DIRECTION TEST

1. Roy walks 2 km to East, then turns North-West and walks 3 km. Then he turns South and walks 5 km. Then again the turns West and walks 2 km. Finally he turns North and walks 6 km. In which direction, is he from the starting point?
   1) South-West
   2) South-East
   3) North-West
   4) North-East
   5) None of these

2. Rana travels 10 km North, turns left and travels 4 km and then again turns right and covers another 5 km. he then turns to right-hand side and travels another 4 km. How far is he from the point of starting of his journey?
   1) 5 km
   2) 4 km
   3) 15 km
   4) 10 km
   5) None of these

3. Ram starts from a point A and walks 6 km North, then turns left and walks 8 km. Then turns left and walks 12 km up to the point B. What is the direction of Ram?
   1) North
   2) South
   3) East
   4) West
   5) None of these

4. Sita walks 1 km to East, turns right and walks another 1 km and then turns left and walks 2 km and again turning to her left travels 5 km. How far is Sita from her starting point? (Consider the shortest distance)
   1) 8 km
   2) 5 km
   3) 7 km
   4) 6 km
   5) None of these

5. Vishal walks 2 kms towards South. He then turns right and walks 3 kms. he now turns left and walks 5 kms. Further, he moves 2 kms after turning to the left. In which direction is he facing?
   1) West
   2) East
   3) North
   4) South
   5) None of these

6. Kannan walked 10 kms towards North. From there the he turned back and walked 6 kms towards South. Then he walked 3 km to wards East. How far was he from the starting point?
   1) 3 km
   2) 6 km
   3) 7 km
   4) 5 km
   5) None of these

7. Shashi and Sunil start from 0 (Zero) and walked in opposite directions. Shashi covered 7 kms towards west to A and Sunil walked to east 5 kms to B. Sunil turned to his left and covered to her right and walked 3 kms to C. How far are they from each other?
   1) 10
   2) 12
   3) 14
   4) 16
   5) None of these

8. Ram is facing North-West. He turns is clockwise direction by 90, then 180 in the anti-clockwise direction by 90, then 180 in the anti-clockwise direction and then another 90 in the same direction. Which direction is he facing now?
   1) South-West
   2) West
   3) South
   4) South-East
   5) None of these

9. Laxman went 15 km to North then he turned West and covered 10 kms. Then he turned South and covered 5 kms. Finally turning to East he covered 10 kms. In which direction he is from his house?
   1) East
   2) West
   3) North
   4) South
   5) None of these

10. A man from a point, walks 4 miles North, turns to his right and walks 2 miles, again turns to his right and walks 2 miles, again turns to his right and walks 2 miles. In which direction would he be now?
    1) North
    2) South
    3) East
    4) West
    5) None of these

11. Pran and Khan start from their office and walks in opposite direction, each traveling 10 km. Pran then turns left and walks 10 km. While Khan turns right and walks 10 km. How far they are now from each other?
    1) 0 km
    2) 5 km
    3) 10 km
    4) 20 km
    5) None of these

12. A taxi driver commenced his journey from a point and drove 10 km towards north and turned to his left and drove another 5 km. After waiting to meet a friend here, he turned to his right and continued to drive another 10 km. He has covered a distance of 25 km so far, but in which direction would he be now?
    1) South
    2) North
    3) East
    4) South-East
    5) None of these

13. If A stand on his head with his face towards north, in which direction will his left hand point?
    1) North-East   2) North
    3) East   4) North-west
    5) None of these

14. A car travelling from south covers a distance of 8 kms, then turns right and runs another 9 kms and again turns to the right and was stopped. Which direction does it face now?
    1) South   2) North
    3) West   4) East
    5) None of these

15. 'A' man starts from a point walks 2 km towards North, turns towards his right and walks 2 km turns right again and walks. What is the direction now he is facing?
    1) South   2) South-East
    3) North   4) West
    5) None of these

16. Harihar starts walking straight facing South. After walking 30 metres he turned to his right, walked 25 metres and turned to his left. Again after walking a distance of 10 metres he turned to his left. Which direction is he facing now?
    1) West   2) East
    3) North-East   4) South-West
    5) None of these

17. Ashok walked five metres towards East, took a right - turn and walked 10 metres and again he took a right turn and walked 15 metres. Which direction is he facing now?
    1) South   2) West
    3) North   4) South-West
    5) None of these

18. Q walked 20 metres towards West, took a left turn and walked 20 metres. He then took a right turn and walked 20 metres and again took a right turn and walked 20 metres. How far is Q now from the starting point?
    1) 40 metres   2) 50 metres
    3) 80 metres   4) Data inadequate
    5) None of these

19. Tom walked 10 miles from point P towards the East. He then took right turn and walked 5 miles and taking another right turn walked again for another 5 miles. In which direction is point P from where Tom is standing now?
    1) West   2) North-West
    3) North-East   4) Can't be determined
    5) None of these

20. Shyam walked 6 metres facing towards East, then took a right turn and walked a distance of 9 metres. He then took a left turn and walked a distance of 6 metres. How far is he from the starting point?
    1) 15 metres   2) 21 metres
    3) 18 metres   4) Can't be determined
    5) None of these

21. Prabir started walking towards South. He took a right turn after walking 10 metres. He again took a left turn after walking 20 metres. Which direction is he facing now?
    1) South   2) North
    3) West   4) East
    5) Can't be determined

22. Raman starts from point P and walks toward South and stops at point Q. He now takes a right turn followed by a left turn and stops at point R. He finally takes a left turn and stops at point S. If he walks 5 kms. before taking each turn, towards which direction will Raman have to walk from point S to reach point Q?
    1) North   2) South
    3) West   4) East
    5) North-West

23. Kunal walked 10 m towards the East, turned right and walked another 15 m. Then he turns left and walks 3 m. He finally takes a left turn and walked 6 m. Which direction is he facing now?
    1) East   2) North
    3) West   4) South
    5) South-West

24. Ahmed is standing to the West of Amit and North of Rachna and Satish is to the West of Rachna and South of Samir. Satish is in which direction from Amit?
    1) West   2) South-West
    3) South   4) South-East
    5) None of these

25. Mohan walked 40 metres towards North, took a left turn and walked 20 metres. He again took a left turn and walked 40 metres. How far and in which direction is he from the starting point?
    1) 20 metres East 2) 20 metres North
    3) 20 metres South 4) 100 metres South
    5) None of these

26. Samir was standing facing East. He turned to his right and walked 5 metres, again turned to his right and walked 7 metres. Then he turned to his left and walked 4 metres. Which direction is he facing now?
    1) North   2) South
    3) West   4) North-West
    5) None of these
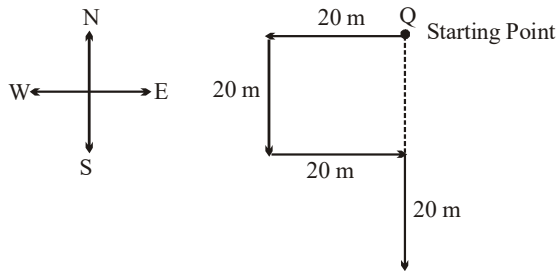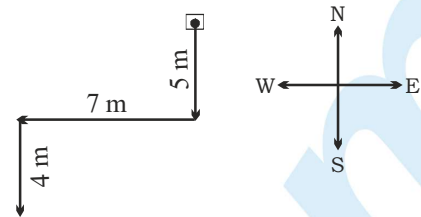
27. If M is in the south of B and B is in the west of N, then in which direction is N from M?
    1) North   2) East
    3) North-East   4) Data inadequate
    5) None of these

28. Naveen walks 20 m towards east. He then turns left and walks 10 metres. He again turns left and walks 20 metres. How far is he from his starting point?
    1) 10 metres   2) 50 metres
    3) 40 metres   4) 30 metres
    5) None of these

29. Mohan starts walking East and walked 30 metres, then he turned right and walked 50 metres and he again turned left and walked 40 metres. Again he turned left and walked 50 metres. Now, how far is he from his starting point?
    1) 170 m   2) 70 m
    3) 120 m   4) 110 m
    5) None of these

30. A walks 10 m North, then he turns right and walks 10 m. And then turning left, he walks 5 m, 15 m and 15 m respectively. Now, how far is he from his starting point.
    1) 5 m   2) 10 m
    3) 15 m   4) 20 m
    5) None of these

31. Praveen walked 30 metres towards East, then he turned right and walked 20 metres. Again he turned right and walked 30 metres. How far is he from his starting point?
    1) 30 m   2) 80 m
    3) 50 m   4) 20 m
    5) None of these

32. Atul walks 20 metres towards south. He then turns left and walks 30 metres. after that he turns right and walks 10 metres. Then again he turns right and walks 40 metres. After this he turns right and walks 30 metres. Now he stops. Now, in which direction is he from his starting point?
    1) South-west   2) West
    3) North-West   4) Starting point-itself
    5) None of these

33. Amit walked 20 metres towards west, turned right and walked 30 metres, again he turned right and walked 20 metres. How far was he from his starting point?
    1) 70 m   2) 40 m   3) 30 m
    4) 50 m   5) None of these

34. Dhanesh walks 50 m east and then he turns to his right and walks 30 metres. Now, in which is he from his starting point?
    1) South-west   2) North-east
    3) North-west   4) South-east
    5) None of these

35. Four persons A, B, C and D are sitting along the sides of a table. B is sitting towards left of A. C who is facing West, is sitting to the right of D. Who is facing South?
    1) A   2) B
    3) B or D   4) Data inadequate
    5) None of these

36. Five persons P, Q, R, S and T are sitting around a round table. Q, is sitting between T and S. P is not in immediate left of S, then who is sitting second to the right of Q?
    1) P   2) R
    3) S   4) Data inadequate
    5) None of these

37. Q walked 20 metres towards west, turned left and walked 20 metres, then he turned right and walked 20 metres and again he turned right and walked 20 metres. Now, how far is Q from his starting point?
    1) 40 m   2) 50 m
    3) 80 m   4) Data inadequate
    5) None of these

38. If North-east becomes West and South-east becomes North then what will West becomes?
    1) South-east   2) North-east
    3) South   4) North-west
    5) None of these

39. Imagine that you are walking towards south. After sometime you turns left. Then again you turns left. After that you turn right and once again turn to the right. In which direction you are walking now?
    1) East   2) West
    3) South   4) North
    5) None of these

40. Manish and Rinku starts waking from a same point. Manish goes towards west and completes 4 km and then he turns right and goes 3 km. Rinku goes towards North and completes 3 km, he then turns right and goes 5 km. How far is Manish from the Rinku?
    1) 1 km   2) 3 km
    3) 9 km   4) 7 km
    5) None of these

41. Sarla says to Suresh that she is going to the North direction to hide, but she went 2 km east from there and then 3 km towards south and again 2 km towards west and then again same distance towards the starting place. Now, in which direction is Sarla from her hiding place?
   1) North   2) South
   3) West   4) East
   5) None of these

42. Four friends are sitting along the sides of a square table Meena is sitting to the right of Padma and Beena is sitting to the left of Krishna, then which of the two friends are sitting opposite to each other while Krishna is sitting to the left of Padma?
   1) Padma and Krishna
   2) Krishna and Beena
   3) Beena and Meena
   4) Meena and Krishna
   5) Padma and Meena

43. Girija, Ishan, Frensis and Hema are sitting on a bench. Hema is sitting ahead and to the left of Frensis. Ishan's one side Frensis and to the other side Girija is sitting. Who is sitting to the extreme right?
   1) Girija   2) Ishan
   3) Frensis   4) Hema
   5) None of these

44. 5 books have been kept such that, E is above A. C is below the D. A is above the D. B is below the C then which of the book is most below?
   1) A   2) D
   3) B   4) C
   5) None of these

45. I am standing on a river shore with my back towards the river. An object in the water flows on its own from my left and goes to my right. River is flowing from my left and goes to my right. River is flowing from west to east, then in which do I am facing?
   1) East   2) West
   3) North   4) South
   5) None of these

46. My house's door faces the east. Sriram's house is attached from the backside wall of my house, whose door is exactly in the opposite direction from my house but it is on the main road. Towards which direction the door of the house on the other side of the road will face?
   1) Towards East
   2) Towards West
   3) Towards North
   4) Towards South
   5) Question is not clear

47. Kamala is between Mohan and Suresh. Ramesh is in the left of Suresh and Sohan is in the right of Mohan. All are standing facing North, then who is in the extreme right?
   1) Mohan
   2) Suresh
   3) Ramesh
   4) Sohan
   5) None of these

48. Ashok went 8 kms South and turned West and walked 3 kms, again he turned north and walked 5 kms. He took a final turn to east and walked 3 kms. In which direction was Ashok from the starting point?
   1) East
   2) North
   3) West
   4) South
   5) None of these

Directions: Kiran walks 20 m north, he turns right and walks 30 m, then he turns right and walks 35 m, then he turns left and walks 15 m, then he again turns left and walks 15 m.

49. How far Kiran is from his starting point?
   1) 25 m   2) 15 m
   3) 45 m   4) 30 m
   5) None of these

50. Which direction is Kiran facing now?
   1) East   2) West
   3) North   4) South
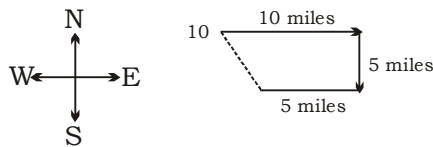   5) None of these

DIRECTION TEST

1. 3	2. 3	3. 2	4. 3	5. 2	6. 4
7. 2	8. 4	9. 2	10. 1	11. 4	12. 2
13. 4	14. 1	15. 1	16. 2	17. 2	

18. 1;

Required distance $= (20 + 20 =) 40$ m.

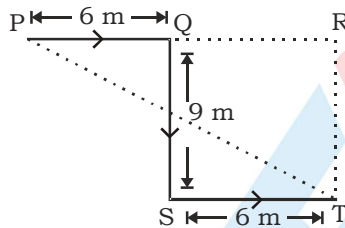|				
27. 3	28. 1	29. 2	30. 1	31. 4
32. 2	33. 3	34. 4	35. 2	36. 4
37. 1	38. 1	39. 3	40. 3	41. 2
42. 4	43. 1	44. 3	45. 3	46. 1
47. 3	48. 4	49. 4	50. 2	

19. 2;

It is clear from the diagram that point P is in North-West direction.

20. 1;

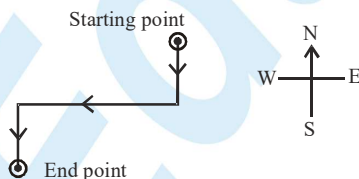In the above figure 'P' is starting point and 'T' is end point.
Now,

$PT^2 = PR^2 + RT^2$

$PT = \sqrt{PR^2 + RT^2}$

$= \sqrt{12^2 + 9^2} = \sqrt{144 + 81} = \sqrt{225} = 15$ m

[∵ PR = PQ + ST and RT = QS]

21. 1;

From the above figure it is clear that Prabir is facing South.

22. 1	23. 2	24. 2

25. 5

26. 2;