www.prepp.in

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	
Test Date	17/01/2021
Test Time	10:30 AM - 12:00 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 The curve surface area of a cylindrical pillar is $264\ m^2$ and its volume is $924\ m^3$. Find the ratio of its height to its diameter.

Ans
✗ 1. 1 : 2
✗ 2. 7 : 3
✗ 3. 5 : 6
✓ 4. 3 : 7

Question ID : **9489112865**
Option 1 ID : **94891111459**
Option 2 ID : **94891111458**
Option 3 ID : **94891111460**
Option 4 ID : **94891111457**
Status : **Answered**
Chosen Option : **4**

Q.2 The famous Indus Valley site Mohenjo-daro was first time excavated by the eminent Indian archaeologist:

Ans
✗ 1. BB Lal
✓ 2. RD Banerji
✗ 3. Daya Ram Sahni
✗ 4. SR Rao

Question ID : **9489112121**
Option 1 ID : **9489118482**
Option 2 ID : **9489118484**
Option 3 ID : **9489118483**
Option 4 ID : **9489118481**
Status : **Answered**
Chosen Option : **3**

www.prepp.in

Q.3 Read the given statements and conclusion carefully and decide which of the options is most appropriate with respect to the statements.

Statements:

(i) Some individuals are weak in English.

(ii) All those who are weak in English are artists.

Conclusion:

Some artists are not individuals.

Ans
1. ✗ The conclusion is irrelevant
2. ✗ The conclusion is definitely false
3. ✓ The conclusion is definitely true
4. ✗ The conclusion is probably true

Question ID : **9489112282**
Option 1 ID : **9489119127**
Option 2 ID : **9489119128**
Option 3 ID : **9489119126**
Option 4 ID : **9489119125**
Status : **Answered**
Chosen Option : **2**

Q.4 Which of the following is NOT an example of the heating effect of current?

Ans
1. ✗ Bulb
2. ✓ Working of a fan
3. ✗ Electric iron
4. ✗ Electric kettle

Question ID : **9489112114**
Option 1 ID : **9489118454**
Option 2 ID : **9489118456**
Option 3 ID : **9489118453**
Option 4 ID : **9489118455**
Status : **Answered**
Chosen Option : **2**

Q.5 If $\sqrt{45}+\sqrt{125}=17.88$ then what will be the value of $\sqrt{180}+\sqrt{80}$?

Ans
1. ✗ 21.6
2. ✓ 22.35
3. ✗ 13.4
4. ✗ 22.2

Question ID : **9489112862**
Option 1 ID : **94891111446**
Option 2 ID : **94891111448**
Option 3 ID : **94891111447**
Option 4 ID : **94891111445**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.6 Which Indian organisation, related to the development of nuclear energy, is situated at Kolkata?

Ans
1. Bhabha Atomic Research Centre (BARC)
2. Raja Ramanna Centre for Advanced Technology (RRCAT)
3. Atomic Minerals Directorate for Exploration and Research (AMD)
4. Variable Energy Cyclotron Centre (VECC)

Question ID : **9489112130**
Option 1 ID : **9489118520**
Option 2 ID : **9489118518**
Option 3 ID : **9489118519**
Option 4 ID : **9489118517**
Status : **Answered**
Chosen Option : **4**

Q.7 The North-South and East-West(NS-EW) corridors of Indian Highway network intersect at _____.

Ans
1. Jaipur
2. Jhansi
3. Bhopal
4. Delhi

Question ID : **9489112140**
Option 1 ID : **9489118560**
Option 2 ID : **9489118558**
Option 3 ID : **9489118559**
Option 4 ID : **9489118557**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the letter cluster from among the given options that can replace the question mark (?) in the following series.

CF, IL, OR, ?

Ans
1. UY
2. TW
3. TX
4. UX

Question ID : **9489112287**
Option 1 ID : **9489119146**
Option 2 ID : **9489119147**
Option 3 ID : **9489119148**
Option 4 ID : **9489119145**
Status : **Answered**
Chosen Option : **4**

www.prepp.in

Q.9 Who among the following is a Swiss professional tennis player who set a record with eight Wimbledon titles and five consecutive US open titles?

Ans
1. Rafeal Nadal ✗
2. Novak Djokovic ✗
3. Roger Federer ✓
4. Andy Murray ✗

Question ID : **9489112105**
Option 1 ID : **9489118417**
Option 2 ID : **9489118418**
Option 3 ID : **9489118420**
Option 4 ID : **9489118419**
Status : **Answered**
Chosen Option : **3**

Q.10 If $\tan A = \frac{8}{15}$ then find $\sin A + \cos A$.

Ans
1. $\frac{15}{11}$ ✗
2. $\frac{7}{17}$ ✗
3. $\frac{23}{17}$ ✓
4. $\frac{8}{11}$ ✗

Question ID : **9489112873**
Option 1 ID : **94891111490**
Option 2 ID : **94891111492**
Option 3 ID : **94891111491**
Option 4 ID : **94891111489**
Status : **Answered**
Chosen Option : **3**

Q.11 _____ is known as the city of pearls.

Ans
1. Nagari ✗
2. Tirupati ✗
3. Hyderabad ✓
4. Nellore ✗

Question ID : **9489112109**
Option 1 ID : **9489118434**
Option 2 ID : **9489118436**
Option 3 ID : **9489118433**
Option 4 ID : **9489118435**
Status : **Answered**
Chosen Option : **4**

www.prepp.in

Q.12 Select the number that can replace the question mark (?) in the following equation.

$?+\frac{18}{24}+3\frac{3}{4}=23\frac{13}{24}$

Ans

1. $19\frac{13}{24}$
2. $19\frac{11}{24}$
3. 1
4. $19\frac{1}{24}$

Question ID : **9489112849**
Option 1 ID : **94891111394**
Option 2 ID : **94891111393**
Option 3 ID : **94891111395**
Option 4 ID : **94891111396**
Status : **Answered**
Chosen Option : **4**

Q.13 Find the least number which is divisible by first ten natural numbers.

Ans

1. 1040
2. 77000
3. 2520
4. 5000

Question ID : **9489112847**
Option 1 ID : **94891111385**
Option 2 ID : **94891111388**
Option 3 ID : **94891111386**
Option 4 ID : **94891111387**
Status : **Answered**
Chosen Option : **3**

Q.14 Which of the following numbers is divisible by 11?

Ans

1. 332155
2. 202963
3. 181560
4. 203456

Question ID : **9489112853**
Option 1 ID : **94891111410**
Option 2 ID : **94891111411**
Option 3 ID : **94891111409**
Option 4 ID : **94891111412**
Status : **Answered**
Chosen Option : **4**

www.prepp.in

Q.15 Which one of the following determines how different programs exchange data over the internet?

Ans
1. Bluetooth ✗
2. E-mail ✗
3. URL ✗
4. Hypertext transfer protocol ✓

Question ID : **9489112138**
Option 1 ID : **9489118549**
Option 2 ID : **9489118552**
Option 3 ID : **9489118550**
Option 4 ID : **9489118551**
Status : **Answered**
Chosen Option : **4**

Q.16 Find the HCF of $(3^{45} - 1)$ and $(3^{35} - 1)$.

Ans
1. 728 ✗
2. 81 ✗
3. 80 ✗
4. 242 ✓

Question ID : **9489112848**
Option 1 ID : **94891111392**
Option 2 ID : **94891111390**
Option 3 ID : **94891111389**
Option 4 ID : **94891111391**
Status : **Answered**
Chosen Option : **4**

Q.17 Who among the following was the Chief Justice of India before the current occupant Chief Justice S A Bobde?

Ans
1. Kapil Sibbal ✗
2. Salman Khurshid ✗
3. Ranjan Gogoi ✓
4. Arun Jaitely ✗

Question ID : **9489112106**
Option 1 ID : **9489118423**
Option 2 ID : **9489118421**
Option 3 ID : **9489118422**
Option 4 ID : **9489118424**
Status : **Answered**
Chosen Option : **3**

www.prepp.in

Q.18 If the average of a_1, a_2, a_3 and a_4 is 19.5, $a_1 = 21$ and the average of a_1, a_2 and a_3 is equal to the average of a_2, a_3 and a_4, then what will be the value of a_4 ?

Ans
1. 18 ✗
2. 25 ✗
3. 20 ✗
4. 21 ✓

Question ID : **9489112872**
Option 1 ID : **94891111486**
Option 2 ID : **94891111487**
Option 3 ID : **94891111488**
Option 4 ID : **94891111485**
Status : **Answered**
Chosen Option : **4**

Q.19 Which of the following Harappan site is NOT associated with craft production?

Ans
1. Chanhudaro ✗
2. Balakot ✗
3. Nageshwar ✗
4. Manda ✓

Question ID : **9489112119**
Option 1 ID : **9489118474**
Option 2 ID : **9489118476**
Option 3 ID : **9489118475**
Option 4 ID : **9489118473**
Status : **Answered**
Chosen Option : **3**

Q.20 If we increase 50% of numerator and 80% of denominator of a fraction, then what fraction of the original will be the new fraction?

Ans
1. $\frac{6}{5}$ ✗
2. $\frac{5}{6}$ ✓
3. $\frac{5}{8}$ ✗
4. $\frac{7}{9}$ ✗

Question ID : **9489112850**
Option 1 ID : **94891111398**
Option 2 ID : **94891111397**
Option 3 ID : **94891111399**
Option 4 ID : **94891111400**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.21 Select the option that is related to the third term in the same way as the second term is related to the first term.

Serene : Calm : : Fierce : ?

Ans

1. Cooler ✗
2. Aggressive ✓
3. Proud ✗
4. Silent ✗

Question ID : **9489112274**
Option 1 ID : **9489119095**
Option 2 ID : **9489119094**
Option 3 ID : **9489119093**
Option 4 ID : **9489119096**
Status : **Answered**
Chosen Option : **2**

Q.22 What is the nickname given to ISRO's most powerful Rocket GSLV-Mk III?

Ans

1. Fat Boy ✓
2. Naughty Boy ✗
3. Naughty Men ✗
4. Fat Men ✗

Question ID : **9489112131**
Option 1 ID : **9489118522**
Option 2 ID : **9489118521**
Option 3 ID : **9489118523**
Option 4 ID : **9489118524**
Status : **Answered**
Chosen Option : **1**

Q.23 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

Ans

1. 21 ✓
2. 20 ✗
3. 19 ✗
4. 13 ✗

Question ID : **9489112298**
Option 1 ID : **9489119189**
Option 2 ID : **9489119191**
Option 3 ID : **9489119190**
Option 4 ID : **9489119192**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.24 Which option has the words arranged in the order in which they appear in an English dictionary?

Ans
1. Antigen→Antique→Antipathy→Apology→Branch
2. Antigen→Antique→Apology→Antipathy→ Branch
3. Antigen→Antipathy→Antique→Apology→Branch
4. Antipathy→Apology→Branch→Antigen→Antique

Question ID : **9489112283**
Option 1 ID : **9489119131**
Option 2 ID : **9489119130**
Option 3 ID : **9489119132**
Option 4 ID : **9489119129**
Status : **Answered**
Chosen Option : **3**

Q.25 The instrument used to measure current is called _____.

Ans
1. Ammeter
2. Voltmeter
3. Battery
4. Meter

Question ID : **9489112113**
Option 1 ID : **9489118451**
Option 2 ID : **9489118450**
Option 3 ID : **9489118452**
Option 4 ID : **9489118449**
Status : **Answered**
Chosen Option : **1**

Q.26 Find the smallest number which must be subtracted from 63535 to make it a perfect square.

Ans
1. 25
2. 31
3. 30
4. 41

Question ID : **9489112845**
Option 1 ID : **94891111379**
Option 2 ID : **94891111378**
Option 3 ID : **94891111380**
Option 4 ID : **94891111377**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.27 How many digits will be there to the right of the decimal point in the product of 99.75 and 0.05554?

Ans

✗ 1. 8
✓ 2. 6
✗ 3. 7
✗ 4. 5

Question ID : **9489112852**
Option 1 ID : **94891111405**
Option 2 ID : **94891111407**
Option 3 ID : **94891111406**
Option 4 ID : **94891111408**
Status : **Answered**
Chosen Option : **2**

Q.28 In triangle ABC, bisector of $\angle ABC$ and $\angle ACB$ meet at O. If $\angle BAC = 60°$, then find the measure of $\angle BOC$.

Ans

✓ 1. $120°$
✗ 2. $160°$
✗ 3. $80°$
✗ 4. $130°$

Question ID : **9489112871**
Option 1 ID : **94891111481**
Option 2 ID : **94891111483**
Option 3 ID : **94891111482**
Option 4 ID : **94891111484**
Status : **Answered**
Chosen Option : **1**

Q.29 In a school there were 6 teachers. A and B taught Hindi and English. D and A taught Mathematics and Science. C and E taught English and Mathematics. F and B taught Hindi and French. Who taught the maximum number of subjects?

Ans

✗ 1. E
✗ 2. D
✗ 3. B
✓ 4. A

Question ID : **9489112301**
Option 1 ID : **9489119204**
Option 2 ID : **9489119203**
Option 3 ID : **9489119202**
Option 4 ID : **9489119201**
Status : **Answered**
Chosen Option : **4**

www.prepp.in

Q.30 Who developed the theory of 'population growth'?

Ans
1. Aristotle ✗
2. Darwin ✗
3. Plato ✗
4. Malthus ✓

Question ID : **9489112124**
Option 1 ID : **9489118494**
Option 2 ID : **9489118496**
Option 3 ID : **9489118495**
Option 4 ID : **9489118493**
Status : **Answered**
Chosen Option : **4**

Q.31 In 1944, who took over as the Director General of the Archaeological Survey of India and undertook the excavations of Harappa?

Ans
1. REM Wheeler ✓
2. Rakhal Das Banerji ✗
3. John Marshall ✗
4. Daya Ram Sahni ✗

Question ID : **9489112117**
Option 1 ID : **9489118467**
Option 2 ID : **9489118468**
Option 3 ID : **9489118465**
Option 4 ID : **9489118466**
Status : **Answered**
Chosen Option : **2**

Q.32 The canal that links the Mediterranean Sea and the Red Sea is:

Ans
1. Soo Canal ✗
2. Suez Canal ✓
3. Welland Canal ✗
4. Panama Canal ✗

Question ID : **9489112122**
Option 1 ID : **9489118485**
Option 2 ID : **9489118487**
Option 3 ID : **9489118488**
Option 4 ID : **9489118486**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.33 Which one of the following is NOT true about plaster of Paris?

Ans
1. Plaster of Paris is used for making ornamental designs.
2. Plaster of Paris doesn't change on wetting with water.
3. Plaster of Paris is white.
4. Plaster of Paris is used to repair the broken bones.

Question ID : **9489112112**
Option 1 ID : **9489118448**
Option 2 ID : **9489118446**
Option 3 ID : **9489118445**
Option 4 ID : **9489118447**
Status : **Answered**
Chosen Option : **1**

Q.34 Find the total surface area of a cone, if its radius and slant height are 2r and $\frac{1}{2}$ respectively.

Ans
1. $\pi\,(4r^2+1)$
2. $\frac{4r^2+1}{2}$
3. $\pi r\,(4r+1)$
4. $\pi r\,(2r+1)$

Question ID : **9489112864**
Option 1 ID : **94891111453**
Option 2 ID : **94891111456**
Option 3 ID : **94891111454**
Option 4 ID : **94891111455**
Status : **Answered**
Chosen Option : **3**

Q.35 Who was appointed as the first woman speaker of the Lok Sabha?

Ans
1. Smriti Irani
2. Meira Kumar
3. Sushma Swaraj
4. Hema Malini

Question ID : **9489112127**
Option 1 ID : **9489118507**
Option 2 ID : **9489118506**
Option 3 ID : **9489118505**
Option 4 ID : **9489118508**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.36 If $r \sin\theta = \frac{7}{2}$ and $r \cos\theta = \frac{7\sqrt{3}}{2}$, then what will be the value of r?

Ans

1. -1 ✗
2. $\sqrt{3}$ ✗
3. 5 ✗
4. 7 ✓

Question ID : **9489112868**
Option 1 ID : **94891111472**
Option 2 ID : **94891111470**
Option 3 ID : **94891111471**
Option 4 ID : **94891111469**
Status : **Answered**
Chosen Option : **4**

Q.37 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans

1. Increase ✗
2. Reduce ✓
3. Raise ✗
4. Enhance ✗

Question ID : **9489112293**
Option 1 ID : **9489119169**
Option 2 ID : **9489119171**
Option 3 ID : **9489119170**
Option 4 ID : **9489119172**
Status : **Answered**
Chosen Option : **2**

Q.38 Under which Article can the President of India grant pardons, reprieves, respites or remission of punishment or suspend, remit or commute the sentence of any person convicted with the death sentence?

Ans

1. Article 65 ✗
2. Article 123 ✗
3. Article 50 ✗
4. Article 72 ✓

Question ID : **9489112129**
Option 1 ID : **9489118515**
Option 2 ID : **9489118513**
Option 3 ID : **9489118514**
Option 4 ID : **9489118516**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.39 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans
1. Autumn
2. Storm
3. Winter
4. Spring

Question ID : **9489112294**
Option 1 ID : **9489119173**
Option 2 ID : **9489119175**
Option 3 ID : **9489119174**
Option 4 ID : **9489119176**
Status : **Answered**
Chosen Option : **2**

Q.40 Rourkela, Bhilai, Bokaro, Visakhapatnam etc are centres for:

Ans
1. cotton and textile industry
2. iron and steel industry
3. chemical plants
4. footloose industry

Question ID : **9489112125**
Option 1 ID : **9489118498**
Option 2 ID : **9489118499**
Option 3 ID : **9489118500**
Option 4 ID : **9489118497**
Status : **Answered**
Chosen Option : **2**

Q.41 _____ is a plant which grows in the wild and has stinging hair on its leaves which cause painful stings when touched accidentally.

Ans
1. Nettle
2. Pigweed
3. Miner's Lettuce
4. Clovers

Question ID : **9489112116**
Option 1 ID : **9489118463**
Option 2 ID : **9489118462**
Option 3 ID : **9489118464**
Option 4 ID : **9489118461**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.42 The value of 987×999 is:

Ans
1. 986013 ✔
2. 980613 ✘
3. 996023 ✘
4. 976023 ✘

Question ID : **9489112858**
Option 1 ID : **94891111430**
Option 2 ID : **94891111429**
Option 3 ID : **94891111432**
Option 4 ID : **94891111431**
Status : **Answered**
Chosen Option : **1**

Q.43 _____ is the UN specialized agency which directs and co-ordinates health related matters internationally.

Ans
1. WFP ✘
2. WHO ✔
3. UNESCO ✘
4. UNDP ✘

Question ID : **9489112133**
Option 1 ID : **9489118531**
Option 2 ID : **9489118529**
Option 3 ID : **9489118532**
Option 4 ID : **9489118530**
Status : **Answered**
Chosen Option : **2**

Q.44 Find the area of an equilateral triangle whose perimeter is 24 cm.

Ans
1. $144\ cm^2$ ✘
2. $24\sqrt{3}\ cm^2$ ✘
3. $16\sqrt{3}\ cm^2$ ✔
4. $16\ cm^2$ ✘

Question ID : **9489112866**
Option 1 ID : **94891111462**
Option 2 ID : **94891111464**
Option 3 ID : **94891111463**
Option 4 ID : **94891111461**
Status : **Answered**
Chosen Option : **3**

www.prepp.in

Q.45 Eight persons A, B, C, D, E, F, G and H are sitting around a circular table facing opposite to the centre (not necessarily in the same order). B is the neighbour of E and is fourth to the right of A. Only two persons are sitting between E and F. Only three persons are sitting between G and H. B is not the neighbour of G. D is third to the left of C. Who can be the neighbours of A?

Ans

1. ✗ C and D
2. ✓ G and D
3. ✗ G and H
4. ✗ H and C

Question ID : **9489112302**
Option 1 ID : **9489119207**
Option 2 ID : **9489119206**
Option 3 ID : **9489119205**
Option 4 ID : **9489119208**
Status : **Answered**
Chosen Option : **2**

Q.46 A salesman has to cover 6 km in $\frac{3}{4}$ h. If he covers $\frac{1}{2}$ of the distance in $\frac{2}{3}$ of the total time, then what must be his speed (in km/h) to cover the remaining distance in the remaining time?

Ans

1. ✗ 8
2. ✗ 15
3. ✗ 6
4. ✓ 12

Question ID : **9489112861**
Option 1 ID : **94891111442**
Option 2 ID : **94891111443**
Option 3 ID : **94891111441**
Option 4 ID : **94891111444**
Status : **Answered**
Chosen Option : **4**

Q.47 The cost price of 19 pens is equal to the selling price of 16 pens. Percentage gain is:

Ans

1. ✓ $18\frac{3}{4}\%$
2. ✗ 12.5%
3. ✗ 15%
4. ✗ $15\frac{3}{4}\%$

Question ID : **9489112867**
Option 1 ID : **94891111468**
Option 2 ID : **94891111467**
Option 3 ID : **94891111466**
Option 4 ID : **94891111465**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.48 Solve the following.

$4 \times 36 - 6[3 + 2(216 \div 6) - 51] = ?$

Ans
1. 10
2. 0
3. 1
4. −1

Question ID : **9489112846**
Option 1 ID : **94891111384**
Option 2 ID : **94891111383**
Option 3 ID : **94891111381**
Option 4 ID : **94891111382**
Status : **Answered**
Chosen Option : **2**

Q.49 Startup India is the key initiative of the Ministry of _____.

Ans
1. Health and Family Welfare
2. Human Resource Development
3. Skill Development and Entrepreneurship
4. Commerce and Industry

Question ID : **9489112141**
Option 1 ID : **9489118563**
Option 2 ID : **9489118564**
Option 3 ID : **9489118561**
Option 4 ID : **9489118562**
Status : **Answered**
Chosen Option : **2**

Q.50 If cooler is called 'food', food is called 'rose', rose is called 'restaurant', and restaurant is called 'natkhat', then what would a man eat?

Ans
1. Rose
2. Natkhat
3. Restaurant
4. Cooler

Question ID : **9489112278**
Option 1 ID : **9489119112**
Option 2 ID : **9489119111**
Option 3 ID : **9489119109**
Option 4 ID : **9489119110**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.51 Which two places are connected by the National Highway, NH-44?

Ans
✔ 1. Srinagar to Kanyakumari
✘ 2. Lahaul & Spiti to Kanyakumari
✘ 3. Vijay Nagar to Kutch
✘ 4. Delhi to Chennai

Question ID : **9489112110**
Option 1 ID : **9489118438**
Option 2 ID : **9489118437**
Option 3 ID : **9489118439**
Option 4 ID : **9489118440**
Status : **Answered**
Chosen Option : **1**

Q.52 A Giffen good is related to which of the following?

Ans
✔ 1. Income effect is stronger than the substitution effect
✘ 2. Substitution effect is stronger than the income effect
✘ 3. Income effect has no relation to the substitution effect
✘ 4. Income effect is equal to the substitution effect

Question ID : **9489112142**
Option 1 ID : **9489118567**
Option 2 ID : **9489118565**
Option 3 ID : **9489118568**
Option 4 ID : **9489118566**
Status : **Answered**
Chosen Option : **2**

Q.53 Which type of sugar is responsible for sweetening in fruits?

Ans
✘ 1. Lactose
✘ 2. Maltose
✔ 3. Fructose
✘ 4. Sucrose

Question ID : **9489112111**
Option 1 ID : **9489118441**
Option 2 ID : **9489118443**
Option 3 ID : **9489118444**
Option 4 ID : **9489118442**
Status : **Answered**
Chosen Option : **3**

www.prepp.in

Q.54 Launched on 1st May 2016, the scheme that provides free LPG connection to women from below poverty line families is:

Ans

1. ✗ Pradhan Mantri Sugam Yojana
2. ✗ Pradhan Mantri Jan Dhan Yojana
3. ✓ Pradhan Mantri Ujjwala Yojana
4. ✗ Prime Minister Scheme for free gas connection

Question ID : **9489112107**
Option 1 ID : **9489118427**
Option 2 ID : **9489118428**
Option 3 ID : **9489118425**
Option 4 ID : **9489118426**
Status : **Answered**
Chosen Option : **3**

Q.55 Two employees Anita and Sarita are paid a total sum of ₹6,600 per month. If Anita is paid 120% of the sum paid to Sarita, then what amount will Sarita get?

Ans

1. ✗ ₹4,500
2. ✓ ₹3,000
3. ✗ ₹30,000
4. ✗ ₹5,000

Question ID : **9489112857**
Option 1 ID : **94891111426**
Option 2 ID : **94891111425**
Option 3 ID : **94891111428**
Option 4 ID : **94891111427**
Status : **Answered**
Chosen Option : **2**

Q.56 Geeta ranks 8th from the top in the group of 40 students. What will be her rank from the bottom?

Ans

1. ✓ 33
2. ✗ 31
3. ✗ 32
4. ✗ 34

Question ID : **9489112280**
Option 1 ID : **9489119118**
Option 2 ID : **9489119120**
Option 3 ID : **9489119117**
Option 4 ID : **9489119119**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.57 _____ in India is an anti-corruption institution who can investigate on complaints received from individuals against maladministration by public authorities.

Ans

1. STF
2. CBI
3. Lokpal
4. IB

Question ID : **9489112128**
Option 1 ID : **9489118510**
Option 2 ID : **9489118509**
Option 3 ID : **9489118511**
Option 4 ID : **9489118512**
Status : **Answered**
Chosen Option : **3**

Q.58 In Δ XYZ, XY = 12 cm and YZ = 18 cm. XW, the angle bisector of YXZ, meets YZ at W, such that YW : WZ is 4 : 5. Find the length of the third side of the triangle.

Ans

1. 12 cm
2. 15 cm
3. 14 cm
4. 18 cm

Question ID : **9489112869**
Option 1 ID : **94891111473**
Option 2 ID : **94891111476**
Option 3 ID : **94891111474**
Option 4 ID : **94891111475**
Status : **Answered**
Chosen Option : **2**

Q.59 In a certain code language, MOHRA is written as 73541 and KALINGA is written as 2168901. How will HARLIN be written as in that language?

Ans

1. 568914
2. 541869
3. 514689
4. 514986

Question ID : **9489112279**
Option 1 ID : **9489119116**
Option 2 ID : **9489119113**
Option 3 ID : **9489119115**
Option 4 ID : **9489119114**
Status : **Answered**
Chosen Option : **3**

www.prepp.in

Q.60 Which one of the following is NOT a search engine?

Ans
✔ 1. Instagram
✘ 2. Google
✘ 3. Yahoo
✘ 4. Bing

Question ID : **9489112137**
Option 1 ID : **9489118548**
Option 2 ID : **9489118545**
Option 3 ID : **9489118546**
Option 4 ID : **9489118547**
Status : **Answered**
Chosen Option : **1**

Q.61 _____ is the longest highway of India.

Ans
✘ 1. NH-20
✘ 2. NH-35
✔ 3. NH-44
✘ 4. NH-8

Question ID : **9489112139**
Option 1 ID : **9489118556**
Option 2 ID : **9489118555**
Option 3 ID : **9489118553**
Option 4 ID : **9489118554**
Status : **Answered**
Chosen Option : **3**

Q.62 The mobile app developed by the federation of Indian Export Organisation that provides a wide range of information required to undertake international trade is called _____.

Ans
✘ 1. Niryat Saathi
✘ 2. Niryat Hub
✔ 3. Niryat Mitra
✘ 4. Niryat Seva

Question ID : **9489112143**
Option 1 ID : **9489118570**
Option 2 ID : **9489118571**
Option 3 ID : **9489118569**
Option 4 ID : **9489118572**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.63 The Indian painting style which has embellishments of pure gold and precious stones and depicts Hindu deities, especially Lord Krishna is:

Ans

1. ✗ Warli
2. ✓ Tanjore Paintings
3. ✗ Madhubani
4. ✗ Murals

Question ID : **9489112108**
Option 1 ID : **9489118430**
Option 2 ID : **9489118431**
Option 3 ID : **9489118429**
Option 4 ID : **9489118432**
Status : **Answered**
Chosen Option : **4**

Q.64 Two trains are running in the same direction with the speeds of 32 km/h and 26 km/h respectively from X and Y. If X is 42 km away from Y and if they meet at a point Z beyond Y, then the distance from Y to Z will be:

Ans

1. ✓ 182 km
2. ✗ 236 km
3. ✗ 165 km
4. ✗ 148 km

Question ID : **9489112863**
Option 1 ID : **94891111451**
Option 2 ID : **94891111450**
Option 3 ID : **94891111452**
Option 4 ID : **94891111449**
Status : **Answered**
Chosen Option : **1**

Q.65 If $(1 + 2 + x) - (0.12 - 0.42 + 0.94) = 4$, then what will be the value of x?

Ans

1. ✓ 1.64
2. ✗ 1.54
3. ✗ 2.64
4. ✗ 2.54

Question ID : **9489112844**
Option 1 ID : **94891111373**
Option 2 ID : **94891111375**
Option 3 ID : **94891111374**
Option 4 ID : **94891111376**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.66 In a lottery, 96.5% of the participants did not win any prize but 700 participants won a prize. The total number of participants is:

Ans

1. 7000 ✗
2. 67550 ✗
3. 20000 ✓
4. 10000 ✗

Question ID : **9489112855**
Option 1 ID : **94891111419**
Option 2 ID : **94891111420**
Option 3 ID : **94891111418**
Option 4 ID : **94891111417**
Status : **Answered**
Chosen Option : **3**

Q.67 The difference between compound interest and simple interest, at the same rate, on an amount of ₹15,000 for 2 years is ₹24. What is the rate of interest per annum?

Ans

1. 6% ✗
2. 10% ✗
3. 4% ✓
4. 8% ✗

Question ID : **9489112856**
Option 1 ID : **94891111422**
Option 2 ID : **94891111424**
Option 3 ID : **94891111421**
Option 4 ID : **94891111423**
Status : **Answered**
Chosen Option : **3**

Q.68 Which of the following mountain ranges is an example of fold mountains?

Ans

1. Himalayas ✓
2. Vosges ✗
3. Sierra Nevada ✗
4. Harz ✗

Question ID : **9489112126**
Option 1 ID : **9489118504**
Option 2 ID : **9489118503**
Option 3 ID : **9489118501**
Option 4 ID : **9489118502**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.69 Fort William was built by the East India Company. The village of _____ was cleared as a site for the fort.

Ans
1. Alipore
2. Durganagar
3. Gobindapur
4. Mayurganj

Question ID : **9489112120**
Option 1 ID : **9489118477**
Option 2 ID : **9489118480**
Option 3 ID : **9489118478**
Option 4 ID : **9489118479**
Status : **Answered**
Chosen Option : **1**

Q.70 A voltmeter is an instrument which can detect the presence of _____

Ans
1. potential difference
2. heat
3. vibrations
4. magnetic field

Question ID : **9489112115**
Option 1 ID : **9489118457**
Option 2 ID : **9489118459**
Option 3 ID : **9489118460**
Option 4 ID : **9489118458**
Status : **Answered**
Chosen Option : **1**

Q.71 Select the option that is related to the third term in the same way as the second term is related to the first term.

Needle : Stitch : : Scissors : ?

Ans
1. Cut
2. Slice
3. Break
4. Scrape

Question ID : **9489112276**
Option 1 ID : **9489119104**
Option 2 ID : **9489119101**
Option 3 ID : **9489119102**
Option 4 ID : **9489119103**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.72 She is the first robot in the world to become a full citizen of a country. Who is she?

Ans
1. Rose
2. Allen
3. Lily
4. Sophia

Question ID : **9489112136**
Option 1 ID : **9489118544**
Option 2 ID : **9489118541**
Option 3 ID : **9489118543**
Option 4 ID : **9489118542**
Status : **Answered**
Chosen Option : **4**

Q.73 Which Biosphere Reserve of India has become the 11th such entry from India to be included in the UNESCO's world network of Biosphere Reserves in 2018?

Ans
1. Pachmarhi
2. Khangchendzonga
3. Nanda Devi
4. Cold Desert

Question ID : **9489112135**
Option 1 ID : **9489118538**
Option 2 ID : **9489118537**
Option 3 ID : **9489118540**
Option 4 ID : **9489118539**
Status : **Answered**
Chosen Option : **3**

Q.74 How many words can be formed with or without meaning by using all letters of the word DELHI?

Ans
1. 1
2. 120
3. 20
4. 5

Question ID : **9489112851**
Option 1 ID : **94891111403**
Option 2 ID : **94891111404**
Option 3 ID : **94891111402**
Option 4 ID : **94891111401**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.75 On 22nd July 2019, from which place was the Chandrayaan-2 launched?

Ans

✗ 1. Remote Sensing Centre, Balasore

✗ 2. Down Range Station, Port Blair

✗ 3. Delhi Earth Station

✓ 4. Sriharikota High Altitude Range

Question ID : **9489112132**
Option 1 ID : **9489118525**
Option 2 ID : **9489118526**
Option 3 ID : **9489118528**
Option 4 ID : **9489118527**
Status : **Answered**
Chosen Option : **4**

Q.76 In Δ PQR, QR is extended up to S so that RS = RP. If $\angle PRQ = 70°$ and $\angle QPS = 110°$ then find the measure of $\angle PQS$.

Ans

✗ 1. $50°$

✓ 2. $35°$

✗ 3. $65°$

✗ 4. $55°$

Question ID : **9489112870**
Option 1 ID : **94891111479**
Option 2 ID : **94891111480**
Option 3 ID : **94891111478**
Option 4 ID : **94891111477**
Status : **Answered**
Chosen Option : **2**

Q.77 The ratio of income of Aamir to that of Ali is 5 : 3 and they expend in the ratio of 9 : 5 respectively. If Aamir saves ₹2,600 and Ali saves ₹1,800, Then their respective incomes are:

Ans

✓ 1. ₹8,000, ₹4,800

✗ 2. ₹6,000, ₹3,600

✗ 3. ₹9,000, ₹5,400

✗ 4. ₹8,500, ₹5,100

Question ID : **9489112854**
Option 1 ID : **94891111413**
Option 2 ID : **94891111414**
Option 3 ID : **94891111416**
Option 4 ID : **94891111415**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.78 Select the conclusion, from among the following options, which logically follows from the given statement.

Statement:

One must work hard to be successful in life.

Ans
1. A hardworking person is satisfied in life.
2. Life is related with hard work.
3. Only those who work hard will be able to pass.
4. Without hard work one cannot be successful in life.

Question ID : **9489112281**
Option 1 ID : **9489119123**
Option 2 ID : **9489119121**
Option 3 ID : **9489119122**
Option 4 ID : **9489119124**
Status : **Answered**
Chosen Option : **4**

Q.79 The United Nations University is located in:

Ans
1. Tokyo, Japan
2. Stockholm, Sweden
3. Beijing, China
4. London, England

Question ID : **9489112134**
Option 1 ID : **9489118535**
Option 2 ID : **9489118533**
Option 3 ID : **9489118536**
Option 4 ID : **9489118534**
Status : **Answered**
Chosen Option : **1**

Q.80 If a number is increased by 20% and then it is decreased by 10%. Its net increase or decrease is:

Ans
1. 8% increase
2. 10% increase
3. 10% decrease
4. 8% decrease

Question ID : **9489112859**
Option 1 ID : **94891111435**
Option 2 ID : **94891111433**
Option 3 ID : **94891111434**
Option 4 ID : **94891111436**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.81 Cargo services are a part of the _____ activities of the service sector.

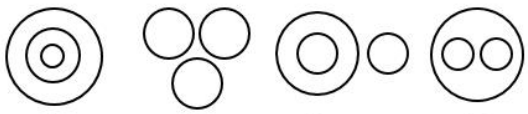
Ans

1. transport ✗
2. primary ✗
3. tertiary ✓
4. quaternary ✗

Question ID : **9489112123**
Option 1 ID : **9489118490**
Option 2 ID : **9489118489**
Option 3 ID : **9489118492**
Option 4 ID : **9489118491**
Status : **Answered**
Chosen Option : **3**

Q.82 Select the Venn diagram that best represents the relationship between the given set of classes.

Citizens, Moon, Grains



Ans

1. D ✗
2. A ✗
3. C ✗
4. B ✓

Question ID : **9489112297**
Option 1 ID : **9489119188**
Option 2 ID : **9489119185**
Option 3 ID : **9489119187**
Option 4 ID : **9489119186**
Status : **Answered**
Chosen Option : **4**

Q.83 X purchased a car at ₹ 1,50,000 and then sold it to Y at a profit of 5%. Y later sold it back to X at a loss of 2%. Find the overall profit or loss for X in the entire transaction

Ans

1. X gain ₹3,150 ✓
2. X loss ₹4,350 ✗
3. X gain ₹4,500 ✗
4. X gain ₹4,350 ✗

Question ID : **9489112860**
Option 1 ID : **94891111439**
Option 2 ID : **94891111440**
Option 3 ID : **94891111438**
Option 4 ID : **94891111437**
Status : **Answered**
Chosen Option : **4**

www.prepp.in

Q.84 The first revenue settlement in the Bombay Deccan came into operation in the year:

Ans

✔ 1. 1820

✘ 2. 1720

✘ 3. 1920

✘ 4. 1280

Question ID : **9489112118**
Option 1 ID : **9489118471**
Option 2 ID : **9489118470**
Option 3 ID : **9489118472**
Option 4 ID : **9489118469**
Status : **Answered**
Chosen Option : **1**

Q.85 The highest decoration for valour (during wartime) given to the Indian uniformed soldiers is _____.

Ans

✘ 1. Shaurya Chakra

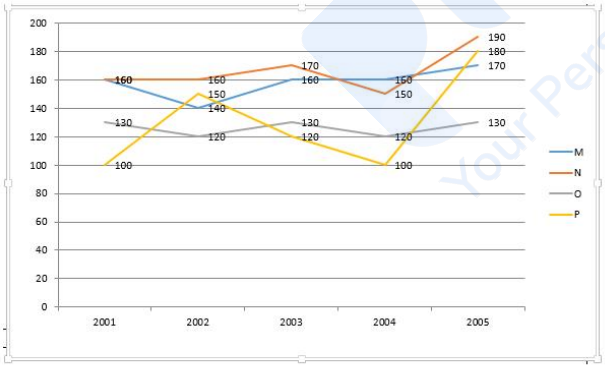
✘ 2. Vir Chakra

✘ 3. Mahavir Chakra

✔ 4. Param Vir Chakra

Question ID : **9489112104**
Option 1 ID : **9489118416**
Option 2 ID : **9489118415**
Option 3 ID : **9489118414**
Option 4 ID : **9489118413**
Status : **Answered**
Chosen Option : **4**

Q.86 The given graph shows rainfall in centimetres in the cities M, N, O and P from 2001 to 2005. Study the graph and answer the question.



Which city has recorded maximum rainfall on an average?

Ans

✔ 1. N

✘ 2. P

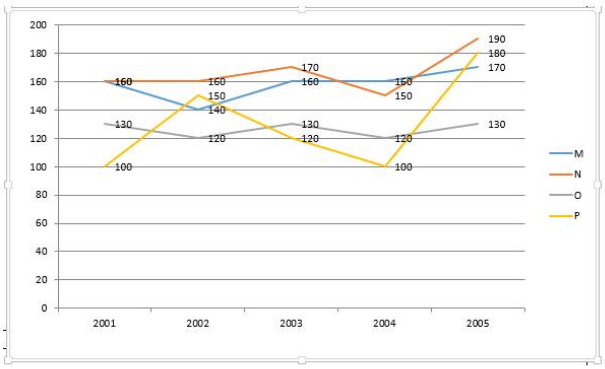
✘ 3. O

✘ 4. M

Question ID : **9489112289**
Option 1 ID : **9489119154**
Option 2 ID : **9489119156**
Option 3 ID : **9489119155**
Option 4 ID : **9489119153**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

Q.87 The given graph shows rainfall in centimetres in the cities M, N, O and P from 2001 to 2005. Study the graph and answer the question.



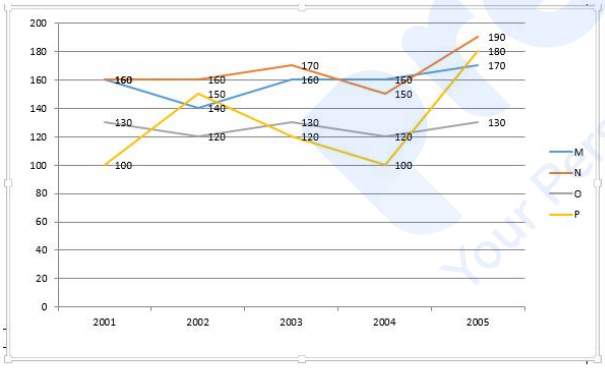
For the given period, which two cities are closest to each other in terms of average annual rainfall?

Ans

1. M and P
2. N and O
3. O and P
4. M and N

Question ID : **9489112290**
Option 1 ID : **9489119160**
Option 2 ID : **9489119158**
Option 3 ID : **9489119159**
Option 4 ID : **9489119157**
Status : **Answered**
Chosen Option : **3**

Q.88 The given graph shows rainfall in centimetres in the cities M, N, O and P from 2001 to 2005. Study the graph and answer the question.



Which city has the widest range of rainfall over 5 years?

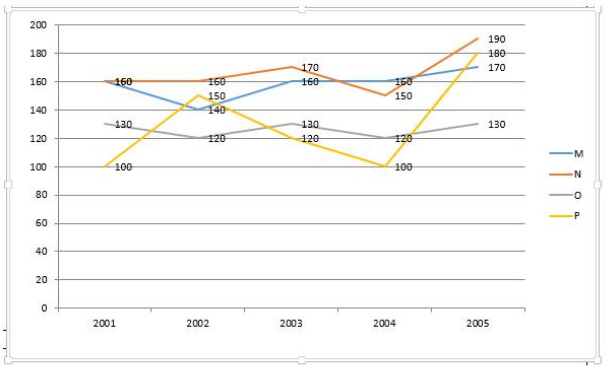
Ans

1. O
2. P
3. N
4. M

Question ID : **9489112291**
Option 1 ID : **9489119163**
Option 2 ID : **9489119161**
Option 3 ID : **9489119162**
Option 4 ID : **9489119164**
Status : **Answered**
Chosen Option : **3**

www.prepp.in

Q.89 The given graph shows rainfall in centimetres in the cities M, N, O and P from 2001 to 2005. Study the graph and answer the question.



Which year recorded highest total rainfall across all the cities?

Ans

1. 2004 ✗
2. 2005 ✓
3. 2003 ✗
4. 2001 ✗

Question ID : **9489112292**
Option 1 ID : **9489119167**
Option 2 ID : **9489119168**
Option 3 ID : **9489119166**
Option 4 ID : **9489119165**
Status : **Answered**
Chosen Option : **2**

Q.90 Select the letter from among the given options that can replace the question mark (?) in the following series.

B, E, H, K, ?, Q

Ans

1. N ✓
2. P ✗
3. O ✗
4. M ✗

Question ID : **9489112286**
Option 1 ID : **9489119142**
Option 2 ID : **9489119143**
Option 3 ID : **9489119141**
Option 4 ID : **9489119144**
Status : **Answered**
Chosen Option : **1**

www.prepp.in

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

Nature : Inherent : : Nurture : ?

Ans

1. Innate ✗
2. Character ✗
3. Trait ✗
4. Foster ✓

Question ID : **9489112277**
Option 1 ID : **9489119105**
Option 2 ID : **9489119108**
Option 3 ID : **9489119106**
Option 4 ID : **9489119107**
Status : **Answered**
Chosen Option : **1**

Q.92 Select the letter from among the given options that can replace the question mark (?) in the following series.

C, G, K, O, ?, W

Ans

1. U ✗
2. S ✓
3. T ✗
4. R ✗

Question ID : **9489112285**
Option 1 ID : **9489119140**
Option 2 ID : **9489119137**
Option 3 ID : **9489119139**
Option 4 ID : **9489119138**
Status : **Answered**
Chosen Option : **2**

Q.93 Select the number from among the given options that can replace the question mark (?) in the following series.

13, 25, 49, 97, ?

Ans

1. 196 ✗
2. 195 ✗
3. 198 ✗
4. 193 ✓

Question ID : **9489112284**
Option 1 ID : **9489119135**
Option 2 ID : **9489119136**
Option 3 ID : **9489119134**
Option 4 ID : **9489119133**
Status : **Answered**
Chosen Option : **4**

www.prepp.in

Q.94 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans

1. Original
2. Identical
3. Unique
4. Innovative

Question ID : **9489112295**
Option 1 ID : **9489119178**
Option 2 ID : **9489119179**
Option 3 ID : **9489119180**
Option 4 ID : **9489119177**
Status : **Answered**
Chosen Option : **4**

Q.95 Select the letter cluster from among the given options that can replace the question mark (?) in the following series.

AYD, BVF, CSH, ?

Ans

1. DPJ
2. EQK
3. DQI
4. DWS

Question ID : **9489112288**
Option 1 ID : **9489119150**
Option 2 ID : **9489119149**
Option 3 ID : **9489119152**
Option 4 ID : **9489119151**
Status : **Answered**
Chosen Option : **1**

Q.96 If Mohan is taller than Sohan, Ramesh is shorter than Mohan and Sangeeta is taller than Tulika but shorter than Sohan, then who among them is the tallest?

Ans

1. Sangeeta
2. Mohan
3. Ramesh
4. Sohan

Question ID : **9489112303**
Option 1 ID : **9489119212**
Option 2 ID : **9489119210**
Option 3 ID : **9489119211**
Option 4 ID : **9489119209**
Status : **Answered**
Chosen Option : **2**

www.prepp.in

Q.97 Ram is twice as old as Sohan, but twice younger than Rohan. Ravi is half the age of Sohan, but twice the age of Rohit. Who is the oldest?

Ans

1. Sohan
2. Ravi
3. Ram
4. Rohan ✔

Question ID : **9489112300**
Option 1 ID : **9489119197**
Option 2 ID : **9489119200**
Option 3 ID : **9489119198**
Option 4 ID : **9489119199**
Status : **Answered**
Chosen Option : **4**

Q.98 Select the option that is related to the third term in the same way as the second term is related to the first term.

Cricket : Bat : : Tennis : ?

Ans

1. Stick
2. Racquet ✔
3. Ball
4. Game

Question ID : **9489112275**
Option 1 ID : **9489119100**
Option 2 ID : **9489119099**
Option 3 ID : **9489119097**
Option 4 ID : **9489119098**
Status : **Answered**
Chosen Option : **2**

Q.99 Five friends Ram, Shiv, Sunil, Ravi and Rohan are in a tuition batch. Ram is older than Rohan. Ravi and Shiv are older than Sunil, whose age is between Ram and Ravi. If all of them are arranged in the ascending order of their ages, then who will come in the middle?

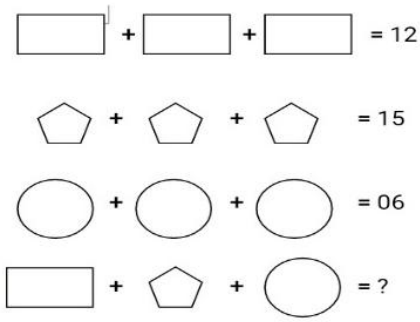
Ans

1. Rohan
2. Shiv
3. Ram
4. Sunil ✔

Question ID : **9489112299**
Option 1 ID : **9489119196**
Option 2 ID : **9489119194**
Option 3 ID : **9489119193**
Option 4 ID : **9489119195**
Status : **Answered**
Chosen Option : **4**

www.prepp.in

Q150 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



Ans
1. 11
2. 12
3. 8
4. 13

Question ID : **9489112296**
Option 1 ID : **9489119184**
Option 2 ID : **9489119182**
Option 3 ID : **9489119181**
Option 4 ID : **9489119183**
Status : **Answered**
Chosen Option : **1**