

Quiz Date: 31<sup>st</sup> July 2020

**Directions (1-5): Read the following information carefully and answer the given questions.**

Eight persons P, Q, R, S, T, U, V and W sitting around a square table in such a way that four of them sit at four corners, who are facing towards center, and rest four who sits at the middle of the side, are facing outside the center. They were born on the same day of the same month but in different years. All their ages are to be considered from the base year i.e. 2018. P is 10 years old and sits at the corner. Only two persons sit between P and the one who was born in 1991. W sits second to the left of the one who is 27 years old. V is 8 years old and sits third to the right of R. R does not sits at the middle of the side. S sits third to the left of the one who is 18 years old. Age difference between T and the one who sits immediate left of P is 18 years. R is 9 years younger than S who was born in 1988. Q sits second to the right of the one who is 4 years old. S does not sit at the middle of the side.

Q1. Who sits exactly between the one who is 18 years old Q?

- (a) P
- (b) S
- (c) R
- (d) V
- (e) T

Q2. Four of the following five are alike in a certain way based on their seating positions in the above arrangement and so form a group. Who among the following does not belong to that group?

- (a) U
- (b) Q
- (c) The one who was born in 2010
- (d) The one who is 21 years old
- (e) W

Q3. What is the position of V with respect to T?

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

Q4. How many persons sit between S and the one who was born in 1997 when counted right from S?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

Q5. Who sits diagonally opposite to the one who is 10 years old?

- (a) The one who was born in 1991
- (b) T
- (c) The one who was born in 2010
- (d) R
- (e) S

**Directions (6-8):** In each of the questions given below some statements are followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**Q6. Statements:** Only a few green is blue.

No white is green.

Only a few pink is white.

**Conclusions:**

I. Some pink is green is a possibility.

II. All white is blue is a possibility.

- (a) Both I and II is true
- (b) Only I is true
- (c) Only II is true
- (d) Either I or II is true
- (e) Neither I nor II is true

**Q7. Statements:** Only a few summer is Ice cream.

All Ice cream is cold.

Only cold is freeze.

**Conclusions:**

I. Some Freeze is ice cream.

II. All cold is summer is a possibility.

- (a) Both I and II is true
- (b) Only I is true
- (c) Only II is true
- (d) Either I or II is true
- (e) Neither I nor II is true

**Q8. Statements:** All computer is laptop.

Some mobile is computer.

Only a few charger is laptop.

**Conclusions:**

I. All charger is computer is a possibility.

II. All mobile is charger is a possibility

- (a) Both I and II is true
- (b) Only I is true
- (c) Only II is true
- (d) Either I or II is true

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(e) Neither I nor II is true

Q9. How many meaningful four-letter words can be formed using 1<sup>st</sup>, 4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup> letter of the word 'CUCUMBER' using each letter only once?

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) None

Q10. If 1 is subtracted from each odd and 2 is subtracted from each even number in 9634882937, then how many digits will appear thrice in the new number thus formed?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

**Direction (11-15): 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.

P#Q - P is in the south direction of Q.

P@Q - P is in the north direction of Q.

P&Q - P is in the east direction of Q.

P\$Q - P is in the west direction of Q.

PEQS - P is the mid-point of QS vertically.

Point B is \$24m of point C. Point X£B. Point E is @23m of point F. Point B is #10m of point A. Point D is &12m of point E. Point H is @5m of point G. Point G is \$12m of point F. Point C is #15m of point D.

Q11. What is the shortest distance between point A to Point X?

- (a) 16m
- (b) 10m
- (c)  $2\sqrt{61}$ m
- (d)  $5\sqrt{13}$ m
- (e) None of these

Q12. What is the direction of point D with respect to point G?

- (a) North-East
- (b) South-West
- (c) North-West
- (d) East
- (e) None of these

Q13. If Point M is @10m of point C, then what is the shortest distance and direction of point M with respect to point E?

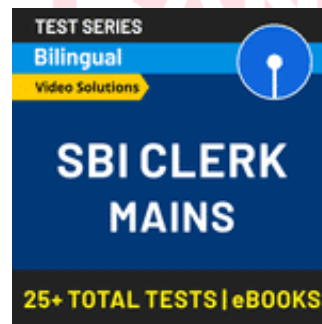
- (a) 13m, North-West
- (b) 15m, North
- (c) 10m, South-west
- (d) 13m, South-east
- (e) None of these

Q14. What is the direction of point F with respect to point C?

- (a) North-East
- (b) South-West
- (c) North-West
- (d) South
- (e) None of these

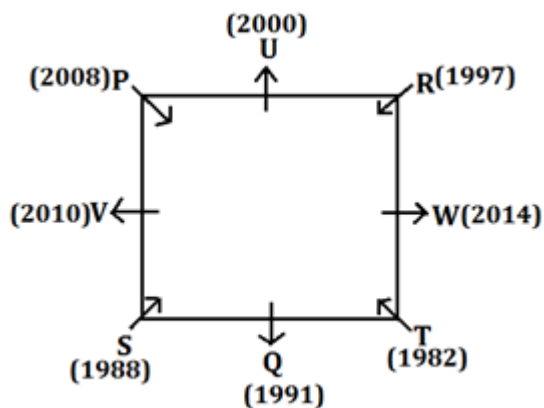
Q15. What is the direction and shortest distance of point A with respect to point G?

- (a) 18m, North
- (b) 15m, North-east
- (c) 13m, South
- (d) 19m, South-west
- (e) None of these



Solutions

**Solution(1-5):**

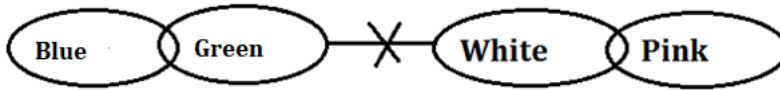


Sol.

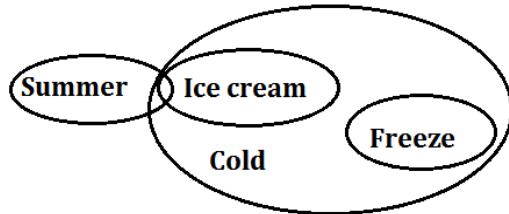
- S1. Ans.(d)
- S2. Ans.(d)
- S3. Ans.(a)
- S4. Ans.(d)
- S5. Ans.(b)

**Solutions (6-8):**

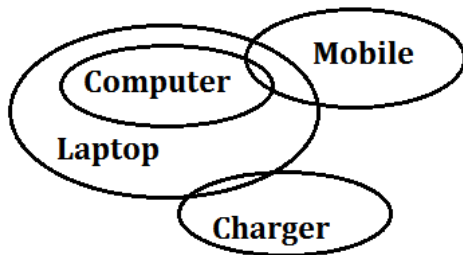
- S6. Ans.(a)
- Sol.



- S7. Ans.(e)
- Sol.



- S8. Ans.(c)
- Sol.



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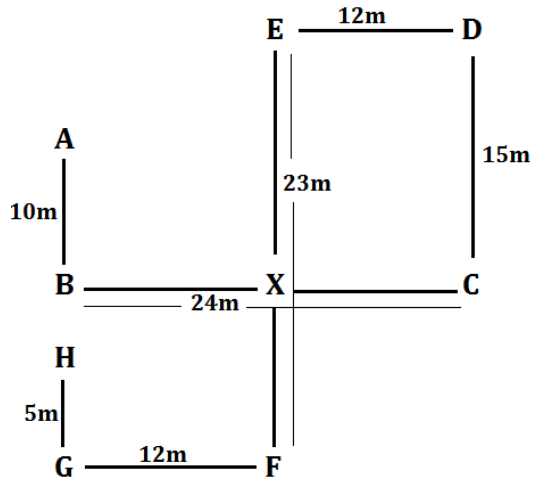
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- S9. Ans.(a)
- Sol. CURB

- S10. Ans.(c)
- Sol. Original Number- 9634882937
- Obtained Number- 8422660826

**Solutions (11-15):**

Sol.



- S11. Ans.(c)
- S12. Ans.(a)
- S13. Ans.(d)
- S14. Ans.(b)
- S15. Ans.(a)



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