in a business. If after 3 months, Hareesh withdrew ₹5,000 from his investment, then the ratio in which they divide the profits will be:

X 1. 16:22

X 2. 16:23

X 3. 16:20

4. 16:21

Question ID: 94891112755

Option 1 ID: 94891151019

Option 2 ID: 94891151020

Option 3 ID: 94891151017

Option 4 ID: 94891151018 Status: Answered

Chosen Option: 4

Q.16 If Rama can do a task in 20 days and Krishna can do it in 30 days, then the time taken by both to complete the task working together is:

Ans

√ 1. 12 days

× 2. 8 days

X 3. 15 days

X 4. 10 days

Question ID: 94891112762

Option 1 ID: 94891151047

Option 2 ID: 94891151046

Option 3 ID: 94891151048

Option 4 ID: 94891151045

Status: Answered

Q.17 Who established Sera-i-Adl, an exclusive market in Delhi for manufactured and exported goods to be sold at prices fixed by administration?

Ans

- X 1. Qutbuddin Mubarak Shah
- X 2. Muhammad bin Tughlaq
- 3. Alauddin Khalji
- X 4. Shershah Suri

Question ID : **9489114218** Option 1 ID : **94891116871**

Option 2 ID: 94891116872 Option 3 ID: 94891116870 Option 4 ID: 94891116869

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.18 A works twice as fast as B. If both of them together can finish a job in 12 days, then how many days will B take to finish the job alone?

Ans

X 1. 24

V 2. 36

X 3. 12

X 4. 48

Question ID: 94891112763

Option 1 ID : 94891151050

Option 2 ID: 94891151051

Option 3 ID: **94891151049** Option 4 ID: **94891151052**

Status : Answered

Chosen Option: 2

Q.19 What is the main feature of mixed farming?

Ans

X 1

Cultivation of two or more crops in the same field simultaneously

× 2. Cultivation of both cash and food crops

X 3.

Cultivation of different crops in the same field in succession

✓ 4. Rearing of animals and cultivation of crops together

Question ID: 9489114224

Option 1 ID : 94891116894

Option 2 ID: 94891116893

Option 3 ID: 94891116896

Option 4 ID: 94891116895

Status: Marked For Review

Q.20 Indian economy is a/an:

Ans

- X 1. command economy
- √ 2. mixed economy
- X 3. traditional economy
- X 4. market economy

Question ID: 9489114241
Option 1 ID: 94891116964
Option 2 ID: 94891116961
Option 3 ID: 94891116962
Option 4 ID: 94891116963
Status: Answered

Chosen Option: 2

Q.21 Five friends Sohan, Mohan, Rohan, Ali and Salim like 5 different games i.e. Cricket, Kho-Kho, badminton, football and hockey, but not in the same order. Sohan likes football but does not like playing cricket. Ali and Rohan are best friends. Ali likes badminton and cricket is liked by Mohan. Who likes hockey?

Ans

- 1 Neither Rohan nor Salim
- X 2. Rohan Only
- X 3. Salim Only
- ✓ 4. Either Rohan or Salim.

Question ID: 9489114203
Option 1 ID: 94891116811
Option 2 ID: 94891116809
Option 3 ID: 94891116810
Option 4 ID: 94891116812
Status: Answered
Chosen Option: 4

Q.22 The first mechanical computer designed by Charles Babbage was called:

Ans

- X 1. Abacus
 - 2. Analytical Engine
 - X 3. Calculator
 - X 4. Processor

Question ID: 9489114237 Option 1 ID: 94891116945 Option 2 ID: 94891116946 Option 3 ID: 94891116948 Option 4 ID: 94891116947 Status: Answered

Q.23 If $7\frac{8}{9}$ is converted into a mixed fraction and its numerator is 70 + x, then the value of x is: X 2. 2 X 3. 3 X 4. 0 Question ID: 94891112750 Option 1 ID: 94891150998 Option 2 ID: 94891150999 Option 3 ID: 94891151000 Option 4 ID: 94891150997 Status: Marked For Review Chosen Option: 1 Q.24 When a bicycle manufacturer reduced the selling price of a bicycle by 50%, the number of bicycles sold radically increased by 700%. Initially, the manufacturer was getting a profit of 140%. What is the new profit percentage? X 1. 30% X 2. 40% X 3. 10% V 4. 20% Question ID: 94891112754 Option 1 ID: 94891151015 Option 2 ID: 94891151016 Option 3 ID: 94891151013 Option 4 ID: 94891151014 Status: Answered Chosen Option: 4 Q.25 From the given options, select the term that can replace the question mark (?) in the following series. A1, B27, C125, ? Ans X 1. D216 ✓ 2. D343 X 3. C343 X 4. D516 Question ID: 9489114185 Option 1 ID: 94891116738 Option 2 ID: 94891116737 Option 3 ID: 94891116740 Option 4 ID: 94891116739 Status: Answered Chosen Option: 2

Q.26 Which of these organisations provides an objective, scientific view of climate change as also its natural, political and economic impacts?

- X 1. The Climate Project
- 2. Intergovernmental Panel on Climate Change
- X 3. International Union for Conservation of Nature
- United Nations Environment Program

Question ID: 9489114234 Option 1 ID: 94891116933 Option 2 ID: 94891116936 Option 3 ID: 94891116934 Option 4 ID: 94891116935

Status: Marked For Review

Chosen Option: 4

Q.27 From the given options, select the option that can replace the question mark in the series.

A, D, I, ?, Y

- Ans X 1. Q
 - X 2. R
 - √ 3. P
 - X 4. N

Question ID: 9489114186 Option 1 ID: 94891116741 Option 2 ID: 94891116742 Option 3 ID: 94891116743 Option 4 ID: 94891116744 Status: Answered

Chosen Option: 3

Q.28 A, B, C, and D are four persons in a group who have to choose one number from 1 to 10. No two persons can take the same number. The Cube of the number chosen by A and the Square of the number chosen by C are both within the permitted number range. B has chosen a number that is just one greater than the number chosen by C and D has chosen the smallest number amongst the four persons. What number has D chosen?

Ans

- X 3. 8
- 4. 1

Question ID: 9489114199

Option 1 ID: 94891116793

Option 2 ID: 94891116795

Option 3 ID: 94891116796 Option 4 ID: 94891116794

Status : Answered

Q.29 What is the name of the robot developed by DRDO that is used for locating, handling and destroying hazardous objects?

X 1 Rustom

X 2. Chaturobot

X 3. PackBot

4. Daksh

Question ID: 9489114231

Option 1 ID: 94891116921

Option 2 ID: 94891116923 Option 3 ID: 94891116924

Option 4 ID: 94891116922

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.30 Who among the following has initially drafted the 'Quit India' resolution of the Indian National congress in 1942?

1 Mahatma Gandhi

X 2. Subhash Chandra Bose

🔀 3. Jayaprakash Narayan

X 4. B R Ambedkar

Question ID: 9489114219

Option 1 ID: 94891116875

Option 2 ID: 94891116874

Option 3 ID: 94891116876 Option 4 ID: 94891116873

Status: Marked For Review

Chosen Option: 1

Q.31 Which is the first and the oldest intergovernmental organization?

X 1. Council of Europe

✓ 2. Central Commission for Navigation on the Rhine

X 3. United Nations

4 International Labour Organization

Question ID: 9489114235

Option 1 ID: 94891116939

Option 2 ID: 94891116938

Option 3 ID: 94891116937

Option 4 ID: 94891116940

Status: Marked For Review

Q.32 The rate of compound interest p.a. at which a sum of ₹1,200 will become ₹1,348.32 in 2 years is:

1. 6%

X 2. 7%

X 3. 8%

X 4. 5%

Question ID: 94891112759

Option 1 ID: 94891151034

Option 2 ID: 94891151035

Option 3 ID: 94891151036

Option 4 ID: 94891151033

Status: Answered

Chosen Option : 1

Q.33 Who won the Men's Individual Title in the Asian Squash Championship in 2019?

Ans

X 1 Harinder Pal Sandhu

2. Saurav Ghosal

X 3. Ramit Tandon

X 4 Mahesh Mangaonkar

Question ID: 9489114205

Option 1 ID: 94891116819

Option 2 ID: 94891116820

Option 3 ID: 94891116817 Option 4 ID: 94891116818

Not Attempted and

Status: Marked For Review

Chosen Option: --

Q.34

The expression $\frac{\tan A}{1-\cot A} + \frac{\cot A}{1-\tan A}$ can be written as:

 \times 1. sec A + cosec A

 \times 2. tan A + cot A

√ 3. 1 + sec A cosec A

 \times 4. 1 + sin A cos A

Question ID: 94891112773

Option 1 ID: 94891151092

Option 2 ID: 94891151091

Option 3 ID: 94891151090

Option 4 ID: 94891151089

Status : Not Attempted and Marked For Review

Q.35 Bhagat Singh and Batukeshwar Dutt threw smoke bombs at Delhi Central Legislative Assembly. What were they protesting against?

Ans

- ✓ 1. Trade Disputes Bill and Public Safety Bill
- X 2. Indian Council Act
- X 3. Simon Commission
- X 4. Government of India Act

Question ID: 9489114220

Option 1 ID: 94891116879

Option 2 ID: 94891116877

Option 3 ID: 94891116878

Option 4 ID: 94891116880

Status: Marked For Review

Chosen Option : 3

Q.36 On simplification, $\frac{2^{10}-3^{10}}{5^{10}-6^{10}}$ is:

Ans

- X 1. Cannot be defined
- X 2. a negative rational number
- X 3. neither a positive nor a negative rational number
- √ 4 a positive rational number

Question ID: 94891112747

Option 1 ID: 94891150988

Option 2 ID: 94891150986

Option 3 ID: 94891150987

Option 4 ID: 94891150985

Status : Answered

Chosen Option: 4

Q.37 What is the SI unit of resistance?

Ans

- X 1. Seimens
 - ✓ 2. Ohm
 - X 3. Mho
 - X 4. Coulomb

Question ID : 9489114214

Option 1 ID: 94891116856

Option 2 ID: 94891116854

Option 3 ID: 94891116855

Option 4 ID: 94891116853

Status: Answered

 $https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2012/2667O2012S12D25222/16277\dots \\ for the property of th$ Q.38 Select the number from the given options that can replace the question mark (?) in the following series. 100, 64, 36, ? **1.** 16 Ans X 2. 4 X 3. 81 **X** 4. 25 Question ID: 9489114183 Option 1 ID: 94891116731 Option 2 ID: 94891116730 Option 3 ID: 94891116729 Option 4 ID: 94891116732 Status: Answered Chosen Option: 1 Q.39 How many parts are there in the Constitution of India as of October 2020? Ans X 1. 23 X 2. 24 X 3. 22 4. 25 Question ID: 9489114229 Option 1 ID: 94891116914 Option 2 ID: 94891116915 Option 3 ID: 94891116913 Option 4 ID: 94891116916 Status: Marked For Review Chosen Option: 3 Q.40 Select the option which is different from the rest. Ans **1** 256 X 2. 512 X 3. 729 X 4. 343 Question ID: 9489114193 Option 1 ID: 94891116771 Option 2 ID: 94891116770 Option 3 ID: 94891116772 Option 4 ID: 94891116769 Status: Answered Chosen Option: 1

Q.41 The greatest prime number less than 200 is:

Ans

1 199

X 2. 191

X 3. 197

X 4. 193

Question ID: 94891112744
Option 1 ID: 94891150975
Option 2 ID: 94891150976
Option 3 ID: 94891150973
Option 4 ID: 94891150974
Status: Answered

Chosen Option : 1

Q.42 Which of the following is NOT a function of RBI?

Ans

1 It issues currency notes.

X 2. It is the custodian of cash reserves of commercial banks.

× 3. It manages the banking needs of the government.

✓ 4. It promotes the development of securities market.

Question ID: 9489114240
Option 1 ID: 94891116957
Option 2 ID: 94891116960
Option 3 ID: 94891116958
Option 4 ID: 94891116959
Status: Answered

Chosen Option: 4

Q.43 Which of the following is the semi-high speed train, also known as 'Train 18'?

Ans

1 Rajdhani Express

× 2. Vande Mataram Express

X 3. Mahamana Express

4. Vande Bharat Express

Question ID: 9489114239
Option 1 ID: 94891116956
Option 2 ID: 94891116953
Option 3 ID: 94891116954
Option 4 ID: 94891116955
Status: Answered

Q.44 Hurkiya Baul is a folk dance form associated with which Indian state?

- ✓ 1. Uttarakhand
- X 2. Goa
- 🗙 3. Haryana
- X 4. Maharashtra

Question ID: 9489114210

Option 1 ID: 94891116838

Option 2 ID: 94891116839 Option 3 ID: 94891116840

Option 4 ID: 94891116837

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.45 Who was the head of in-house committee that inquired into a sexual harassment case against СЛ in 2019?

Ans

- X 1 Justice Indu Malhotra
- Z Justice Indira Banerjee
- 3. Justice D.Y. Chandrachud
- Justice S.A. Bobde

Question ID: 9489114206

Option 1 ID: 94891116823

Option 2 ID: 94891116824

Option 3 ID: 94891116821

Option 4 ID: 94891116822

Status: Marked For Review

Chosen Option: 4

Q.46 Which is the longest bone in the human body?

- Ans X 1. Tibia
 - X 2. Patella
 - X 3. Sternum
 - 4. Femur

Question ID: 9489114215

Option 1 ID: 94891116857

Option 2 ID: 94891116860

Option 3 ID: 94891116858

Option 4 ID: 94891116859

Status: Answered

Q.47 A dealer buys 200 quintals of wheat at ₹1,200 per quintal. He spends ₹10,000 on transportation and storage. If he sells the wheat at ₹13 per kg, then the profit percentage of the dealer is:

Ans

X 1. 3%

X 2. 1%

X 3. 2%

4. 4%

Question ID: 94891112760

Option 1 ID: 94891151039

Option 2 ID: 94891151037

Option 3 ID: 94891151038

Option 4 ID : 94891151040 Status : Answered

Chosen Option: 4

Q.48 Who among the following is NOT appointed by the President of India?

Ans

X 1. Chief Justice of India

✓ 2. State's Chief Minister

X 3. State's Governor

X 4 Judges of High Court

Question ID: 9489114227

Option 1 ID: 94891116905

Option 2 ID: 94891116906

Option 3 ID: 94891116907 Option 4 ID: 94891116908

Status : Answered

Chosen Option: 2

Q.49 A microphone converts:

Ans

√ 1. sound energy into electrical energy

× 2. sound energy into mechanical energy

X 3. mechanical energy into sound energy

× 4 electrical energy into sound energy

Question ID: 9489114216

Option 1 ID: 94891116861

Option 2 ID: 94891116864

Option 3 ID: 94891116863

Option 4 ID: 94891116862

Status : Answered

The descending order of $\frac{2}{5}$, $\frac{1}{3}$, and $\frac{3}{7}$ is:

Ans

- \times 1. $\frac{1}{3}$, $\frac{2}{5}$, $\frac{3}{7}$
- $\times 2. \frac{3}{7}, \frac{1}{3}, \frac{2}{5}$
- \times 3. $\frac{2}{5}$, $\frac{1}{3}$, $\frac{3}{7}$
- \checkmark 4. $\frac{3}{7}, \frac{2}{5}, \frac{1}{3}$

Question ID: 94891112752

Option 1 ID: 94891151006

Option 2 ID: 94891151008

Option 3 ID: 94891151005 Option 4 ID: 94891151007

Status : Answered

Chosen Option: 4

Q.51 According to the time by Nihaal's watch its half past one and the hour hand is pointing towards the north-east.
Assuming that there is no change in Nihaal's position, in which direction would the minute hand point after 30 minutes?

Ans

- X 1. South
- X 2. East
- X 3. West
- 4. North

Question ID: 9489114194

Option 1 ID: 94891116776

Option 2 ID: 94891116774

Option 3 ID: 94891116775 Option 4 ID: 94891116773

Status : Answered

Chosen Option : 4

Q.52 The interest rate offered on saving bank account in India is decided by:

Ans

- X 1 RBI
- X 2. Banks' Association
- X 3. Finance Ministry
- √ 4. The respective bank

Question ID: 9489114242

Option 1 ID: 94891116965

Option 2 ID: 94891116967

Option 3 ID: 94891116966

Option 4 ID: 94891116968

Status : Answered

Q.53 If the simple interest on a certain sum of money for 3 years at 8% p.a. is half the compound interest on ₹4,000 for 2 years at 10% p.a., then the sum placed on simple interest is:

- X 1. ₹1,550
- **X** 2. ₹1,650
- X 3. ₹2,000
- √ 4. ₹1,750

Question ID: 94891112758

Option 1 ID: 94891151029

Option 2 ID: 94891151031

Option 3 ID: 94891151032 Option 4 ID: 94891151030

Status: Answered

Chosen Option: 4

Which disease is caused by the deficiency of protein in our body?

- 1. Kwashiorkor
- X 2. Scurvy
- X 3. Rickets
- X 4. Beri Beri

Question ID: 9489114212

Option 1 ID: 94891116845

Option 2 ID: 94891116846

Option 3 ID: 94891116848

Option 4 ID: 94891116847

Status: Not Answered

Chosen Option: --

Q.55 If $\triangle ABC$ is right angled at $C CD \perp AB, \angle A = 55^{\circ}$ then, $\angle ACD = ?$

- Ans 🗸 1. 35°
 - X 2. 55°
 - X 3. 60°
 - X 4. 45°

Question ID: 94891112771

Option 1 ID: 94891151081

Option 2 ID: 94891151083

Option 3 ID: 94891151084

Option 4 ID: 94891151082

Status: Answered

Q.56 The mixed surd form of $\sqrt{1350}$ is:

Ans

- **X** 1. 12√6
- √ 2. 15√6
- **X** 3. 13√6
- \times 4. $14\sqrt{6}$

Question ID : 94891112764

Option 1 ID : **94891151053** Option 2 ID : **94891151055**

Option 3 ID : **94891151054** Option 4 ID : **94891151056**

Status : Answered

Chosen Option : 2

Q.57 What is the full form of DDL in terms of computer jargon?

An

- √ 1 Data Definition Language
- X 2. Digital Data Logic
- X 3. Dynamic Data Language
- X 4. Direct Data Language

Question ID : 9489114238

Option 1 ID : 94891116951

Option 2 ID : 94891116949

Option 3 ID : 94891116952 Option 4 ID : 94891116950

Status : Answered

Chosen Option: 3

Q.58 200 g as a fraction of 1 kg is:

Ans

- \times 1. $\frac{2}{5}$
- × 2. $\frac{1}{10}$
- \checkmark 3. $\frac{1}{5}$
- \times 4. $\frac{3}{10}$

Question ID: 94891112746

Option 1 ID: 94891150983

Option 2 ID: 94891150981

Option 3 ID: 94891150984

Option 4 ID : 94891150982

Status: Answered

Q.59 Which is the only operating nuclear reactor in the world using U 233 fuel?

Ans

√ 1. Kamini

× 2. Hanul

X 3. Dhruva

X 4. Apsara

Question ID: 9489114232

Option 1 ID: 94891116928

Option 2 ID: 94891116927

Option 3 ID: 94891116925

Option 4 ID: 94891116926

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.60 Who started publication of Al Hilal, a newspaper for propagating nationalism?

Ans

1. Maulana Abul Kalam Azad

X 2. Mahatma Gandhi

X 3. M.A. Ansari

X 4. Khan Abdul Ghaffar Khan

Question ID: 9489114221

Option 1 ID: 94891116884

Option 2 ID: 94891116881

Option 3 ID: 94891116883

Option 4 ID: 94891116882 Status: Answered

Chosen Option: 4

Q.61 If SUDDEN is coded as RVCEDO, then what will GROWTH be coded as?

Ans X 1. FSNXSG

X 2. HQPXUG

X 3. FSNXUG

√ 4. FSNXSI

Question ID: 9489114178

Option 1 ID: 94891116712

Option 2 ID: 94891116709

Option 3 ID: 94891116711

Option 4 ID: 94891116710

Status: Answered

Q.62 Select the option that can replace the question marks (?) in the following series.

2, 0, 10, 2, 30, 6, 68, 12, ?, ?

- Ans X 1. 120; 20
 - X 2. 98; 24
 - √ 3. 130; 20
 - X 4. 130; 30

Question ID: 9489114188

Option 1 ID: 94891116750

Option 2 ID: 94891116751

Option 3 ID: 94891116752

Option 4 ID: 94891116749 Status: Answered

Chosen Option: 3

Q.63 The Mid-Day Meal scheme comes under the purview of which ministry?

- X 1. Ministry of Women and Child Development
- ✓ 2. Ministry of Education
- 3. Ministry of Social Justice and Empowerment
- Ministry of Health and Family Welfare

 4. Ministry of Health and Healt

Question ID: 9489114243

Option 1 ID: 94891116970

Option 2 ID: 94891116972

Option 3 ID: 94891116971 Option 4 ID: 94891116969

Status: Answered

Chosen Option: 1

Q.64 8 students Ani, Bini, Cina, Dia, Eva, Fin, Gim and Haz are sitting in a row facing towards North (not necessarily in the same order). Only four students are sitting between Cina and Bini and one among Cina and Bini is sitting at the end of row. Only three students are sitting between Bini and Ani. Only two students are sitting between Gim and Haz. Dia is sitting to the immediate right of Ani and Ani is fifth to the left of Haz.

Who among the given options could be seated to the immediate left of Bini?

Ans

- X 1 Haz
- ✓ 2. Eva
- X 3. Gim
- X 4. Ani

Question ID: 9489114201

Option 1 ID: 94891116801

Option 2 ID: 94891116802

Option 3 ID: 94891116803

Option 4 ID: 94891116804

Status: Answered

Q.65 Which of the following elements is a liquid at room temperature?

- X 1. Sodium
- X 2. Chromium
- 🔀 3. Titanium
- 4. Mercury

Question ID: 9489114211 Option 1 ID: 94891116842

Option 2 ID: 94891116843 Option 3 ID: 94891116841 Option 4 ID: 94891116844

Status: Answered

Chosen Option: 4

Q.66 Select the number that can replace the question mark (?) in the following series.

2, 12, 36, 80, ?

- Ans 1. 150
 - X 2. 140
 - X 3. 120
 - X 4. 144

Question ID: 9489114187

Option 1 ID: 94891116745

Option 2 ID: 94891116746

Option 3 ID: 94891116747

Option 4 ID: 94891116748 Status: Answered

Chosen Option: 1

Balaji invested $\frac{1}{7}$ of his total investment at 4%, $\frac{1}{2}$ at 5% and the rest at 6% for 1 year. He received a total interest of ₹730. What was the total sum invested?

Ans

- X 1. ₹24,000
- √ 2. ₹14,000
- **X** 3. ₹7,000
- X 4. ₹38,000

Question ID: 94891112757

Option 1 ID: 94891151027

Option 2 ID: 94891151026

Option 3 ID: 94891151025

Option 4 ID: 94891151028

Status: Answered

Q.68 Which river is known as the Yellow River?

- X 1 Mekong
- X 2. Amur
- X 3. Yangtze
- 4. Huang Ho

Question ID: 9489114223 Option 1 ID: 94891116891 Option 2 ID: 94891116892 Option 3 ID: 94891116890 Option 4 ID: 94891116889

Status: Marked For Review

Chosen Option: 3

The factorisation of $x^2 + 11xy + 24y^2$ is:

- Ans \times 1. (x 8y)(x 3y)
 - \checkmark 2. (x + 8y)(x + 3y)
 - \times 3. (x 8y)(x + 3y)
 - \times 4. (x + 8v)(x 3v)

Question ID: 94891112767 Option 1 ID: 94891151065

Option 2 ID: 94891151068 Option 3 ID: 94891151066 Option 4 ID: 94891151067

Status: Answered

Chosen Option: 2

Q.70 Blue Revolution in India is related to:

- X 1 silk production
 - √ 2. fisheries
- X 3. milk production
- X 4. agriculture

Question ID: 9489114225

Option 1 ID: 94891116897

Option 2 ID: 94891116899

Option 3 ID: 94891116900

Option 4 ID: 94891116898

Status: Answered

Q.71 Find the third vertex of an equilateral triangle whose two vertices are (2, 4) and (2, 6).

Ans

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

Question ID : 94891112772

Option 1 ID: 94891151085

Option 2 ID: 94891151087

Option 3 ID: 94891151088

Option 4 ID : **94891151086** Status : **Answered**

Chosen Option: 1

Q.72 Which mosque, believed to be the first one to be built in Delhi, is situated near Qutub Minar?

Ans

- X 1. Adina Mosque
- X 2. Shahi Atala Masjid
- X 3. Nakhoda Masjid
- ✓ 4. Quwwat-ul-Islam Mosque

Question ID: 9489114209

Option 1 ID: 94891116833

Option 2 ID: 94891116835 Option 3 ID: 94891116834

Option 4 ID : 94891116836

Status : Not Attempted and Marked For Review

Chosen Option : --

What will be the value if you multiply $\frac{2}{11}$ by the reciprocal of $-\frac{5}{14}$?

Ans

- \times 1. $\frac{2}{3}$
- × 2. $\frac{28}{55}$
- \checkmark 3. $-\frac{28}{55}$
- \times 4. $-\frac{10}{153}$

Question ID: 94891112751

Option 1 ID: 94891151001

Option 2 ID: 94891151003

Option 3 ID : **94891151004**

Option 4 ID: 94891151002

Status: Answered

 $https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2012/2667O2012S12D25222/16277\dots \\ for the property of th$ Q.74 Assuming P & Q were Arithmetic Operators, if 24 P 12 Q 13 = 15 and 16 Q 56 P 14 = 20, then 87 P 29 Q 22 = ? X 1. 30 X 2. 27 3. 25 X 4. 28 Question ID: 9489114198 Option 1 ID: 94891116792 Option 2 ID: 94891116790 Option 3 ID: 94891116789 Option 4 ID: 94891116791 Status: Answered Chosen Option: 3 If the side of a cube is $9\sqrt{3}$ cm, then its diagonal will be: Ans X 1. 28 cm ✓ 2. 27 cm X 3. 26 cm X 4. 29 cm Question ID: 94891112766 Option 1 ID: 94891151063 Option 2 ID: 94891151062 Option 3 ID: 94891151061 Option 4 ID: 94891151064 Status: Answered Chosen Option: 2 Q.76 In the Battle of Plassey, who led the troops of the British East India Company? X 1. Allan Cunningham √ 2. Robert Clive X 3. James Alexander X 4. Neville Chamberlain Question ID: 9489114217 Option 1 ID: 94891116866 Option 2 ID: 94891116868 Option 3 ID: 94891116865 Option 4 ID: 94891116867 Status: Marked For Review Chosen Option: 2

Q.77 Which amendment in the Constitution of India deals with the abolition of Right to Property as a fundamental right?

Ans

X 1. 37th

X 2. 42nd

X 3. 40th

✔ 4. 44th

Question ID: 9489114228

Option 1 ID: 94891116911

Option 2 ID: 94891116909

Option 3 ID : **94891116910** Option 4 ID : **94891116912**

Status: Marked For Review

Chosen Option: 2

Q.78 Which of the following Indian states was known as North East Frontier Agency till 1972?

Ans

X 1. Meghalaya

X 2. Nagaland

√ 3. Arunachal Pradesh

X 4. Mizoram

Question ID: 9489114222

Option 1 ID: 94891116885

Option 2 ID: 94891116888

Option 3 ID: **94891116887** Option 4 ID: **94891116886**

Status : Marked For Review

Chosen Option: 3

Q.79 What are the three constituents of CPU in a computer?

Ans

X 1. Control unit, ALU, keyboard

✓ 2. Control unit, ALU, memory

3. Monitor, memory, control unit

Monitor, ALU, memory

Monitor, ALU, memory

Monitor, ALU, memory

Monitor, Moni

Question ID: 9489114236

Option 1 ID: 94891116944

Option 2 ID: 94891116941

Option 3 ID: 94891116942

Option 4 ID: 94891116943

Status: Answered

Q.80 Which UN body directly deals with reproductive health of population?

Ans

- ✓ 1. UNFPA
- X 2. UNDP
- X 3. WIPO
- X 4. IFAD

Question ID: 9489114233

Option 1 ID: 94891116931

Option 2 ID: 94891116930

Option 3 ID: 94891116929

Option 4 ID: 94891116932 Status: Marked For Review

Chosen Option : 1

Q.81 The 'ozone hole' is formed every year in Spring time over:

- Ans X 1. China
 - ✓ 2. Antarctica
 - X 3. South America
 - X 4. Japan

Question ID: 9489114226

Option 1 ID: 94891116901

Option 2 ID: 94891116904 Option 3 ID: 94891116902

Option 4 ID: 94891116903

Status: Marked For Review

Chosen Option: 2

Q.82 Find the area of a triangle whose vertices are (a, b + c), (a, b - c) and (-a, c).

- \times 1. 2 b (a + c)
- \times 2. c (a b)
- X 3. 2 bc
- ✓ 4. 2 ac

Question ID: 94891112769

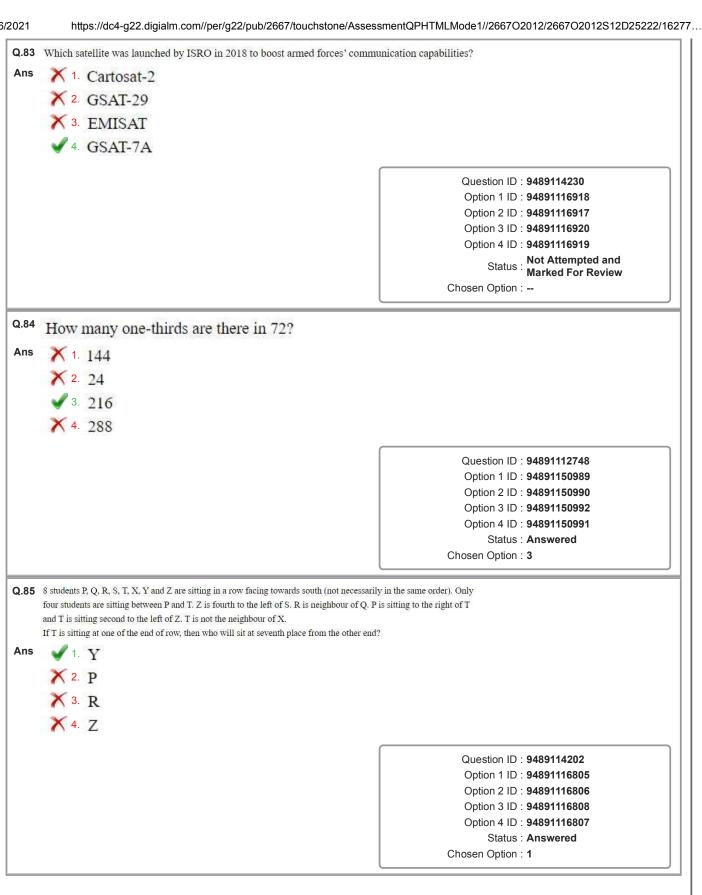
Option 1 ID: 94891151075

Option 2 ID: 94891151076

Option 3 ID: 94891151074

Option 4 ID: 94891151073

Not Attempted and Status : Marked For Review



Q.86 The following table represents the expenditure of a family on different items.

Items	Food	Clothing	Rent	Education	Miscellaneous
Expenditure	4000	2500	1500	400	1600

If the Expenditure on Food doubles and the expenditure on all other heads reduces by half, what would be the approximate increase in Food Expenses as a percentage of the total expenditure?

Ans

X 1. 100%

X 2. 80%

X 3. 40%

4. 33%

Question ID : 9489114189

Option 1 ID : **94891116754** Option 2 ID : **94891116756**

Option 3 ID: 94891116753

Option 4 ID : **94891116755**Status : **Answered**

Chosen Option: 3

Q.87 The marks obtained in a test by students of a class are given below:

23, 2, 15, 38, 21, 19, 24, 26

Scores of how many students are within a +2 / -2 range of the average score of the class?

Ans

X 1. 4



X 3. 1

X 4. 2

Question ID: 9489114190

Option 1 ID: 94891116759

Option 2 ID : 94891116760

Option 3 ID: 94891116757

Option 4 ID: 94891116758

Status: Answered

Q.88 This table shows products manufactured by a company out of which some products are defective. Which product has the lowest percentage of defective units?

Product Name	Total Units manufactured	Defective Units
S	720	408
R	740	405
1	800	404
F	760	402
G	750	402

Ans X 1. Product G

✓ 2. Product I

X 3. Product S

X 4. Product F

Question ID: 9489114191 Option 1 ID: 94891116763 Option 2 ID: 94891116762 Option 3 ID: 94891116761 Option 4 ID: 94891116764 Status: Answered

Chosen Option: 2

Q.89 This table shows the number of males and females in some groups. Which of the groups listed has the highest ratio of females to males?

Group Name	No. Of Male	No. of Female
С	950	414
В	650	414
М	700	410
S	720	408
R	740	405

X 1. Group R

X 2. Group C

X 3. Group S

4. Group B

Question ID: 9489114192

Option 1 ID: 94891116768

Option 2 ID: 94891116765

Option 3 ID: 94891116767 Option 4 ID: 94891116766

Status: Answered

Chosen Option: 4

Q.90 If def is coded as 222120 and qtv is coded as 964, then which of the given options follows the same code?

 \times 1 abc = 222324

X 2. qpr = 24587

√ 3. hik = 181715

X 4. xyz = 2156

Question ID: 9489114195

Option 1 ID: 94891116777

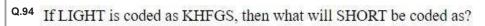
Option 2 ID: 94891116779

Option 3 ID: 94891116778

Option 4 ID: 94891116780

Status: Answered

https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2012/2667O2012S12D25222/16277... Q.91 In a certain language, 'Delhi is capital' is written as '753 852 159', 'Ram lives in Delhi' is written as, '153 253 159 157' and 'Ram is teacher' is written as '753 157 954'. What is capital coded as? X 1. 253 X 2. 753 **3**. 852 X 4. 159 Question ID: 9489114180 Option 1 ID: 94891116720 Option 2 ID: 94891116719 Option 3 ID: 94891116717 Option 4 ID: 94891116718 Status: Answered Chosen Option: 3 Q.92 Six persons-A, B, C, D, E and F are sitting on a round table facing each other. Two persons are sitting between B and E. $A \ is \ sitting \ second \ to \ the \ left \ of \ E. \ Who \ is \ sitting \ between \ D \ and \ E?$ Ans X 2. C X 3. F X 4. B Question ID: 9489114200 Option 1 ID: 94891116799 Option 2 ID: 94891116797 Option 3 ID: 94891116798 Option 4 ID: 94891116800 Status: Answered Chosen Option: 1 Q.93 If STYLE is 81, ACE is 9 and BOLD is 33, then what will be the difference between SMART and GOLD if these are coded in the same manner? Ans X 1. 72 **X** 2. 35 X 3. 39 Question ID: 9489114179 Option 1 ID: 94891116713 Option 2 ID: 94891116716 Option 3 ID: 94891116714 Option 4 ID: 94891116715 Status: Answered Chosen Option: 4



Ans

X 1. TINQS

X 2. TIPSU

X 4. RGNSU

Question ID: 9489114175

Option 1 ID: 94891116700

Option 2 ID: 94891116698

Option 3 ID: 94891116697 Option 4 ID: 94891116699

Status : Answered

Chosen Option: 3

Q.95 In a certain code language, 'JUNIOR' is written as '6', 'LABOURER' is written as '8'. What is the code for 'JOSEPHINE' in that code language?

Ans

X 1. 10



X 3. 11

X 4. 12

Question ID: 9489114197

Option 1 ID: 94891116786

Option 2 ID: 94891116785 Option 3 ID: 94891116787

Option 4 ID: 94891116788

Status: Answered

Chosen Option: 2

Q.96 Select the letter that can replace the question mark (?) in the following series.

a, z, b, y, c,?

Ans

X 1. e



X 3. d

X 4. c

Question ID: 9489114184

Option 1 ID: 94891116735

Option 2 ID: 94891116734

Option 3 ID: 94891116733

Option 4 ID: 94891116736

Status : Answered

Q.97 Read the given statement and assumptions carefully and decide which of the assumptions is/are implied from the statement.

Statement

Pollution is one of the major causes leading to the weather imbalances throughout the world. It must be checked by combined efforts of all.

Assumptions:

- I. Weather imbalances affects everyone throughout the world.
- II. Water pollution is causing many diseases.

Chose the correct option.

Ans

- None assumption is implied
- × 2. Both assumptions are implied
- X 3. Only assumption II is implied
- ✓ 4 Only assumption I is implied

Question ID : 9489114182

Option 1 ID: 94891116727

Option 2 ID : 94891116726

Option 3 ID: 94891116728 Option 4 ID: 94891116725

Status: Answered

Chosen Option: 4

Q.98 Which of the given options is related to the fourth term in the same way as the first term is related to the second term.

Ink : Pen :: ? : Car

Ans

- X 1. Gear
- X 2. Wheels
- √ 3. Petrol
- X 4. Body

Question ID: 9489114174

Option 1 ID: 94891116696

Option 2 ID : 94891116693

Option 3 ID : 94891116695

Option 4 ID: 94891116694

Status: Answered

Chosen Option: 3

Q.99 If BASE = 27, then what is COLLECTION?

Ans

- **√** 1. 108
- X 2. 107
- X 3. 111
- X 4. 110

Question ID: 9489114176

Option 1 ID: 94891116701

Option 2 ID: 94891116703

Option 3 ID: 94891116704

Option 4 ID: 94891116702

Status : Answered

Q.100 In a workshop, there are five workers - A, V, N, J, and S, who each go to work only once in a week. The workshop operates for 5 days a week. N goes on Monday. A and V go on consecutive days. A goes the next day to that of N. There is a gap of two days between the days on which A and J go to work. On which of the given days would S be going to the workshop?

Ans

X 1. Friday

🗸 2. Thursday

💢 3. Monday

X 4. Wednesday

Question ID: 9489114196
Option 1 ID: 94891116784
Option 2 ID: 94891116783
Option 3 ID: 94891116782
Option 4 ID: 94891116781
Status: Answered

Chosen Option: 2

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