REASONING QUIZ

Directions (1-3): Read the following information carefully to answer the given questions:

Harsh go for a morning walk, so he started from point A towards north and reached B after walking 10m. At B he turned towards his right and walked 6 meters to reach point C. From C he takes a left turn and walked 4 meters to reach D. From D he turned to his right and after walking 5 meters, he reached a point E. From E he turns towards his right and walked 14 m to reach point F. After walking 5 meters from F in his right, he finally reached his destination.

Q1. What is the shortest distance between Harsh final position and point C?

(a) 14m

(b) 8m

(c) 10 m

(d) 4m

(e) None of these

Q2. In which direction is point A with respect to Harsh's final position?

(a) North- East

(b) North- West

(c) South-West

(d) West

(e) None of these

Q3. What is the total distance travelled by Harsh?

(a) 41m

(b) 43 m

(c) More than 43 m

(d) 42 m

(e) 32 m

Direction (4-5): Read the following information carefully and answer the questions given below:

Raj starts walking towards east direction, after walking 15 km he turns towards north and walks 8km. Now he turns to the west and walks 18km. From there he turns to his left and walks 5 km. Now, again turns to his left and walks 3km. From there he turns to his right and walks 2km. Now he turns to his right and moves 8km and then turns to his right and walks 3km. Finally turns to his right and walks 4km and reached the final position.

Q4. What is the direction of Raj initial position with respect to his final position?

(a) North-west

(b) West

(c) North East

(d) South-east

(e) South-west

Q5. What is the total distance covered by Raj?

(a) 66km

(b) 65km

(c) 64km

(d) None-of-these

(e) 70km

Directions (6-10): Study the following information and answer the questions given below:

There are AB axis in such a way that A is in north and B is in south direction. There is XY axis in such a way that X is in west direction and Y is in east direction. AB axis and XY axis intersect at a point Q in such a way that AQ is 10m, QB is 15m, QX is 12m, QY is 18 m.

While facing towards south direction at point Q, Harsh takes right turn and walks 5m to reach point E and then he takes left turn and walks 15m and reached to point C. While facing towards north direction from point C, Rohit walks 5m and reached at point D and from there he takes right turn and walks 9m to reach point F and then finally takes a left turn and walks 13m to reach his destination G.

Q6. Point X is in which direction with respect to Harsh's final point?

(a) south

(b) south-east

(c) North-west

(d) west

(e) north-east

Q7. Point D is in which direction with respect to Rohit's starting position?

(a) north

(b) east

(c) north-east

(d) north-west

(e) south-west

Q8. What is the shortest distance between point G and point Q?

(a) 4m

(b) 3m

(c) 8m

(d) 10m

(e) 5m

Q9. Harsh starting position is in which direction with respect to Rohit's final position?

(a) southwest

(b) east

(c) north-east

(d) north-west

(e) south-east

Q10. What is the shortest distance between point A and point D?

(a) 4m

(b) 3m

(c) 8m

(d) 15m

(e) None of these

Direction (11-13): Read the information carefully and answer the question:

Naveen faces north at point X and started his journey from point X, he turns to his right and walks 8 km, then he turns to left and walks 6km to reach at point Y. From point Y, he turns to his left and walks 10km to reach at point Z.

Q11. What is the shortest distance between point Y and X and in which direction is point Y with respect to point X?

(a) 8km, north

(b) 10km, north east

(c) 10km, north west

(d) None-of-these

(e) 12km, south

Q12. What is the total distance covered by Naveen from point X to point Z?

(a) 22km

(b) 21km

(c) 20km

(d) None-of-these

(e) 34km

Q13. In which direction is point Z with respect to point X?

(a) north

(b) north west

(c) north east

(d) None-of-these

(e) south

Direction (14-15): Study the given information and answer the following question.

A person starts walking in north direction from point X, after walking 5m he takes left turn and walks some distance to reach at point Y. After that he takes 45 degree right turn and walks 13m to reach at point M. Point N is 5m west of point Y. M and N are in a straight line.

Q14. What is the shortest distance between point X and point Y?

(a) 25m

(b) 15m

(c) 20m

(d) 12m

(e) CND

Q15. In which direction is point X with respect to M?

(a) North-east

(b) North

(c) South-west

(d) South-east

(e) None of these

ANSWERS

1. C

2. D

3. C

4. D

5. A

6. C

7. A

8. E

9. A

10. E

11. B

12. D

13. B

14. E

15. D