

Quiz Date: 31st March 2020

Directions (1-5): **Study the following information carefully and answer the questions which follow.**

Eight persons M, N, O, P, Q, R, S and T are sitting around a circular table facing to the Centre but not necessary in the same order. They all are working in 8 different states of India viz. Haryana, Punjab, Uttar Pradesh, Madhya Pradesh, Himanchal, Telangana, Uttarakhand and Gujrat. They all have their houses in the same village.

R is seated second to the right of T whose house is 10m to the north of the house of the one who works in Himanchal and they both do not work in Uttarakhand. S does not work in Punjab and Telangana state but sits 3rd to the left of the person who works in Uttarakhand whose house is 5m east of S's house. O sits to immediate left of the person who works in Punjab and sits opposite to one who is immediate right of T. M sits 3rd to the left of P and opposite to one who works in Uttarakhand. M's house is 10m to the east of the house of the person who works in Haryana. Houses of R, S and N lies in the same line respectively where R's house is 10m to the West of S's house. The person who works in Himanchal is not an immediate neighbor of the person who works in Punjab and Uttarakhand state. R is an immediate neighbor of Q in the seating arrangement. The person working in Himanchal sits 3rd to the left of the person who works in Madhya Pradesh. Neither M nor T works in Gujrat and Telangana state. N is not sitting adjacent to the person who works in Uttar Pradesh. P is seated opposite to one who works in Himanchal. The house of the person who works in Punjab is 20m west of N's house and 5m north of the house of the one who is from Telangana. The house of the one from Madhya Pradesh is 20 m east of Q's house.

Q1. What is the shortest distance between the houses of Q and S?

- (a) $10\sqrt{5}$
- (b) $\sqrt{250}$
- (c) $5\sqrt{5}$
- (d) $15\sqrt{5}$
- (e) None of these

Q2. M's house is in which direction with respect to Q?

- (a) North
- (b) North-east
- (c) West
- (d) North west
- (e) South-east

Q3. What is the position (in the sitting arrangement) of the person who works in Madhya Pradesh with respect to the person who works in Gujrat?

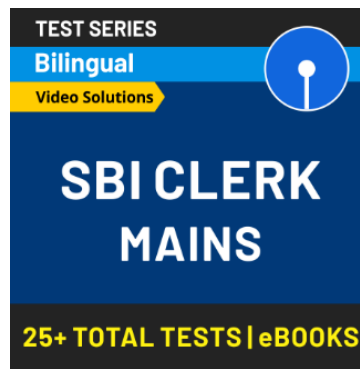
- (a) Second to the left
- (b) Immediate left
- (c) Second to the right
- (d) Third to the right
- (e) Immediate right

Q4. The person who works in Uttarakhand sits opposite to one who works in?

- (a) Gujrat
- (b) Uttar Pradesh
- (c) Telangana
- (d) Himanchal
- (e) Madhya Pradesh

Q5. Which of the following statement is true?

- (a) Q is seated opposite to O and works in Himanchal state.
- (b) R is seated opposite to P and works in Telangana state.
- (c) M is seated opposite to Q and works in Uttar Pradesh state.
- (d) P works in Punjab and seated opposite to the person who works in Himanchal state.
- (e) None of the above is true



Q6. **Statement:** Reinforcing its commitment to green initiatives, railways will explore its future course of action to prevent pollution. Issues related to environment like solid waste management, pollution control, water management and energy management will be discussed at a workshop on 'Environmental challenges before Indian Railways and solutions'.

Which of the following points will **strengthen** the decision taken by the Railways?

- I.** Introduction of bio-fuel and solar energy in train operation.
- II.** Installation of rain water harvesting facilities at major stations.
- III.** Waste water recycling plant is also being planned in which recycled water will be used for washing and horticulture purpose.
- IV.** Initiatives such as LED light fittings to reduce power consumption and use of five percent bio-diesel in diesel locos.
- V.** Introduction of water audit to assess consumption and wastage at major stations.

- (a) All of these
- (b) All except I
- (c) All except I and V
- (d) All except V
- (e) None of these

Q7. **Statement:** The government is set to overhaul annual targets for public sector lenders, ending a focus on size that has long encouraged banks to inflate their loans and deposits at

the year-end to hit growth objectives. Banking and government sources said that the new targets, to be discussed at meeting with top state bank officials, would focus on efficiency, with objectives set around return on assets, or return on equity, and controlling bad debts. Which of the following points can be **inferred** from the given information? (An inference is something that is not directly stated but can be inferred from the given information.)

- (a) Loans and deposits of the banks will go up.
- (b) Some short term loans will be discouraged by the banks.
- (c) Credit ratings of the banks will be boosted up.
- (d) Financial stability of the banks will be lost.
- (e) All can be inferred.

Direction (8-10): In the following questions, the symbols #, &, @ and \$ are used with the following meanings as illustrated below. Study the following information and answer the given questions:

Note: The directions which are given indicates exact directions.

A#B - A is in the south direction of B.

A@B - A is in the north direction of B.

A&B - A is in the east direction of B.

A\$B - A is in the west direction of B.

A£BC - A is the mid-point of BC vertically.

Point S is \$24m of point B. Point P is #5m of point S. Point K is @25m of point B. Point L is \$20m of point K. Point Q is #10m of point L. Point F is \$13m point Q. Point E is £SB. Point D is &16m of Point F.

Q8. What is the direction of point K with respect to S?

- (a) #&
- (b) @&
- (c) #&
- (d) @\$
- (e) None of these

Q9. What is the shortest distance and direction of point P with respect to E?

- (a) 13m, #&
- (b) 15m, @&
- (c) 20m, #@
- (d) 25m, \$&
- (e) None of these

Q10. What is the direction of point L with respect to B?

- (a) \$#
- (b) #@
- (c) @\$
- (d) &@
- (e) None of these

Directions (11-12): **In each question given below a statement is followed by three courses of action numbered I, II and III. A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to the problem, policy etc. on the basis of the information given in the statement. You have to assume everything in the statement to be true, then decide which of the three given/suggested courses of action logically follows for pursuing and decide the answer.**

Q11. **Statement:** Discount offers provided by organized retail chains are increasingly eating into the small retailers' pie, thus creating a problem for manufacturers in spite of the hype around the retail boom.

Courses of action:

- I. An effort should be made to dissuade customers from purchasing the products on discounts.
- II. All such manufacturers should stop supplying products to organised retail chain.
- III. Efforts should be made by the manufacturers for commercial dialogues with the retail chain.

- (a) Only I and II
- (b) Only III
- (c) Only I and III
- (d) All I, II and III
- (e) None of these

Q12. **Statement:** According to a report, 35-40 per cent of water supplied in city XYZ is lost due to transmission and distribution losses, pilferage and lack of accountability.

Courses of action:

- I. Efforts should be made to reduce such losses through proper check and balance system.
- II. Efforts should be made to procure sophisticated equipment for better leak detection and also a comprehensive programme be launched to repair and replace old and worn-out pipe lines.
- III. Disciplinary action should be taken against all those persons who are found guilty in pilfer aging of water.

- (a) Only I and II
- (b) Only II
- (c) Only I and III
- (d) All I, II and III
- (e) None of these

Q13. Which alphabet is 3rd from the left in the meaningful four-letter word formed from the first, second, seventh and eighth letter of the word **QUARANTINE**? If more than one word is formed, then mark answer as X and no meaningful word is formed then mark answer as Z.

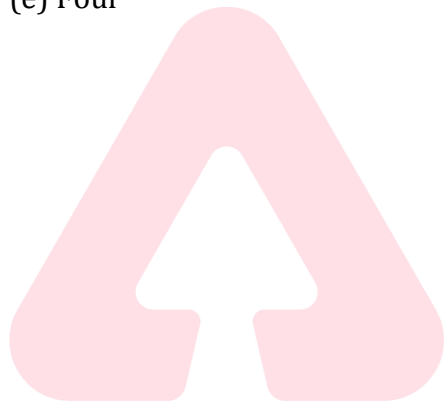
- (a) Q
- (b) X
- (c) I
- (d) T
- (e) U

Q14. If in the number **53964728**, 2 is added to each of the digit which is less than seven and 3 is subtracted from each of the digit which is greater than six then how many digits are repeating in the number thus formed?

- (a) two
- (b) one
- (c) none
- (d) three
- (e) four

Q15. If all the letters in the word **BIOMEDICAL** are arranged in alphabetical order from left to right in such a way that vowels are arranged first followed by consonants, then how many letters are there in between E and D after the arrangement?

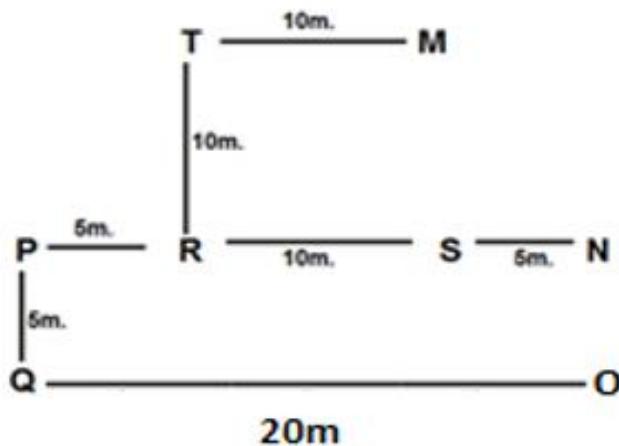
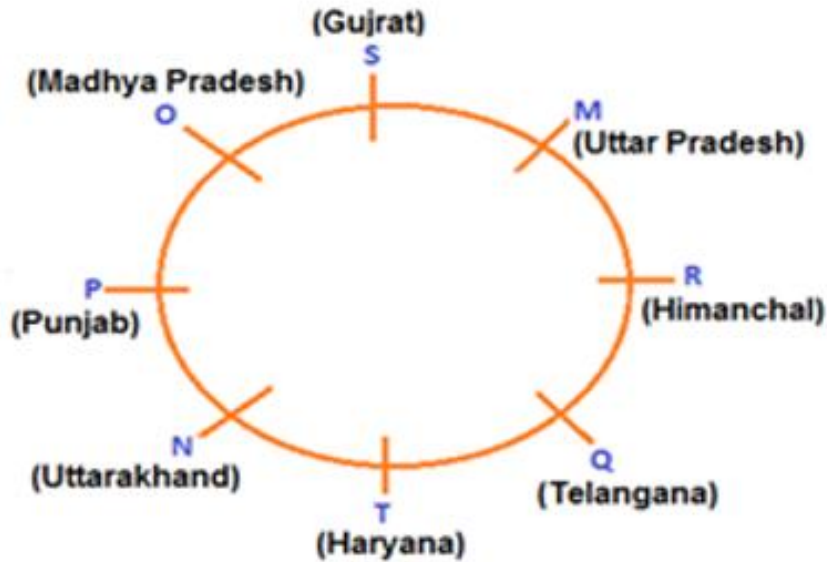
- (a) Two
- (b) One
- (c) Five
- (d) Three
- (e) Four



Solutions

Solutions (1-5):

Sol.



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247

S1. Ans.(b)

S2. Ans.(b)

S3. Ans.(e)

S4. Ans.(b)

S5. Ans.(d)

S6. Ans.(d)

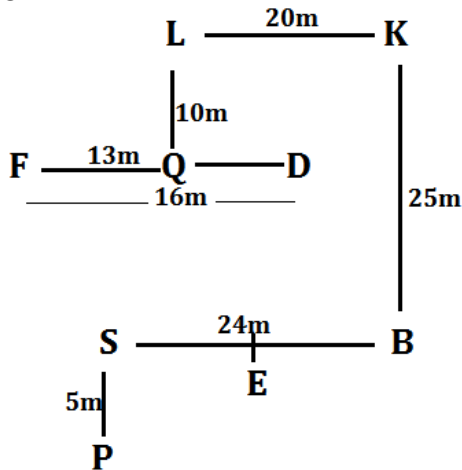
Sol. All the points in the options promote green initiatives except auditing of water consumption as it is an examination of system records and equipment that may be used to identify, quantify and verify how much water passes through the system and where it goes.

S7. Ans.(b)

Sol. 'Short-term loans' refer to the loans scheduled to be repaid in less than a year. When your business does not qualify for a line of credit from a bank, you might still have success in obtaining money from them in the form of a one-time, short-term loan (less than a year) to finance your temporary working capital needs.

Solutions (8-10):

Sol.



S8. Ans.(b)

S9. Ans.(a)

S10. Ans.(c)

Solutions (11-12):

S11. Ans.(b)

Sol. III is the right way to eliminate the problem because the move will compel the organized retailers to be involved in a dialogue to sort out the problem.

S12. Ans.(d)

S13. Ans.(c)

Sol. QUIT

S14. Ans.(d)

S15. Ans.(c)



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