

Quiz Date: 1st May 2020

Directions (1-3): Study the information carefully and answer the questions given below.

Aman starts walking towards north direction from point A. After walking 6km he reached point B then turns towards his right and walks 9km to reach point C. Then he turns towards his right and walks 6km to reach point D. Ronny starts walking from point E, which is mid-point of AB. He walks 5km towards east direction and reached point F. From there he turned towards his right and walks 7km and reached point G. From point G he turned towards his left and walk 4km to reach point H.

Q1. What is the distance between D and H?

- (a) 4km
- (b) 3km
- (c) 5km
- (d) 2km
- (e) 1km

Q2. In which direction point G with respect to A?

- (a) East
- (b) Northwest
- (c) West
- (d) Southeast
- (e) None of these

Q3. What is the shortest distance between C and F?

- (a) 1km
- (b) 3km
- (c) 5km
- (d) 6km
- (e) 1km

Directions (4-5): Study the information carefully and answer the questions given below.

Point P is 10m west of point Q. Point X is 8m east of point M. Point Z is 10m north of point M. Point X is 5m south of point Q. Point B is 3m east of point Z.

Q4. What is the shortest distance between point P to X?

- (a) 8m
- (b) $5\sqrt{5}$ m
- (c) 10m
- (d) $\sqrt{13}$ m
- (e) None of these

Q5. In which direction point M with respect to point B?

- (a) Southeast
- (b) Northeast
- (c) Southwest
- (d) Northwest
- (e) None of these

Direction (6-8): Study the information and answer the following questions:

A is 20m in north of D. C is 5m east of D. E is 10m north of C. F is 10m east of E. G is 15m south of F. X is 15m west of G. B is 10m to the east of A. Z is 10m to the south of B. L is 10m to east of C.

Q6. What is the direction of point A with respect to point G?

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

Q7. Four of the following are alike in a certain way so form a group, which of the following does not belong to that group?

- (a) EF
- (b) EC
- (c) LG
- (d) BZ
- (e) CL

Q8. What is distance between point F and L?

- (a) 10m
- (b) 5m
- (c) 15m
- (d) 20m
- (e) 25m

Directions (9-10): Study the following information to answer the given questions:

Given

A*B means B is 1m east to A

A@B means B is 1m west to A

A#B means B is 1m south to A

A%B means B is 1m north to A

A!B means B is 2m east to A

Q9. If $R @ P \# Q ! S * T$, is definitely true, then in which direction is S with respect to R?

- (a) south-east
- (b) south-west
- (c) north-east
- (d) north-west
- (e) none of these

Q10. If $D ! O \# R @ E \% M ! N$ definitely true, then in which direction is point E with respect to N?

- (a) south east
- (b) south west
- (c) north west
- (d) north east
- (e) none of these

Direction (11-13): Study the information carefully and answer the questions given below.

Adarsh start his journey from point P and walks 10m in north direction to reach point M. From point M, he takes a right turn and walks 5m to reach point Q. Now turning to his right he walks 6m to reach point E. From point E he takes a left turn and walks 8m to reach point G. From point G he takes a left turn and walks 6m to reach point O

Q11. What is the total distance between P and O?

- (a) 33m
- (b) 34m
- (c) 35m
- (d) 36m
- (e) 37m

Q12. In which direction point G with respect to Point M?

- (a) South
- (b) Northwest
- (c) Southwest
- (d) Southeast
- (e) East

Q13. What is the shortest distance between Q and G?

- (a) 10m
- (b) 9m
- (c) 12m
- (d) 15m
- (e) None of these

Directions (14-15): Read the given information carefully and answer the given question.

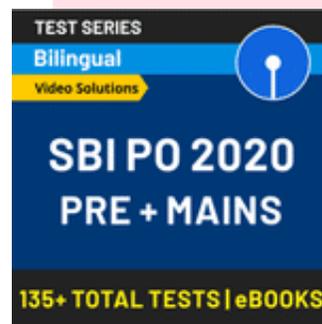
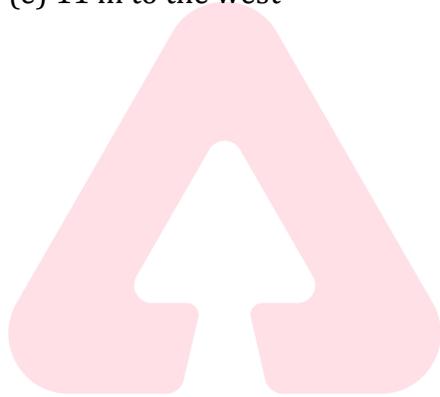
P is 9 m to the south of K. K is 5 m to the east of H. H is 4 m to the north of B. L is 3 m west of B. D is 7 m south of L. G is 8 m east of D.

Q14. If Point Z is 5 m to the west of point P, then what is the distance between B and Z?

- (a) 8 m
- (b) 9 m
- (c) 5 m
- (d) 2 m
- (e) 6 m

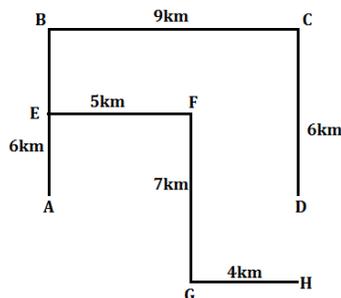
Q15. How far and in which direction is point K from Point G?

- (a) 11 m to the south
- (b) 7 m to the north
- (c) 11 m to the north
- (d) 7 m to the south
- (e) 11 m to the west



Solutions

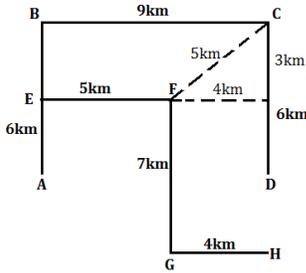
Solution (1-3)



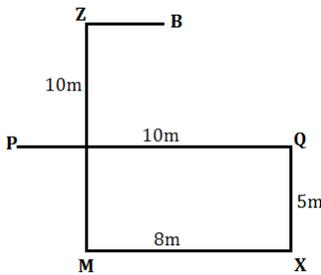
S1. Ans (a)

S2. Ans (d)

S3. Ans (c)



Solution (4-5):



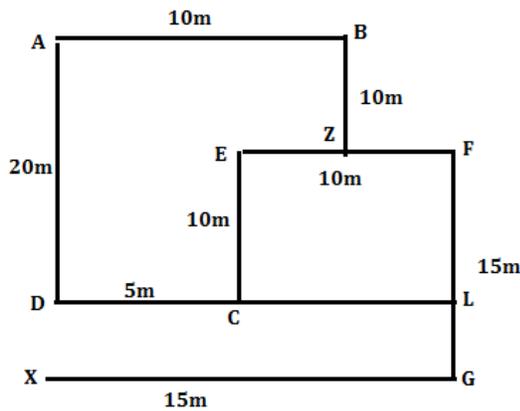
Sol.

S4. Ans.(b)

S5. Ans.(c)

Solutions (6-8):

Sol.



S6. Ans. (a)

S7. Ans. (c)

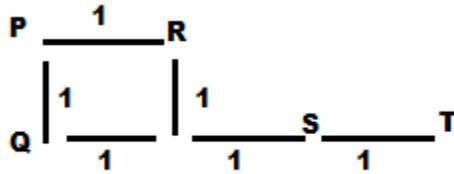
S8. Ans. (a)

Solutions (9-10):

S9. Ans (a)

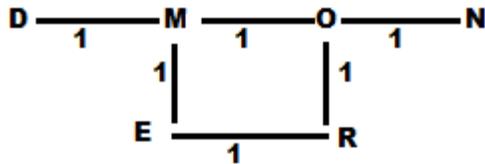
Sol.



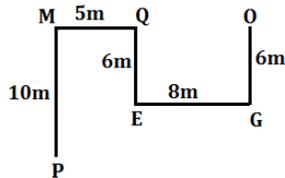


S10. Ans. (b)

Sol.



Solutions (11-13):

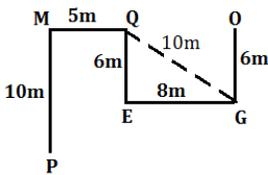


Sol.

S11. Ans(c)

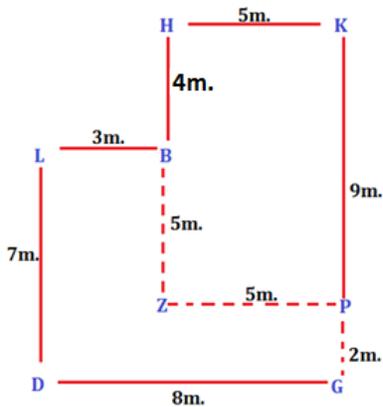
S12. Ans(d)

S13. Ans(a)



Sol.

Solutions (14-15):



S14. Ans.(c)



S15.Ans.(c)



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