



Distance and Direction Questions for IBPS- SO set-2 PDF

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Instructions

Study the following information carefully and answer the questions given below.

R is 15m west of Q. J is 6m north of Q. W is 2m west of J. L is 10m south of W. K is 6m west of L.

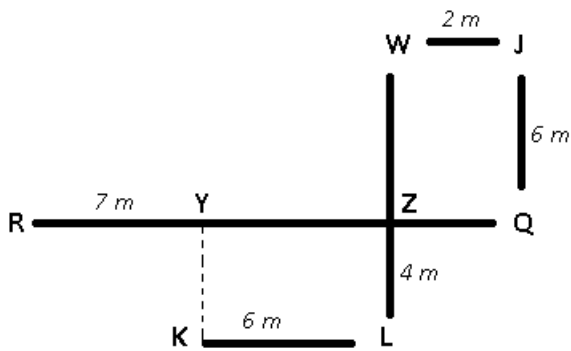
Question 1

If F is 4m to the south of R and V is 2m east of K, how far is Point F from Point V?

- A 8m
- B 10 m
- C 5m
- D 9m
- E 4m

Answer: D

Explanation:



L is 10 m south of W, $\Rightarrow WZ = 6m$ and $ZL = 4 m$

Similarly, Since, $KL = 6 m$, $\Rightarrow RY = 7 m$

and $WJ = ZQ = 2 m$

If F is 4 m to the south of R, $\Rightarrow F$ is 7 m to the west of K.

and V is 2 m to the east of K.

\Rightarrow Distance between V and K = $7 + 2 = 9 m$

\Rightarrow Ans - (D)

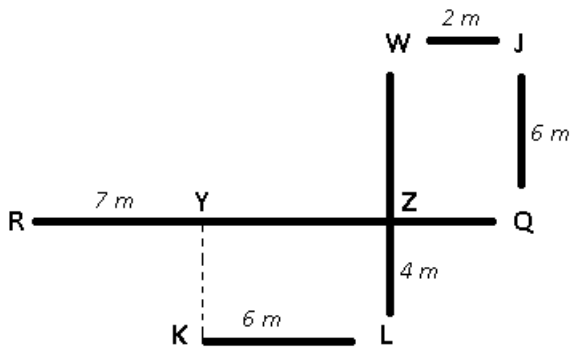
Question 2

Kabir walks 10m towards south from Point J, takes a right turn and walks for 3m. How far will he be from Point K?

- A 4 m
- B 10 m
- C 5 m
- D 6 m
- E 9 m

Answer: C

Explanation:



L is 10 m south of W, $\Rightarrow WZ = 6m$ and $ZL = 4 m$

Similarly, Since, $KL = 6 m$, $\Rightarrow RY = 7 m$

and $WJ = ZQ = 2 m$

Kabir walks 10 m south of J, \Rightarrow he is 2 m to the east of L.

Then he takes right turn and walks 3 m, \Rightarrow he is 1 m to the west of L.

Distance between Kabir and point K = $6 - 1 = 5 m$

\Rightarrow Ans - (C)

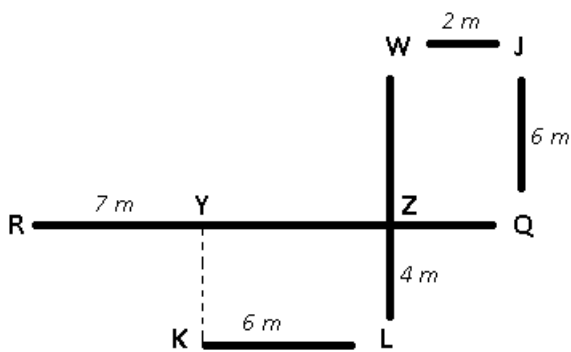
Question 3

In which direction is R with respect to J?

- A West
- B South east
- C North east
- D North
- E South west

Answer: E

Explanation:



L is 10 m south of W, $\Rightarrow WZ = 6m$ and $ZL = 4 m$

Similarly, Since, $KL = 6 m$, $\Rightarrow RY = 7 m$

and $WJ = ZQ = 2 m$

Clearly, R is in south west direction with respect to J.

\Rightarrow Ans - (E)

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Instructions

Study the following information carefully and answer the questions given below :

S is 11m east of N. N is 8m North of P. P is 4m west of O. Point O is the midpoint of Points P and R, such that P, O and R form a straight line. Q is 13m south of R.

Question 4

If L is 8m east of R and M is 7m south of L, then what is the distance between M and Q?

- A 6m
- B 10m
- C 7m
- D 5m
- E 3m

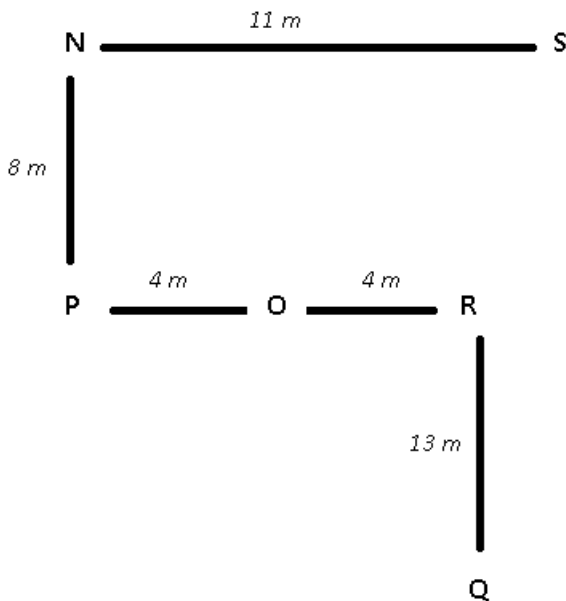
Answer: B

Explanation:

P is 4m west of O and Point O is the midpoint of Points P and R, => R is 4 m east of point O.

S is 11m east of N and N is 8m North of P.

Also, Q is 13m south of R.



If L is 8m east of R and M is 7m south of S, => vertical distance between M and Q = 13 - 7 = 6 m

Horizontal distance between M and Q = 8 m

$$\Rightarrow \text{Distance between M and Q} = \sqrt{(8)^2 + (6)^2} = \sqrt{64 + 36}$$

$$= \sqrt{100} = 10 \text{ m}$$

=> Ans - (B)

Question 5

In which direction is N with respect to Q?

- A North-West

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

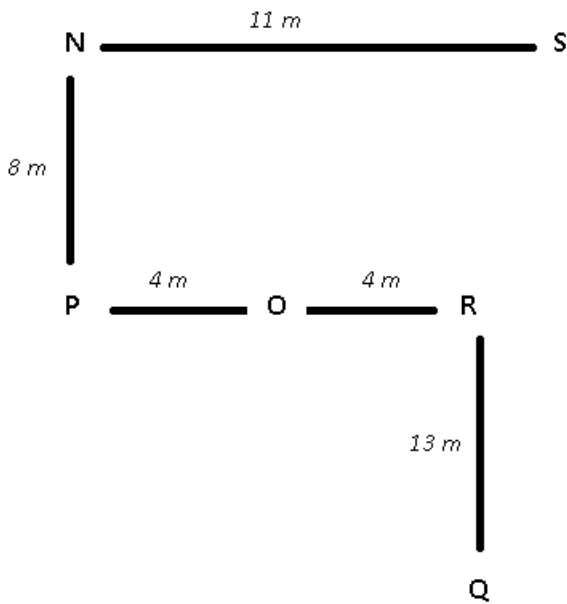
Answer: A

Explanation:

P is 4m west of O and Point O is the midpoint of Points P and R, => R is 4 m east of point O.

S is 11m east of N and N is 8m North of P.

Also, Q is 13m south of R.



N is in the north-west direction from Q.

=> Ans - (A)

Question 6

Hiten walks 2m towards north from Point P, takes a right turn and walks for 8m. How far will he be from Point Q?

- A 13m
- B 7m
- C 17m
- D 8m
- E 15m

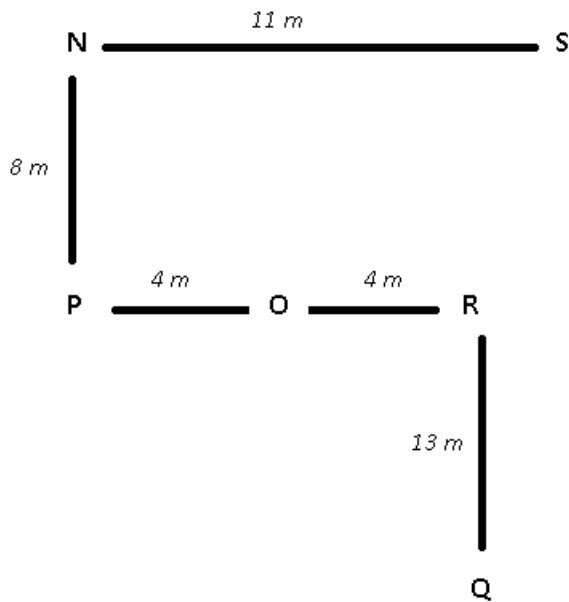
Answer: E

Explanation:

P is 4m west of O and Point O is the midpoint of Points P and R, => R is 4 m east of point O.

S is 11m east of N and N is 8m North of P.

Also, Q is 13m south of R.



Hiten walks 2 m towards north from P and then after a right turn and walks 8 m, => Hiten is now 2 m of the north of point R.

Distance from Q = $2 + 13 = 15$ m

=> Ans - (E)

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Instructions

Read the following information carefully and answer the questions given below :

Point B is 4 metres towards the North of point A.

Point E is 8 metres towards the East of point B.

Point C is 5 metres towards the East of point A.

Point D is 9 metres towards the West of point C.

Question 7

How far should one walk from point A in order to reach point D?

- A 4 metres
- B 9 metres
- C 5 metres
- D 14 metres
- E 8 metres

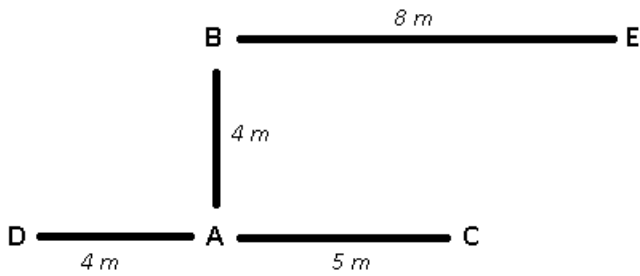
Answer: A

Explanation:

Point B is 4 m towards the North of point A and point C is 5 m towards the East of point A.

Point E is 8 m towards the East of point B.

Point D is 9 m towards the West of point C, => D is 4 m west of point A.



Point D is 4 m to the west of point A.

=> Ans - (A)

Question 8

If a person walks 4 metres towards the South from point E and then walks after taking a right turn, which of the following points would he reach first?

- A A
- B B
- C C
- D D
- E None of these

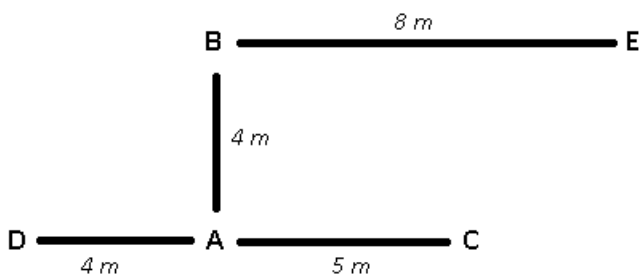
Answer: C

Explanation:

Point B is 4 m towards the North of point A and point C is 5 m towards the East of point A.

Point E is 8 m towards the East of point B.

Point D is 9 m towards the West of point C, => D is 4 m west of point A.



If a person walks 4 m south of point E, he will reach 3 m to the east of C, thus, after taking right right he will first reach point C.

=> Ans - (C)

Instructions

Study the given information carefully to answer the given questions.

Point Q is 12 m to the east of Point P. Point T is 18 m to the south of Point Q. Sneha who is standing at Point T, walks 4m* towards east, takes a left turn and walks 18m. She takes a right turn, walks for 3m and stops at Point V.

Question 9

In which direction is Point T with respect to Point V ?

- A North-west
- B East
- C West

- D North
- E South-west

Answer: E

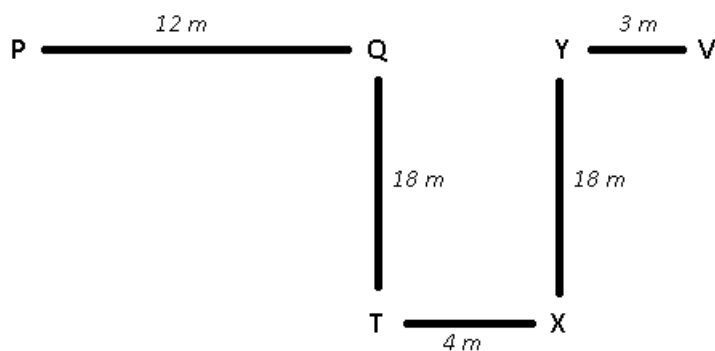
Explanation:

Point Q is 12 m to the east of Point P and Point T is 18 m to the south of Point Q.

Sneha walks 4 m towards east from point T, let she stops at point X

She takes a left turn from X and walks 18 m i.e., towards north, let she stops at point Y.

Finally, she walks 3 m towards east and reaches point V.



Clearly, point T is south west from point V.

=> Ans - (E)

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Question 10

How far and in which direction is Point Q with respect to Point V ?

- A 7m towards west
- B 16m towards east
- C 9m towards east
- D 15m towards east
- E 19 towards west

Answer: A

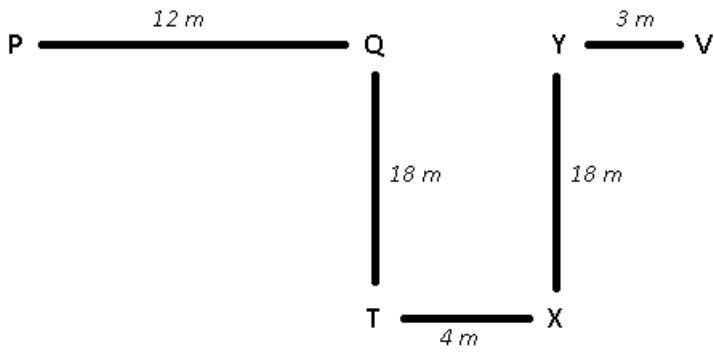
Explanation:

Point Q is 12 m to the east of Point P and Point T is 18 m to the south of Point Q.

Sneha walks 4 m towards east from point T, let she stops at point X

She takes a left turn from X and walks 18 m i.e., towards north, let she stops at point Y.

Finally, she walks 3 m towards east and reaches point V.



Point Q is $(4 + 3) = 7$ m to the west of point V.

=> Ans - (A)

Instructions

Study the following information carefully and answer the questions given below.

P is to the North of Q and S is to the East of P, who is to the South of W. T is to the West of P.

Question 11

Who among the following is towards South of W and North of Q?

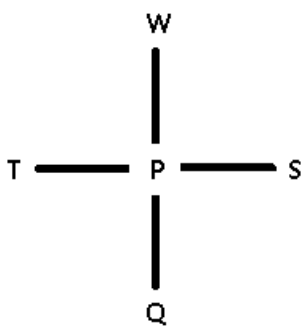
- A P
- B T
- C S
- D Q
- E None of these

Answer: A

Explanation:

P is to the North of Q and S is to the East of P.

P is to the South of W and T is to the West of P.



P is to the south of W and to the north of Q.

=> Ans - (A)

Question 12

W is in which direction with respect to T ?

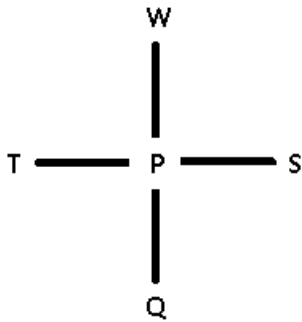
- A North
- B North-East
- C South-West

- D West
- E None of these

Answer: B

Explanation:

P is to the North of Q and S is to the East of P.
 P is to the South of W and T is to the West of P.



W is in north-east direction with respect to T.

=> Ans - (B)

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Instructions

Study the following information carefully and answer the given questions. Point D is 14 m towards the West of Point A. Point B is 4 m towards the South of point D. Point F is 9 m towards the South of point D. Point E is 7 m towards the East of point B. Point C is 4 m towards the North of point E. Point G is 4 m towards the South of point A.

Question 13

Which of the following points are in a straight line ?

- A C, E, A
- B E, G, C
- C D, B, G
- D E, G, B
- E F, B, C

Answer: D

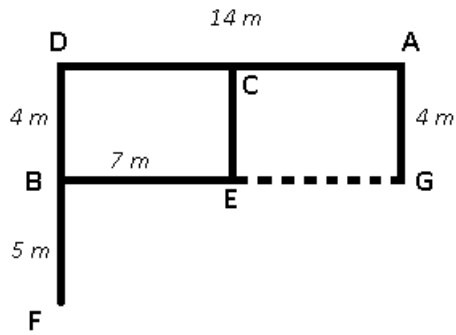
Explanation:

Point D is 14 m towards the West of Point A and point B is 4 m towards the South of point D.

Point F is 9 m towards the South of point D, => Point F is 5 m towards south of point B.

Point E is 7 m towards the East of point B and point C is 4 m towards the North of point E, => Point E is exactly in the middle of D and A.

Point G is 4 m towards the South of point A, => Point G is 7 m towards east of point E.



Clearly, BEG are in a straight line.

=> Ans - (D)

Question 14

A is in which direction with respect to C ?

- A East
- B West
- C North
- D South
- E Cannot be determined

Answer: A

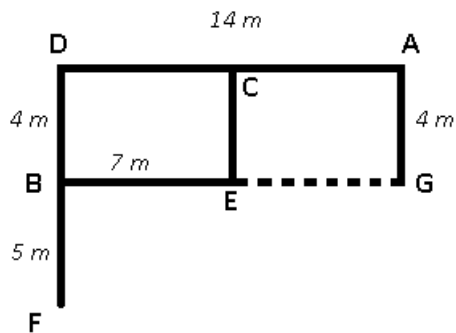
Explanation:

Point D is 14 m towards the West of Point A and point B is 4 m towards the South of point D.

Point F is 9 m towards the South of point D, => Point F is 5 m towards south of point B.

Point E is 7 m towards the East of point B and point C is 4 m towards the North of point E, => Point E is exactly in the middle of D and A.

Point G is 4 m towards the South of point A, => Point G is 7 m towards east of point E.



A is in east direction with respect to point C.

=> Ans - (A)

Question 15

If a person walks 5 m towards North from point F and then takes a right turn, which of the following points would he reach first ?

- A G
- B D
- C E
- D A

E C

Answer: C

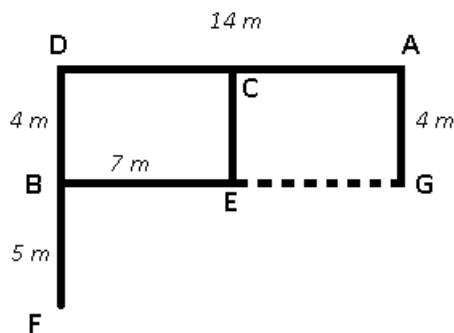
Explanation:

Point D is 14 m towards the West of Point A and point B is 4 m towards the South of point D.

Point F is 9 m towards the South of point D, => Point F is 5 m towards south of point B.

Point E is 7 m towards the East of point B and point C is 4 m towards the North of point E, => Point E is exactly in the middle of D and A.

Point G is 4 m towards the South of point A, => Point G is 7 m towards east of point E.



If a person walks 5 m towards north from point F, he will reach point B. After taking a right turn from B, the first point he would reach = Point E.

=> Ans - (C)

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