Quiz Date: $10^{\text {th }}$ August 2020
Q1. A person starts walking towards point $Y$ which in North direction of starting point. From point $Y$, he start walking in west direction then he takes right turn to reach at point W . From point W , he takes a right turn and stop at point J. Find in which direction person is facing now?
(a) North
(b) South
(c) East
(d) West
(e) None of these

Q2. Point H is 5 m west of J. Point J is 10 m south of point T. Point T is 12 m west of G. Point G is 6 m north of Point D. Point D is 15 m east of Point Y. What is the shortest distance between Point J and Point Y?
(a) 10 m
(b) 4 m
(c) 9 m
(d) 7 m
(e) None of these

## Directions (3-7): Study the information carefully and answer the questions given below.

Amit starts his journey from point $S$, walks 20 m towards west to reach at point $D$, then takes a left turn and walks for 8 m to reach point N . From point N he takes a left turn and walks for 18 m to reach at point X. From point X, he takes a left turn and walks 12 m to reach at point $Y$, then takes a right turn and walks 6 m to reach point T. From point T, He walks 4 m in south direction and reached point $M$.

Q3. What is the shortest distance between point $S$ and $M$ ?
(a) 4 m
(b) 6 m
(c) 2 m
(d) 5 m
(e) None of these

Q4. If point $H$ is 6 m west of point M then in which direction point Y with respect to point H ?
(a) South
(b) North-west
(c) South-east
(d) East
(e) North

Q5. In which direction point T with respect of D ?
(a) North
(b) South-west
(c) North-east
(d) East
(e) South-east

Q6. What is the shortest distance between Point D and Point X?
(a) $\sqrt{388 \mathrm{~m}}$
(b) 10 m
(c) 15 m
(d) 20 m
(e) None of these

Q7. In which direction point N is with respect of Y ?
(a) North-east
(b) South-west
(c) North-west
(d) south
(e) None of these

Directions (8-10): Study the information carefully and answer the questions given below.
Point $A$ is 12 m west of point $B$. Point $F$ is 8 m east of point D . Point G is 10 m north of point E . Point $C$ is 8 m south of point $B$. Point $D$ is 3 m north of point $C$. Point $E$ is 6 m west of point $C$.

Q8. What is the shortest distance between D and A?
(a) 13 m
(b) 10 m
(c) 12 m
(d) 14 m
(e) None of these


Q9. Point $D$ is in which direction with respect to G ?
(a) North-East
(b) South-west
(c) East
(d) North
(e) South-east

Q10. If Point $Y$ is 7 m south of point $G$ than what is the shortest distance between Point $Y$ and Point F?
(a) 16 m
(b) 14 m
(c) 13 m
(d) 10 m
(e) None of these

Directions (11-13): Study the information carefully and answer the questions given below.
Dheeraj starts his journey from point S, walks 10 m towards North to reach at point D, then takes a right turn and walks 6 m to reach point F . From point F, He start walking in west direction and walk 4 m to reach at point N , From point N he takes a left turn and walks 9 m to reach at point $M$, then takes a left turn again and walks 4 m to reach point $T$.

Q11. What is the shortest distance between point T and F?
(a) 6 m
(b) 5 m
(c) 8 m
(d) 9 m
(e) None of these

Q12. In which direction point N with respect to T ?
(a) North
(b) North east
(c) South east
(d) North west
(e) Can't be determined

Q13. If point K is 2 m north of point S and the shortest distance between point K and F is 10 m then, what is the distance between point D and K ?
(a) 6 m
(b) 8 m
(c) 3 m
(d) 10 m
(e) None of these


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

A person starts walking from point X to the east direction, after walking of 5 km to reach point $P$ from there he turns towards left and then walk 4 km to reach point Q . Then turn to his right and walk 5 km to reach point R then turn to his right and walk 4 km to reach point $S$ then move towards his left and walk 3 km to reach point $T$ then again turn right and walk 3 km to reach point U finally turn to his right and walk 8 km to reach point Y .

Q14. How far (Shortest Distance) and which direction is point X with respect to point Y ?
(a) $\sqrt{30} \mathrm{~km}$ North
(b) 34 km North-East
(c) $2 \sqrt{34} \mathrm{~km}$ South-West
(d) $\sqrt{34} \mathrm{~km}$ North-West
(e) None of these.

Q15. In which direction is point $T$ with respect to point Y ?
(a) North east
(b) South east
(c) North
(d) West
(e) South west


## Solution (3-7):

Sol.


S3. Ans(a)
S4. Ans(e)
S5. Ans(c)
S6. Ans(a)
S7. Ans(b)
Solution(8-10):

Sol.


S8.Ans(a)
S9.Ans(e)
S10.Ans(b)
Solutions (11-13):
Sol.


S11.Ans.(d)
S12.Ans(d)
S13. Ans.(b)
Solutions (14-15):
Sol.


S14. Ans.(d)
S15. Ans.(a)


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