

Direction Sense Questions for SBI Clerk Mains and IBPS Clerk Mains Exams.

Direction Sense Quiz 25

Directions: Read the given information carefully and answer the questions given beside.

It has been given that-

A is + from point B states B is to the NORTH of A. A is = from point B states B is to the SOUTH of A. A is || from point B states A is to the East of B. A is * from point B states A is to the WEST of B.

Now, S is =20 m from point P. Point Q is =15 m from point R. Point U is +15 m from Point V. Point T is ||20 m from point V. Point U is ||16 m from point Q. Point R is ||30 m From point P.

1.	What is the shortest distance between point S and Q?							
A. 5 √ 37		B. 7 √ 37	C. 4 √ 65	D. 2 √ 37	E. None of these			
2.	What is the shortest distance between the point T and the point which is to the East of Q?							
A. 25 m		B. 26 m	C. 30 m	D. 24 m	E. 22 m			
3.	U is in which direction with respect to P?							
A. East		B. South East	C. North East	D. South West	E. North West			
4. Z is a point which at a distance of 46 m from point U towards West. Then what is the distance between point S and point Z and in which direction with respect to S?								
A. 4 m	north	B. 5 m south	C. 7 m east	D. 6 m west	E. None of these			
5. R is in which direction with respect to T?								
A. North West		B. South West	C. South East	D. North East	E. None of these			

Correct Answers:

1	2	3	4	5
А	А	С	В	В





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Common explanation :

Reference-

It is stated that A + B states B is to the NORTH of A. A = B states B is to the SOUTH of A. A || B states A is to the East of B. A * B states A is to the WEST of B.

It has been further instructed that S is =20 m from point P. Point Q is =15 m from point R. Point U is +15 m from Point V. Point T is ||20 m from point V. Point U is ||16 m from point q. Point R is ||30 m From point P.

Inference-

Thus using the above statements we can conclude and draw the diagram as follow-





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Answers.

1. We can apply Pythagoras's theorem as follow-

Sqrt ($5^2 + 30^2$) = $\sqrt{(25+900)} = \sqrt{(925)} = \sqrt{(25*37)} = 5\sqrt{37}$.



Hence option A is correct

2. The point to the East of Q is U. So using Pythagoras's theorem, we can find the distance between T and U.



Hence option A is correct.

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3. We can see that U is in North East direction with respect to P.



Hence option C is correct.

4. We can draw the diagram and see that Z is at 5 m south of S.



We can see that 20-15 = 5 m.

Hence option B is correct



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Hence option B is correct.





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