www.prepp.in

Prepp
Your Personal Exams Guide

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	Ram Tahal Choudhary Institute of Technology 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

✗ 1. Either conclusion I or II follows

✗ 2. Only conclusion II follows

✓ 3. Only conclusion I follows

✗ 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**
Chosen Option : **3**

www.prepp.in

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
1. 20 cm ✗
2. 17 cm ✓
3. 12 cm ✗
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
1. 240° ✗
2. 45° ✗
3. 300° ✓
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**

Q.4 Which of the following is an ester?

Ans
1. CH_3CHO ✗
2. CH_3COOH ✗
3. $CH_3COOC_2H_5$ ✓
4. CH_3COCH_3 ✗

Question ID : **9489114213**
Option 1 ID : **94891116849**
Option 2 ID : **94891116850**
Option 3 ID : **94891116851**
Option 4 ID : **94891116852**
Status : **Not Answered**
Chosen Option : **--**

www.prepp.in

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

Ans
1. Nawab Rai ✗
2. Atmaram ✗
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 × m × r and Q = b × m × 2 × r, where a, b, m, r are odd primes. then the HCF of P and Q is:

Ans
1. a r ✗
2. b r ✗
3. 2 r ✗
4. m r ✓

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 ✓
3. Nephew ✗
4. Maternal uncle ✗

Question ID : **9489114177**
Option 1 ID : **94891116708**
Option 2 ID : **94891116705**
Option 3 ID : **94891116706**
Option 4 ID : **94891116707**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.8 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 scholarship holders, find the percentage of those who are NOT scholarship holders.

Ans
1. 68%
2. 78%
3. 87%
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**

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

Ans
1. 600
2. 300
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**

Q.10 Who won the 65th Filmfare Awards, 2020 for Best Actor in a leading role (male)?

Ans
1. Ishaan Khattar
2. Gajraj Rao
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**
Chosen Option : **4**

www.prepp.in

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

1. Gluten ✗
2. Trans fat ✓
3. Carotenoids ✗
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 ✓
2. 46 ✗
3. 13 ✗
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

1. 2 : 1 ✗
2. 4 : 1 ✓
3. 3 : 4 ✗
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**

www.prepp.in

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

1. ✗ $496\ cm^2$
2. ✓ $486\ cm^2$
3. ✗ $476\ cm^2$
4. ✗ $461\ cm^2$

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:

Ans

1. ✗ 16 : 22
2. ✗ 16 : 23
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
3. ✗ 15 days
4. ✗ 10 days

Question ID : **94891112762**
Option 1 ID : **94891151047**
Option 2 ID : **94891151046**
Option 3 ID : **94891151048**
Option 4 ID : **94891151045**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

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
✗ 1. Qutbuddin Mubarak Shah
✗ 2. Muhammad bin Tughlaq
✓ 3. Alauddin Khalji
✗ 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
✗ 1. 24
✓ 2. 36
✗ 3. 12
✗ 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
✗ 1. Cultivation of two or more crops in the same field simultaneously
✗ 2. Cultivation of both cash and food crops
✗ 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**
Chosen Option : **3**

www.prepp.in

Q.20 Indian economy is a/an:

Ans
1. command economy
2. mixed economy
3. traditional economy
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
2. Rohan Only
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
1. Abacus
2. Analytical Engine
3. Calculator
4. Processor

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

www.prepp.in

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:

Ans

✔ 1. 1

✘ 2. 2

✘ 3. 3

✘ 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?

Ans

✘ 1. 30%

✘ 2. 40%

✘ 3. 10%

✔ 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

✘ 1. D216

✔ 2. D343

✘ 3. C343

✘ 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**

www.prepp.in

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

Ans
1. The Climate Project
2. Intergovernmental Panel on Climate Change
3. International Union for Conservation of Nature
4. 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
1. Q
2. R
3. P
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
1. 4
2. 9
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**
Chosen Option : **4**

www.prepp.in

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

Ans
1. Rustom ✗
2. Chaturobot ✗
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?

Ans
1. Mahatma Gandhi ✓
2. Subhash Chandra Bose ✗
3. Jayaprakash Narayan ✗
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 ?

Ans
1. Council of Europe ✗
2. Central Commission for Navigation on the Rhine ✓
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**
Chosen Option : **1**

www.prepp.in

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:

Ans
✔ 1. 6%
✘ 2. 7%
✘ 3. 8%
✘ 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
✘ 1. Harinder Pal Sandhu
✔ 2. Saurav Ghosal
✘ 3. Ramit Tandon
✘ 4. Mahesh Mangaonkar

Question ID : **9489114205**
Option 1 ID : **94891116819**
Option 2 ID : **94891116820**
Option 3 ID : **94891116817**
Option 4 ID : **94891116818**
Status : **Not Attempted and 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:

Ans
✘ 1. $sec\ A\ +\ cosec\ A$
✘ 2. $tan\ A\ +\ cot\ A$
✔ 3. $1\ +\ sec\ A\ cosec\ A$
✘ 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**
Chosen Option : **--**

www.prepp.in

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 ✔
2. Indian Council Act ✘
3. Simon Commission ✘
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
1. Cannot be defined ✘
2. a negative rational number ✘
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
1. Seimens ✘
2. Ohm ✔
3. Mho ✘
4. Coulomb ✘

Question ID : **9489114214**
Option 1 ID : **94891116856**
Option 2 ID : **94891116854**
Option 3 ID : **94891116855**
Option 4 ID : **94891116853**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.38 Select the number from the given options that can replace the question mark (?) in the following series.
100, 64, 36, ?

Ans
✔ 1. 16
✘ 2. 4
✘ 3. 81
✘ 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
✘ 1. 23
✘ 2. 24
✘ 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
✘ 2. 512
✘ 3. 729
✘ 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**

www.prepp.in

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

Ans
✔ 1. 199
✘ 2. 191
✘ 3. 197
✘ 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.
✘ 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
✘ 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**
Chosen Option : **4**

www.prepp.in

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

Ans
1. Uttarakhand ✔
2. Goa ✘
3. Haryana ✘
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 CJI in 2019?

Ans
1. Justice Indu Malhotra ✘
2. Justice Indira Banerjee ✘
3. Justice D.Y. Chandrachud ✘
4. 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
1. Tibia ✘
2. Patella ✘
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**
Chosen Option : **4**

www.prepp.in

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
✗ 1. 3%
✗ 2. 1%
✗ 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
✗ 1. Chief Justice of India
✓ 2. State's Chief Minister
✗ 3. State's Governor
✗ 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
✗ 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**
Chosen Option : **1**

www.prepp.in

Q.50 The descending order of $\frac{2}{5}, \frac{1}{3}$, and $\frac{3}{7}$ is:

Ans

1. $\frac{1}{3}, \frac{2}{5}, \frac{3}{7}$
2. $\frac{3}{7}, \frac{1}{3}, \frac{2}{5}$
3. $\frac{2}{5}, \frac{1}{3}, \frac{3}{7}$
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

1. South
2. East
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

1. RBI
2. Banks' Association
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**
Chosen Option : **4**

www.prepp.in

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:

Ans
1. ₹1,550
2. ₹1,650
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**

Q.54 Which disease is caused by the deficiency of protein in our body?

Ans
1. Kwashiorkor
2. Scurvy
3. Rickets
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 ΔABC is right angled at C $CD \perp AB, \angle A = 55°$ then, $\angle ACD = ?$

Ans
1. $35°$
2. $55°$
3. $60°$
4. $45°$

Question ID : **94891112771**
Option 1 ID : **94891151081**
Option 2 ID : **94891151083**
Option 3 ID : **94891151084**
Option 4 ID : **94891151082**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

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

Ans
1. $12\sqrt{6}$ ✗
2. $15\sqrt{6}$ ✓
3. $13\sqrt{6}$ ✗
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?

Ans
1. Data Definition Language ✓
2. Digital Data Logic ✗
3. Dynamic Data Language ✗
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
1. $\frac{2}{5}$ ✗
2. $\frac{1}{10}$ ✗
3. $\frac{1}{5}$ ✓
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**
Chosen Option : **3**

www.prepp.in

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

Ans
1. Kamini ✔
2. Hanul ✘
3. Dhruva ✘
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 ✔
2. Mahatma Gandhi ✘
3. M.A. Ansari ✘
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
1. FSNXSG ✘
2. HQPXUG ✘
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**
Chosen Option : **4**

www.prepp.in

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

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

Ans
1. 120; 20
2. 98; 24
3. 130; 20
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?

Ans
1. Ministry of Women and Child Development
2. Ministry of Education
3. Ministry of Social Justice and Empowerment
4. Ministry of Health and Family Welfare

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
1. Haz
2. Eva
3. Gim
4. Ani

Question ID : **9489114201**
Option 1 ID : **94891116801**
Option 2 ID : **94891116802**
Option 3 ID : **94891116803**
Option 4 ID : **94891116804**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

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

Ans
1. Sodium
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 ✔
2. 140
3. 120
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**

Q.67 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
1. ₹24,000
2. ₹14,000 ✔
3. ₹7,000
4. ₹38,000

Question ID : **94891112757**
Option 1 ID : **94891151027**
Option 2 ID : **94891151026**
Option 3 ID : **94891151025**
Option 4 ID : **94891151028**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

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

Ans
✗ 1. Mekong
✗ 2. Amur
✗ 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**

Q.69 The factorisation of $x^2 + 11xy + 24y^2$ is:

Ans
✗ 1. $(x - 8y)(x - 3y)$
✓ 2. $(x + 8y)(x + 3y)$
✗ 3. $(x - 8y)(x + 3y)$
✗ 4. $(x + 8y)(x - 3y)$

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:

Ans
✗ 1. silk production
✓ 2. fisheries
✗ 3. milk production
✗ 4. agriculture

Question ID : **9489114225**
Option 1 ID : **94891116897**
Option 2 ID : **94891116899**
Option 3 ID : **94891116900**
Option 4 ID : **94891116898**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

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

Ans
1. $(\sqrt{3},5)$
2. $(2+\sqrt{3},5)$
3. $(2,5)$
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
1. Adina Mosque
2. Shahi Atala Masjid
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 : **--**

Q.73 What will be the value if you multiply $\frac{2}{11}$ by the reciprocal of $-\frac{5}{14}$?

Ans
1. $\frac{2}{3}$
2. $\frac{28}{55}$
3. $-\frac{28}{55}$
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**
Chosen Option : **3**

www.prepp.in

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 = ?

Ans
1. 30 ✗
2. 27 ✗
3. 25 ✓
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**

Q.75 If the side of a cube is $9\sqrt{3}$ cm, then its diagonal will be:

Ans
1. 28 cm ✗
2. 27 cm ✓
3. 26 cm ✗
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?

Ans
1. Allan Cunningham ✗
2. Robert Clive ✓
3. James Alexander ✗
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**

www.prepp.in

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

Ans
1. 37^{th}
2. 42^{nd}
3. 40^{th}
4. 44^{th}

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
1. Meghalaya
2. Nagaland
3. Arunachal Pradesh
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
1. Control unit, ALU, keyboard
2. Control unit, ALU, memory
3. Monitor, memory, control unit
4. Monitor, ALU, memory

Question ID : **9489114236**
Option 1 ID : **94891116944**
Option 2 ID : **94891116941**
Option 3 ID : **94891116942**
Option 4 ID : **94891116943**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

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

Ans
✔ 1. UNFPA
✘ 2. UNDP
✘ 3. WIPO
✘ 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
✘ 1. China
✔ 2. Antarctica
✘ 3. South America
✘ 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 $(-a, c)$.

Ans
✘ 1. $2\,b\,(a + c)$
✘ 2. $c\,(a - b)$
✘ 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**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

www.prepp.in

Q.83 Which satellite was launched by ISRO in 2018 to boost armed forces' communication capabilities?

Ans
1. Cartosat-2
2. GSAT-29
3. EMISAT
4. GSAT-7A

Question ID : **9489114230**
Option 1 ID : **94891116918**
Option 2 ID : **94891116917**
Option 3 ID : **94891116920**
Option 4 ID : **94891116919**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.84 How many one-thirds are there in 72?

Ans
1. 144
2. 24
3. 216
4. 288

Question ID : **94891112748**
Option 1 ID : **94891150989**
Option 2 ID : **94891150990**
Option 3 ID : **94891150992**
Option 4 ID : **94891150991**
Status : **Answered**
Chosen Option : **3**

Q.85 8 students P, Q, R, S, T, X, Y and Z are sitting in a row facing towards south (not necessarily in the same order). Only four students are sitting between P and T. Z is fourth to the left of S. R is neighbour of Q. P is sitting to the right of T and T is sitting second to the left of Z. T is not the neighbour of X.
If T is sitting at one of the end of row, then who will sit at seventh place from the other end?

Ans
1. Y
2. P
3. R
4. Z

Question ID : **9489114202**
Option 1 ID : **94891116805**
Option 2 ID : **94891116806**
Option 3 ID : **94891116808**
Option 4 ID : **94891116807**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

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
1. 100%
2. 80%
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
1. 4
2. 3
3. 1
4. 2

Question ID : **9489114190**
Option 1 ID : **94891116759**
Option 2 ID : **94891116760**
Option 3 ID : **94891116757**
Option 4 ID : **94891116758**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

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
I	800	404
F	760	402
G	750	402

Ans

1. Product G
2. Product I
3. Product S
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
C	950	414
B	650	414
M	700	410
S	720	408
R	740	405

Ans

1. Group R
2. Group C
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?

Ans

1. abc = 222324
2. qpr = 24587
3. hik = 181715
4. xyz = 2156

Question ID : **9489114195**
Option 1 ID : **94891116777**
Option 2 ID : **94891116779**
Option 3 ID : **94891116778**
Option 4 ID : **94891116780**
Status : **Answered**
Chosen Option : **3**

www.prepp.in

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?

Ans

1. 253 ✗
2. 753 ✗
3. 852 ✓
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 right of B. D is sitting second to the left of E. Who is sitting between D and E?

Ans

1. A ✓
2. C ✗
3. F ✗
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

1. 72 ✗
2. 35 ✗
3. 39 ✗
4. 33 ✓

Question ID : **9489114179**
Option 1 ID : **94891116713**
Option 2 ID : **94891116716**
Option 3 ID : **94891116714**
Option 4 ID : **94891116715**
Status : **Answered**
Chosen Option : **4**

www.prepp.in

Q.94 If LIGHT is coded as KHFGS, then what will SHORT be coded as?

Ans

1. TINQS ✗
2. TIPSU ✗
3. RGNQS ✓
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

1. 10 ✗
2. 9 ✓
3. 11 ✗
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

1. e ✗
2. x ✓
3. d ✗
4. c ✗

Question ID : **9489114184**
Option 1 ID : **94891116735**
Option 2 ID : **94891116734**
Option 3 ID : **94891116733**
Option 4 ID : **94891116736**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

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

1. None assumption is implied
2. Both assumptions are implied
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

1. Gear
2. Wheels
3. ✓ Petrol
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
2. 107
3. 111
4. 110

Question ID : **9489114176**
Option 1 ID : **94891116701**
Option 2 ID : **94891116703**
Option 3 ID : **94891116704**
Option 4 ID : **94891116702**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

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
1. Friday
2. Thursday
3. Monday
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**

QP HTML Generated date 2021/08/01-11:34:49