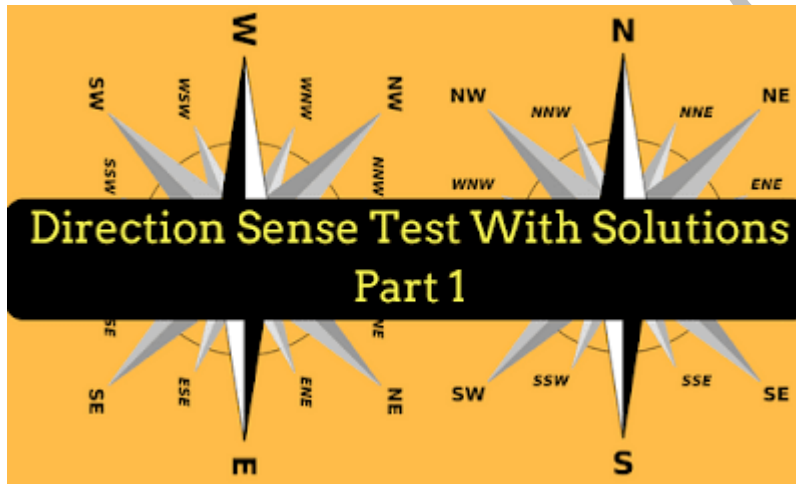


B 30- Direction Sense



Directions: (Q1- Q3):

There are 8 people standing randomly. B is 4m to the east of A. C is 5m to the north of B. Distance between C and D is 10m. D is to the east of C. E is 10 m to the South of D. H is 5m to the west of G. E is 6m to the east of F. F is 1m to the south of G.

Q.1

What is the shortest distance between A and H?

- A. 6m
- B. 4m
- C. 5m
- D. 3m
- E. None of these

Q.2

In which direction is H with respect to E?

- A. West-North
- B. East-North
- C. East-South
- D. West-South
- E. None of these

Q.3

What is the longest distance between C and F?

- A. 20
- B. 24
- C. 26
- D. 30
- E. None of these

Q.4

A person starts walking in east direction and takes turn of 45 degree clockwise and then a 90 degree shift in anti-clockwise direction and finally a 135 degree shift clockwise direction. Now in which direction he is facing?

- A. East
- B. South-East
- C. South
- D. North
- E. North-West

Q.5

V walked 20 meters towards south, took a left turn and walked 30 meters, again he took a left turn and walked 20 meters. How far is he from the starting point?

- A. 20
- B. 30
- C. 50
- D. 40
- E. None of these

Answers with Solution

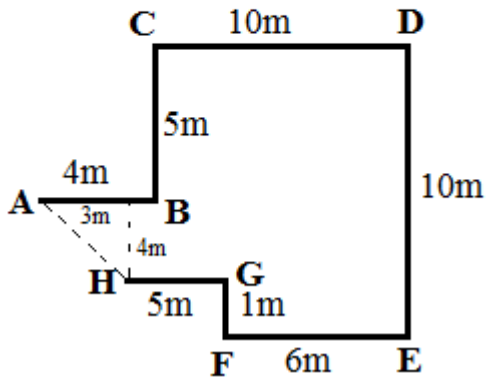
1. Ans: C

$$(AH)^2 = 3^2 + 4^2$$

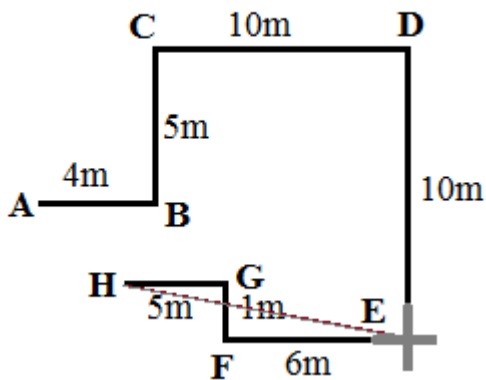
$$(AH)^2 = 9 + 16$$

$$(AH)^2 = 25$$

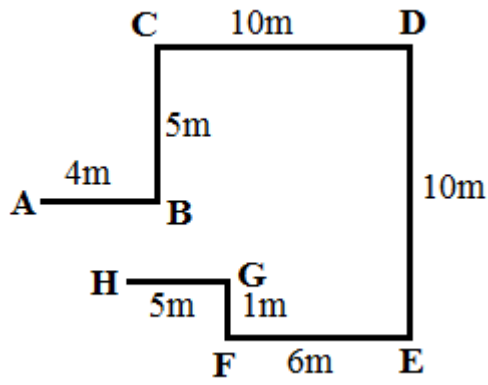
$$AH = 5\text{m}$$



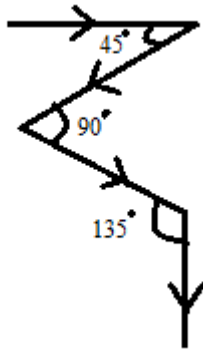
2. Ans: A



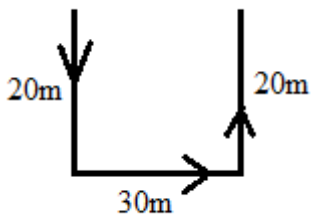
3. Ans: C



4. Ans: C



5. Ans: B





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