

Quiz Date: 17<sup>th</sup> July 2020

Q1. A leaves his home and goes straight 20 meters, then turns right and goes 10 meters. He turns left and goes 30 meters and finally turns right and starts walking. If he is moving in the north direction, then in which direction did he start his walking?

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

Q2. Village B is situated to the north of village A, village C is situated to the east of village B, village D is situated to the left of village A, in which direction is village D situated with respect to village C?

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

Directions (3-5): Study the following information carefully and answer the given questions.

Point S is 40 m towards the North of Point P. Point Q is 15 m towards the West of point S. Point U is 25 m towards the West of point S. Point T is 20 m towards the South of point Q. Point R is 15 m towards the East of point T. Point V is 15 m towards the West of point P.

Q3. Which of the following points are in a straight line?

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

Q4. P is in which direction with respect to R?

- (a) South
- (b) North
- (c) East
- (d) West
- (e) Cannot be determined

Q5. If a person walks 10 m towards East from point U and then takes a right turn, which of the following points would he reach first?

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

(e) R

Direction (6-7): Study the following information carefully and answer the questions given below:  
From point A, Virat walks 10m towards east and reach at point P. Then, he turns towards left and walks 8m to reach point Q. Then, he turns to his right and walks 6m to reach point R. Finally, he turns towards south and walk 7m and reach at point D.

Q6. In which direction is point D with respect to A?

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

Q7. Which among the following is the distance between point P and R?

- (a) 6m
- (b) 7m
- (c) 8m
- (d) 9m
- (e) 10m

Direction (8-10): Read the information carefully and answer the questions given below:

Point R is 10 m to the south of T. Point U is 3 m to the east of R. Point V is 5 m to the south of U. Point W is 6 m to the west of V. Point S is 10 m to the north of W. Point Q is 6 m to the east of S. Point P is 5 m to the north of Q.

Q8. Which of the following represents the direction of point U with respect to point S?

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

Q9. How far and in which direction is point T from point P?

- (a) 5 metres south
- (b) 3 metres east
- (c)  $\sqrt{34}$  metres west
- (d) 3 metres west
- (e) 5 metres north

Q10. What is the shortest distance between point S and point R?

- (a)  $\sqrt{5}$ m
- (b)  $\sqrt{34}$ m
- (c) 16m
- (d)  $3\sqrt{5}$ m
- (e) 4m

Q11. A person started walking towards South from point X. After walking 48m he took a right turn and walked 7m. Then he took a right turn and walked 24m. Again he took a right turn and walked 14m and stopped at point Y. How far and in which direction was he from the starting point?

- (a) 50m North-east
- (b) 15m North
- (c) 25m South-east
- (d) 50m North
- (e) 10m South-east

Q12. House A is towards East of house M. House B is towards North of house A. House C is towards South of house B. Towards which direction is house C from house M?

- (a) East
- (b) South-east
- (c) North-east
- (d) Data inadequate
- (e) North

Q13. J runs 20 m towards East and turns to right and runs 10 m. Then he turns to the right and runs 9 m. Again, he turns to right and runs 5 m. After this he turns to left and runs 12 m and finally he turns to right and 6 m. Now, In which direction J is facing?

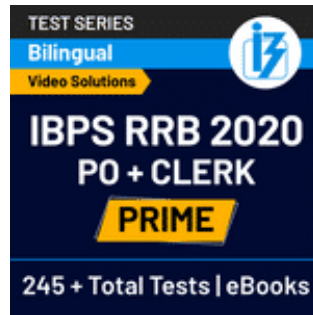
- (a) East
- (b) West
- (c) North
- (d) South
- (e) None of these.

Q14. L goes 6 km towards South-East from her office. Then she goes 15 km turning to West. After this she goes 6 km towards North-West and in the end, she goes 11 km towards East. How far is she from her office?

- (a) 10 km
- (b) 11 km
- (c) 4 km
- (d) 6 km
- (e) None of these.

Q15. A girl facing north rotates 100(degree) clockwise then 190(degree) anticlockwise. What is new direction of the girl?

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



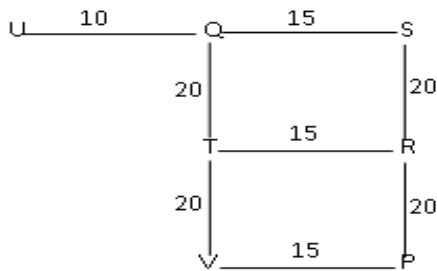
Solutions

S1. Ans. (b)

S2. Ans. (e)

Solution (3-5):

Sol.

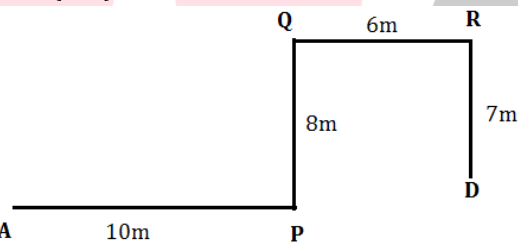


S3. Ans. (d)

S4. Ans. (a)

S5. Ans. (c)

Direction (6-7):



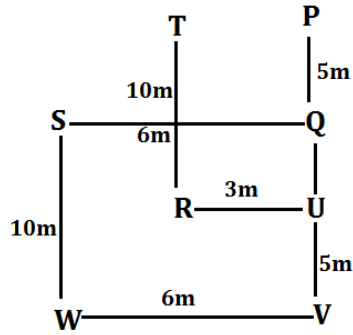
Sol.

S6. Ans. (d)

S7. Ans. (e)

Solution (8-10):





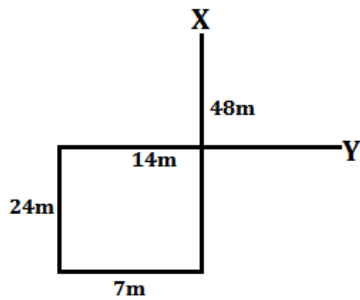
S8. Ans. (a)

S9. Ans. (d)

S10. Ans. (b)

S11. Ans. (c)

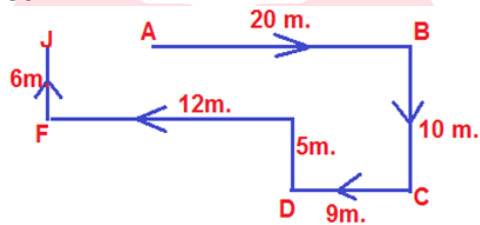
Sol.



S12. Ans. (d)

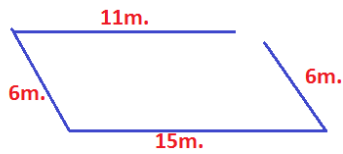
S13. Ans. (c)

Sol.



S14. Ans. (c)

Sol.



S15. Ans. (b)





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