

Distance and Direction Questions for Bank Exam

1. Ram and Shyam were talking facing each other in a garden during sunrise. It was then observed that shadow of Ram fell to his left, then in which direction will Shyam be facing?

- a) North
- b) South
- c) South-west
- d) West
- e) East

2. At 12.30 the hour hand of a clock faces North and the minute hand faces South. At 2.45 the minute hand will be in which direction?

- a. North-West
- b. West
- c. South-East
- d. East
- e. South

3. A direction pole was situated on the crossing. Due to an accident the pole turned in such a manner that the pointer which was showing East, started showing South. One traveler went to the wrong direction thinking it to be West. In what direction actually he was travelling?

- a. South
- b. East
- c. West
- d. North
- e. None of these

4. Rani is facing east. She turned 120° in the clockwise direction and then 165° in the anti-clockwise direction. Which direction is she facing now?

- a. East.
- b. North-east.
- c. North.
- d. South-west.
- e. None of these

5. Mr. David walks 4 km towards west, then turns to his right to travel 9 km. He turns towards east and travels 12 km. Finally, he travels 3 km towards south. How far is he from the initial position (in km)?

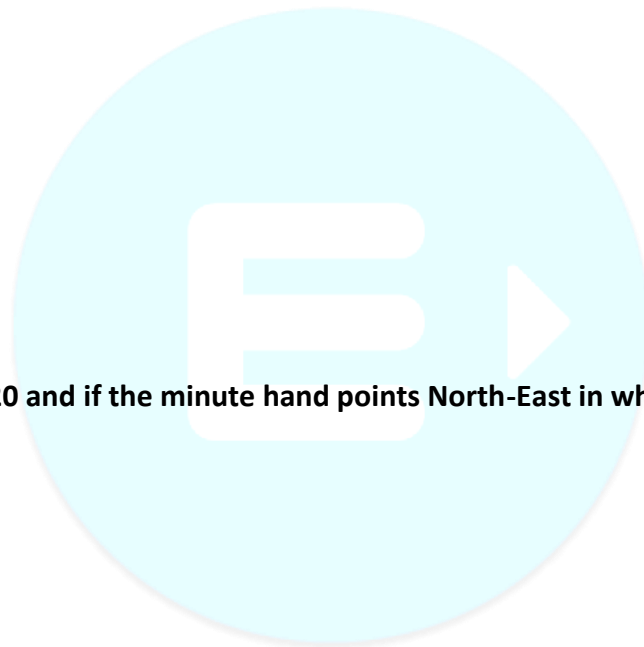
- a) 15
- b) 23
- c) 18
- d) 10
- e) 28

6. If the clock read 6.20 and if the minute hand points North-East in which direction will the hour hand point?

- a. West
- b. South-East
- c. East
- d. North-West
- e. North

7. A person starts from point P which is 10 km west of point E. Then he goes towards north and after taking a right turn he reaches point A. Now he turns to his right and reaches a point T on line EP. Find distance PT.

- a) 8 km
- b) 12 km
- c) 5 km



- d) 6 km
- d) None of these

8. Divya was looking for her mother. She went 90 meters in the east before turning to her right. Then went 20 meters before turning to her right again to look for her mother at her uncle's place 30 metres from this point. Her mother was not there. From here she went 100 metres to her north before meeting her mother in a street. How far did Divya meet her mother from the starting point?

- a) 110 m
- b) 100 m
- c) 90 m
- d) 240 m
- e) None of these

9. A man started from point P and moves towards his east. After moving a distance of 30m, he took a right turn, again after moving 15m, took a left turn, and again after moving 10m, he took a right turn. Which direction is the man is facing now?

- a) North
- b) South
- c) West
- d) North-west
- e) South-west

10. Rahul walks 22m towards east from point 'A' and turns his left and walks 6m. Again, he turns his right and walked 7m and he reached the point 'P' after walking 6m towards his right. Finally, he turns right and stop at point 'B' after walking 19m towards west from point P. What is the distance to reach the starting point from Point B?

- a) 3m
- b) 10m
- c) 4m

- d) 5m
- e) None of these

Q 11-12) Eight persons M through T are standing in such a way that O is 20 m apart from N towards West, N is 30 m South with respect to M. M is 40 m towards West with respect to Q. P is 50 m towards South with respect to Q. R is 15 m apart from S towards North. T is 20 m towards East with respect to S. R is 40 m towards West with respect to P.

11). In which direction is Q standing with respect to R?

- a) North-West
- b) North
- c) North-East
- d) Cannot be determined
- e) None of these

12). If one more person U is standing towards South-West with respect to P, then in which direction is T, standing with respect to U?

- a) South-West
- b) North-East
- c) North-West
- d) Cannot be determined
- e) None of these

13). What is the direction of O with respect to S?

- a) North-West
- b) North
- c) West
- d) Cannot be determined
- e) None of these

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Q (14-17). Nine cars P, Q, R, S, T, U, V, W and X are parked such that:

- (1) R is 4 km east of Q.
- (2) P is 2 km north of Q.
- (3) W is 4 km south of P.
- (4) V is 2 km west of W.
- (5) S is 6 km east of V.
- (6) U is 4 km north of V.
- (7) X is parked in the middle of Q and R.
- (8) T is parked in the middle of W and S.

14. What is the distance between W and S?

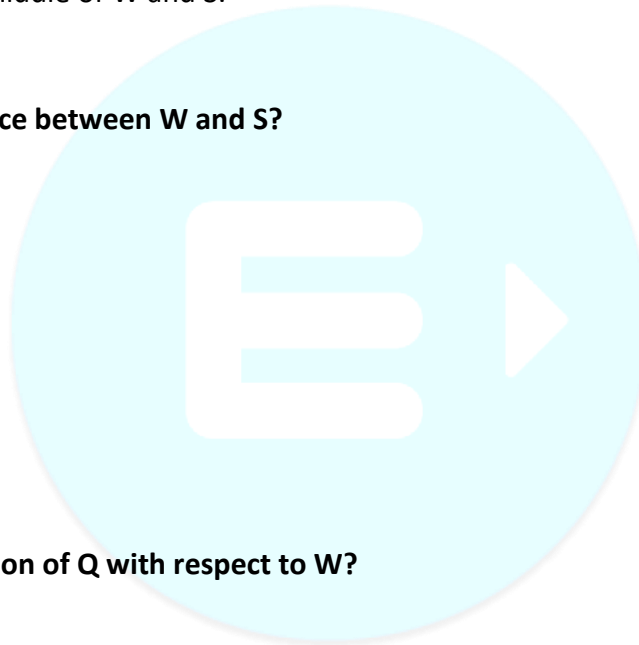
- a) 6 km
- b) 4 km
- c) 3 km
- d) 2 km
- e) 5 km

15. What is the direction of Q with respect to W?

- a) East
- b) West
- c) South
- d) North
- e) Cannot be determined

16. What is the distance between U and W?

- a) 20 km
- b) $\sqrt{28}$ km



- c) $\sqrt{20}$ km
- d) $3\frac{4}{5}$ km
- e) Cannot be determined

17. Which car is parked between V and T?

- a) S
- b) Q
- c) W
- d). T
- e) U

Q (18-20) Read the following information carefully and answer the questions given below it:

1. $X \alpha Y$ means Y is to the right of X at a distance of one metre.
2. $X \beta Y$ means Y is to the North of X at a distance of one metre.
3. $X \lambda Y$ means Y is to the left of X at a distance of one metre.
4. $X \eta Y$ means Y is to the South of X at a distance of one metre.
5. In each of the following questions all person face South.

18. If $A \eta B \lambda L \beta K$, then K is in which direction with respect to A?

- a) South
- b) East
- c) North
- d) West
- e) None of these

19. If $G \alpha L \eta R \alpha M$ then M is in which direction with respect to L?

- a) North-east
- b) North-west
- c) South-east

- d) South-west
- e) None of these

20. If $A \alpha B \lambda C \beta D$, then D is in which direction with respect to A?

- a) North
- b) South
- c) East
- d) North-east
- e) None of these

Q (21-25) Read the following information carefully to answer the questions that follow. The questions are based on following coding formats:

*** – North**

& – South

@ – East

– West

^ – Either 4 or 6 m

% – Either 3 or 10 m

Examples:

A&B means A is South of B

A*#B means A is North-West of B

A#^B means A is West of B at a distance of either 4 or 6 m.

Conditions given are as:

- I. $M*\%N$ II. $M*\#O$ III. $O@N$ IV. $O\#^AP$ V. $Q\&\%P$ VI. $R\#\wedge Q$
- VII. $S*\wedge R$ VIII. $S\&\#O$

21. Given $X\#S$, $XS = 3m$, $N*X$. Find distance between N and O?

- a) 4m
- b) 5m

- c) 6m
- d) 7m
- e) Cannot be determined

22. If $N \perp S$, then which of the following is true regarding points N and S?

- a) $S \perp N$
- b) $N \perp S$
- c) $N \perp S$
- d) $S \perp N$
- e) None of these

23. Jack starts walking from point M walks for 5m in ' \rightarrow ' direction, reaches point J, turns ' \downarrow ' direction and now walks 7m to reach point S. Given $J \perp S$. What is the distance between points O and M and consider question number 1 also?

- a) $\sqrt{39}m$
- b) $\sqrt{34}m$
- c) $\sqrt{43}m$
- d) $4\sqrt{7}m$
- e) $4\sqrt{2}m$

24. If distance point S and Q is $6\sqrt{2}m$, then find distance between points S and O?

- a) $2\sqrt{5}m$
- b) $8\sqrt{5}m$
- c) $5\sqrt{5}m$
- d) $7\sqrt{6}m$
- e) $5\sqrt{2}m$

25. If $Y \wedge P$ and $S \# Y$, what is the maximum area of the quadrilateral formed by joining points Y, S, R and Q?

- a) 25m²
- b) 28m²
- c) 16m²
- d) 36m²
- e) None of these

Q (26-30) Check the following information and answer questions.

Two friends Geeta and Radha start walking from the same point. Geeta started walking and travelled 6 km before turning left. From there, she travelled 8 km and turned right to travel 2km. Now, she turned left to travel 9 km and reached her destination finally towards west. Radha started walking and travelled 5 km before turning right. From there, she travelled 6 km and turned right to travel 8 km. Now, she turned left and travelled 4 km and turned right to travel 3 km and reached destination finally towards west.

26. What is vertical distance travelled by Radha in Kms?

- a) 10
- b) 17
- c) 11
- d) 16
- e) 8

27. In which direction is Geeta finally with respect to Radha?

- a) South-west
- b) North-west
- c) North-east
- d) South-east
- e) South

28. In which direction was Geeta facing initially?

- a) South
- b) West
- c) East
- d) North
- e) Cannot be determined

29. Radha was facing initially towards

- a) South
- b) West
- c) East
- d) North
- e) Cannot be determined

30. What is the horizontal distance travelled (in kms) by Geeta?

- a) 20
- b) 18
- c) 16
- d) 17
- e) 19

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