Quiz Date: 24 ${ }^{\text {th }}$ July 2020

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

A person starts walking in north direction from point P , after walking 15 m he reached at point $A$, then he takes right turn and walks 7 m to reach at point Q . After that he walks in south direction and walks 10 m to reach at point $M$. Point $B$ is 5 m east of point $M$. Point $R$ is 22 m north of $B$. Point $C$ is 10 m west of $R$.

Q1. What is the direction of R with respect to person's initial position?
(a) North
(b) West
(c) South-West
(d) North-East
(e) None of these

Q2. What is the shortest distance between Q and R ?
(a) 13 m
(b) 25
(c) 20 m
(d) 17 m
(e) 22 m

Q3. What is the direction of P with respect to B ?
(a) South-East
(b) North-West
(c) South-West
(d) East
(e) None of these


## Directions (4-5): Study the following information carefully and answer the questions which follow:

A person starts walking from point $P$ in south direction and walks 10ma and reached at point $Q$. From point $Q$ he takes two consecutive right turn and walks 12 m and 8 m respectively. Now he takes left turn and walks 5 m to reach at point $R$, and then finally takes a left turn and walks 16 m to reach at point S .

Q4. What is the direction of point $P$ with respect to final point?
(a) North-east
(b) South-west
(c) North-west
(d) East
(e) None of these

Q5. If 0 is the midpoint of R and S , then what is the direction of Q with respect to 0 ?
(a) West
(b) North
(c) North-east
(d) East
(e) None of these

## Directions (6-8): Study the information carefully and answer the questions given below.

Point $P$ is 15 m west of point $Q$. Point $R$ is 5 m east of point $S$. Point $U$ is 10 m north of point $V$. Point $Q$ is 10 m north of point R. Point $U$ is 10 m east of point $T$, which is 5 m north of $S$.

Q6. What is the shortest distance between point $P$ and Point V?
(a) 24 m
(b) 25 m
(c) $\sqrt{624} \mathrm{~m}$
(d) 20 m
(e) None of these

Q7. In which direction point $U$ with respect to point $P$ ?
(a) North-east
(b) North
(c) South-east
(d)South-west
(e) None of these

Q8. In which direction point Q with respect to point $V$ ?
(a) North
(b) North-east
(c) North-west

(d)South-east
(e) None of these

Q9. Meena faces west and walks 2 km to reach P , then turn left walks 5 km . After this, she turns right and walks 5 km again. Now, she turns again towards right and walks 4 km , then turn right and walks 5km. Now what is the shortest distance between Point $P$ and Final position and in which direction she is with respect to $P$ ?
(a) 1 km , North
(b) 2 km , North east
(c) 1 km , South
(d) 2 km , South west
(e) None of these

## Direction (10-11): Read the information carefully and answer the question:

Rohit start walking from point $U$, he walks 10 m in the west direction and reached at V , after that he turns his right and walks 15 m to reach at point Z . From point Z , he turns to his right
and walks 8 m to reach at point F . Now, he start walks 18 m in south direction and reached at point X .

Q10. If point $M$ is 2 m west of point $U$, then what is the shortest distance between point $Z$ and M ?
(a) 17 m
(b) 19 m
(c) 16 m
(d) 18 m
(e) None-of-these

Q11. In which direction point $F$ with respect to point $U$ ?
(a) North-west
(b) North
(c) South
(d) West
(e) North east

## Direction (12-13): Read the information carefully and answer the questions given below:

Point $B$ is south of point $C$ which is 5 m west of point $G$. Point $E$ is 3 m south of point $B$. Point $C$ is 13 m north-east of point A. Point $F$ is 5 m east of point $E$. Point $A$ is 12 m west of point $B$.

Q12. Point C is in which direction with respect to point F ?
(a) North
(b) South-West
(c) North-east
(d) North-west
(e) None of these


Q13. What is the shortest distance between point $C$ and $B$ ?
(a) 4 m
(b) 6 m
(c) 5 m
(d) 10 m
(e) None of these

## Directions (14-15): Study the information given below carefully and answer the

 questions that follow:Point C is 2 m north of Point B. Point A is 1 m east of B and Point H is 2 m south of A. Point G is 1 m west of point H while Point D is 3 m east of point G and Point F is 2 m north of point D. Point E is just in middle of point H and point D .

Q14. If Point K is 2 m north of point F , then what is the shortest distance between point G to point K?
(a) 8 m
(b) 7 m
(c) 10 m
(d) 5 m
(e) None of these

Q15. In which direction is point $C$ with respect to $D$ ?
(a) North-East
(b) North-West
(c) South-East
(d) West
(e) None of these


Solutions


S1. Ans.(d)
S2. Ans.(a)
S3. Ans.(c)
Solution (4-5):
Sol.


S4. Ans.(a)
S5. Ans.(d)

Solutions (6-8):
Sol.


S6.Ans(b)
S7.Ans(c)
S8.Ans(c)
S9.Ans.(c)
Sol.


Solution (10-11):
Sol.

Sol.


S10.Ans(a)
S11.Ans(a)
Solution (12-13):
Sol.


S12. Ans.(d)
S13. Ans.(c)
Solution (14-15):
Sol.


S14. Ans.(d)
S15. Ans.(b)


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