

## Direction Sense Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Asst. Pre and EPFO SSA Pre Exams.

## Direction Sense Quiz 21

Direction : Read the given information carefully and answer the questions given beside:
Six children are playing Hide \& Seek in a park and were standing at different positions such that P is 9 $m$ towards the north of $T$. $Q$ is $4 m$ to the west of $O$, who is 12 m to the east of $T$. U is 6 m to the south of $\mathrm{Q} . \mathrm{R}$ is 3 m to the north of O . Then few of them moved and their new positions are denoted by adding (') to their respective names. P moved 5 m towards east. O moved 3 m towards the east. Q moved 5 m towards the north.

1. What is the shortest distance between $T$ and U?
A. 9 m
B. 11 m
C. 10 m
D. 15 m
E. None of these
2. Find the distance between Q and $\mathrm{O}^{`}$ ?
A. 7 m
B. 5 m
C. 6 m
D. 9 m
E. None of these
3. Who among the following is in north-east of $U$ ?
I. P
II. 0

The
III. R
A. Only I
B. Only II and III
C. Only I and II
D. Only III
E. All of the above
4. $\quad$ is in which direction and how much far from $0^{`}$ ?
A. 12 m , West
B. 15 m , East
C. 10 m , North-west
D. 15 m , West
E. None of these
5. Find $Q$ is in which direction from $P$ ?
A. South
B. South-east
C. North-west
D. South-west
E. None of these

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| C | A | B | D | B |

## COMMON EXPLANATION:

## Reference:

Six children are playing Hide \& Seek in a park and were standing at different positions such that $P$ is 9 m towards the north of T . Q is 4 m to the west of O , who is 12 m to the east of T .

## Inference:

On the basis of the given hints, following image can be prepared.

$U$ is 6 m to the south of $Q$. $R$ is 3 m to the north of O .

## Inference:



Following image can be prepared as per the given hints.


## Reference:

Then few of them moved and their new positions are denoted by adding ' to their respective names. P moved 5 m towards east. O moved 3 m towards the east. Q moved 5 m towards the north.

## Inference:

The above hints can be used in the following manner.


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## Answers :

1. The shortest distance between $T$ and $U$ using Pythagoras theorem is 10 m .

Hence option C is correct.
2. The distance between Q and $\mathrm{O}^{`}$ is 7 m .

Hence option A is correct.
3. Only $O$ and $R$ are towards the north-east of $U$.

Hence option B is correct.
4. $T$ is 15 m towards west of 0 .

Hence option D is correct.
5. $Q$ is in south-east of $P^{\prime}$.

Hence option B is correct.

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