**Studytonight – Directions and Distances test 1 – Aditya Jain**

1. **A person walks towards west after a while he turns to his left and little further to his right. In which direction is he moving now?**
2. North
3. South
4. East
5. **West**
6. **Rama walks North words after a while he turns to his right and a little further to his left, finally after walking a distance of one Km, he turns to his left again. In which direction is he moving now?**
7. North
8. **West**
9. East
10. South
11. **A person walks 4 km towards east and takes a right turn and walks 3 km. How far is he from the starting point?**
12. 4km
13. 3km
14. 7km
15. **5km**
16. **Aditya went 15 km to the west from my house then turns left and walked 20 km. He then turned east and walked 25 km and finally turning left covered 20 km. How far was he from my house?**
17. 5 kms
18. **10 kms**
19. 40 kms
20. 80 kms
21. **Rekha who is facing South turns to her left and walks 15 meters then she turns to her left and walks 7 meters, then facing west he walks 15 meters. How far she is from her original position?**
22. 22
23. 37
24. **7**
25. 44
26. **From his house Lokesh went 15 km to the North. Then he turned West and covered 10 km. Then he turned South and covered 5 km. Finally turning to east, he covered 10 km. In which direction is he from his house?**
27. West
28. **North**
29. East
30. South
31. **Venkat walks 10 kms towards north. From there he walks 6 kms towards south, then he walks 3 kms towards east. How far and in which direction is he with reference to his staring point?**
    * + - 1. 7 kms East
          2. 5 kms West
          3. **5 kms North-East**
          4. 7 kms West
32. **If South-East is called ‘East’, North-West is called ‘West’, South-West is called ‘South’ and so on, what will north be called?**
33. East
34. North-East
35. **North-West**
36. South
37. **If South-East becomes ‘North’, North-East becomes West and so on, what will West become?**
    1. North-East
    2. North-West
    3. **South-East**
    4. South-West
38. **If A is to the South of B and C is to the East of B, in what direction is A with respect to C?**
    1. North-East
    2. North-West
    3. South-East
    4. **South-West**
39. **If there are four towns P, Q, R and T, Q is to the South – West of P. R is to the East of Q and South-East of P, and T is to the North of R along with QP. In which direction of P is T located?**
    1. South-East
    2. North
    3. **North-East**
    4. East
40. **P, Q, R and S are playing cards. P and Q are partners, S faces towards North. If P faces towards West, then who faces towards South?**
    * + - 1. Q
          2. **R**
          3. P
          4. S
41. **One evening before sunset two friends Sumit and Mohit were talking to each other face to face. If Mohit’s shadow was exactly to his right side, which direction was Sumit facing?**
    * + - 1. North
          2. **South**
          3. Data inadequate
          4. West

soln: Sun sets down at West. As Mohit’s shadow is to his right, and as shadow is in opposite direction to the sunset, hence Shadow is in East and hence Mohit is facing North. As Mohit and Sumit are talking face to face, Sumit shall face in direction opposite to that of Mohit. Hence South.

1. **A man is facing North-West. He turns 90 degree in clockwise direction and then 135 degree in the anticlockwise direction. Which direction is he facing now?**
   1. East
   2. **West**
   3. North
   4. South
2. **Sunita stands with her face pointing to the South-East direction. She walks 15m and then turns North wards and walks another 12 m. How far is she from the starting point?**
   1. 3m
   2. 27m
   3. **9m**
   4. None of these

Soln: Use Pythagoras theorem with 15 as diagonal side.