

# Direction Sense Questions for SBI Clerk Mains, IBPS Clerk Mains, RBI Assistant Mains, LIC AAO, SBI PO Pre, IBPS PO Pre and RRB Scale I Pre Exams. 

## Direction Sense Quiz 23

Directions: Read the given information carefully and answer the questions given beside (A set of 3 questions)

Point $G$ is 30 m to the east of point $B$, which is 20 m to the north of point $A$. Point $F$ is 16 m to the west of point E . Point H is 12 m to the south of point $F$. Point E is 10 m to the south of point G . Point C is 13 m to the east of point $F$.

1. If point $X$ is exactly between $B$ and $A$ then $F$ is how far and in which direction from point $X$ ?
A. 15 m , West
B. 14 m , East
C. 12 m , West
D. 13 m , East
E. None of these
2. If point $Y$ is $6 m$ south of point $G$ then find the shortest distance between point $C$ and point $Y$ ?
A. 6 m
B. 7 m
C. 5 m
D. 4 m
E. Either 5 m or 7 m
3. If point $X$ is exactly in the middle of points $B$ and $A$ then find the distance between point $C$ and point $X$ ?
A. 30 m
B. 27 m
C. 25 m
D. 22 m
E. None of these

Directions: Read the given information carefully and answer the questions given beside (A set of 3 questions)
Point $A$ is 10 m to the south of Point $B$, which is 8 m to the west of Point C. Point D is 14 m to the north of Point C. Point $E$ is 4 m to the east of Point $F$, which is 5 m to the south of Point $D$. Point $E$ is 8 m to the west of Point G. Point H is 19 m to the south of Point G. Point H is 12 m to the east of Point I.
4. Find the shortest distance between Points D and G?
A. 10 m
B. 13 m
C. 12 m
D. 20 m
E. None of these
5. Find H is how much far and in which direction from A ?
A. 12 m , North-east
B. 15 m , North-east
C. 15 m , east
D. 20 m , east
E. Can't be determined
6. Point $B$ is in which direction from Point $E$ ?
A. North-east
B. South-east
C. South-west
D. South
E. None of these

Directions: Read the given information carefully and answer the questions given beside (A set of 3 questions)

Below image shows a square garden where each dot represents one of the persons among Annie, Bony, Charlie, Danny and Emy. Charlie is in the south-east of Danny. Bony is in the east of Annie. Emy and Danny stand in a straight line.


Note- The given numbers are in meters. The four corners of the park are marked as A, B, C, D.
7. If Bony is in the south of Danny, then who among the following is towards the northwest of Bony?
A. Emy
B. Annie
C. Charlie
D. Either option A or B
E. Can't be determined
8. Find the distance between Charlie and B?
A. 14 m
B. 12 m
C. 10 m
D. Either 13 m or 15 m
E. Data Inadequate
9. Annie is how much far and in which direction from Bony?
A. 8 m , West
B. 10 m , West
C. 12 m , West
D. 6 m , West
E. Data Inadequate

Directions: Read the given information carefully and answer the questions given beside
Point $L$ is 60 m to the north of point $G$. Point $M$ is 12 m to the east of point $F$, which is exactly in the middle of the road connecting points M and T . Point T is 40 m to the south of point G . Point P is 50 m to the north-east of point $T$, which is 30 m to the west of point X .
10. If point $O$ intersects the road connecting points $G$ and $T$ at 5 m such that point T is nearest to point $O$, then point $O$ is how much far (shortest route) and in which direction from point F ?
A. 15 m , North-east
B. 13 m , North-west
C. 10 m , South-east
D. 9m, South-west
E. None of these

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | C | B | B | D | C | A | C | B | B |

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## Common explanation : (Q. 1 to 3)

## Reference :

Point G is 30 m to the east of point B , which is 20 m to the north of point A .
Point E is 10 m to the south of point G .

## Inference :

From the given hints following image can be prepared.


## Reference :

Point $F$ is 16 m to the west of point E .
Point $H$ is 12 m to the south of point $F$.

## The Question Bank

 Point $C$ is 13 m to the east of point $F$.
## Inference :

From the given hints following image can be prepared.


1. If point $X$ is exactly between $B$ and $A$ then $F$ is $14 m$ to the east of point $X$.


Hence option B is correct.
2. If point $Y$ is 6 m south of point G then the shortest distance between point C and point Y is 5 m .


Hence option C is correct.

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3. If point $X$ is exactly in the middle of points $B$ and $A$ then the distance between point $C$ and point $X$ is 27m.


Hence, option B is correct.

Common explanation : (Q. 4 ot 6)
Reference :
Point $A$ is 10 m to the south of Point $B$, which is 8 m to the west of Point $C$.
Point $D$ is 14 m to the north of Point C .
Point $E$ is $4 m$ to the east of Point $F$, which is 5 m to the south of Point $D$.

## Inference :

Following image can be prepared with the given hints.


## Reference :

Point E is 8 m to the west of Point G .
Point $H$ is 19 m to the south of Point $G$.
Point H is 12 m to the east of Point I .

## Inference :

Following image can be prepared with the given hints.

4. The shortest distance between D and G is 13 m .

Hence option B is correct.

Final Image:

5. $H$ is 20 m to the east of A .

Hence option D is correct.

Final Image:

6. $B$ is in south-west of $E$.

Hence option C is correct.

Final Image:


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## Common explanation : (Q. 7 to 9)

## Reference :

Below image shows a square garden where each dot represents one of the persons among Annie, Bony, Charlie, Danny and Emy. Charlie is in the south-east of Danny. Bony is in the east of Annie. Emy and Danny stand in a straight line.

Note- The given numbers are in meters. The four corners of the park are marked as A,B,C,D.

## Inference :

As Charlie is in the south-east of Danny, thus Danny must be between AB.
Bony is in the east of Annie, thus Bonnie and Annie must be between $C D$ such that Bony is nearest to $D$ and Annie is nearest to $C$.
Thus Charlie will be 14 m north of D .
Position of Emy and Danny cannot be fixed.

7. If Bony is in the south of Danny, then Emy is towards the north-west of Bony.


Hence, option A is correct.
8. The distance between Charlie and $B$ is 10 m , because in a square each side is equal and we can measure one of the sides as $12+6+6=24 \mathrm{~m}$

Hence option C is correct.
9. Annie is 10 m to the west of Bony.

Hence option B is correct.
10. With the given information following image can be prepared.


Thus clearly using the Pythagoras theorem we can say that the point O is 13 m from point F . Hence option B is correct.


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