# **DIRECTION SENSE**

## **EXERCISE**

**Directions**: In the following questions, select the right answer from the given options to depict the correct direction/distance.

- 1. Kittu walks towards East and then towards South. After walking some distance he turns towards West and then turns to his left. In which direction is he walking now?
  - (a) North
- (b) South
- (c) East
- (d) West
- **2.** A person is driving towards West. What sequence of directions should he follow so that he is driving towards South?
  - (a) left, right, right
  - (b) right, right, left
  - (c) left, left, left
  - (d) right, right, right
- **3.** Richa drives 8 km to the South, turns left and drives 5 km. Again, she turns left and drives 8 km. How far is she from her starting point?
  - (a) 3 km
- (*b*) 5 km
- (c) 8 km
- (d) 13 km
- **4.** Dingi runs 40 km towards North then turns right and runs 50 km. He turns right and runs 30 km, and once again turns right and runs 50 km. How far is he from his starting point?
  - (a) 90 km
- (*b*) 50 km
- (c) 10 km
- (d) 5 km

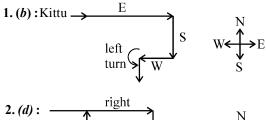
- **5.** If North is called North-West, North-West is called West, West is called South-West and so on. What will South-East be called?
  - (a) East
- (b) West
- (c) North-East
- (d) South-East
- **6.** A man travels 100 km towards South. From there he turns right and travels 100 km and again turns right to travel 50 km. Which direction is he in from his starting point?
  - (a) North
- (b) North-East
- (c) East
- (d) South-West
- 7. A train runs 120 km in West direction, 30 km in South direction and then 80 km in east direction before reaching the station. In which direction is the station from the train's starting point?
  - (a) South-West
- (b) North-West
- (c) South-East
- (d) South
- **8.** Facing the West direction, Priya jogs for 20 m, turns left and goes further 40 m. She turns left again and jogs for 20 m. Then she turns right to go 20 m to reach the park. How far is the park from her starting point and in which direction?
  - (a) 20 m South
- (b) 40 m West
- (c) 60 m South
- (d) 100 m East

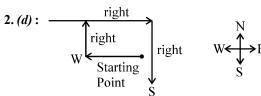
- **9.** If all the directions are rotated, *i.e.*, if North is changed to West and East to North and so on, then what will come in place of North-West?
  - (a) South-West (b) North-East
  - (c) East-North (d) East-West
- **10.** A and B start together from one point. They

walk 10 km towards North. A turns left and covers 5 km whereas B turns right and covers 3 km. A turns left again and covers 15 km whereas B turns right and covers his 15 km. How far is A from B?

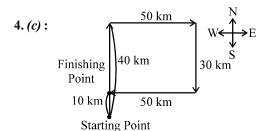
- (a) 18 km
- (b) 10 km
- (c) 5 km
- (d) 8 km

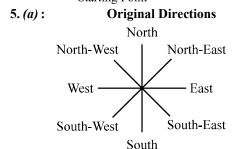
## **EXPLANATORY ANSWERS**



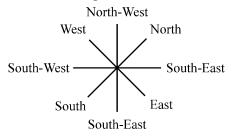


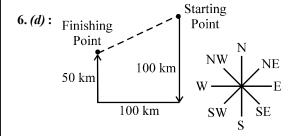


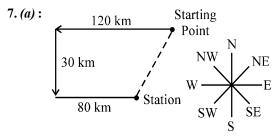


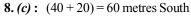


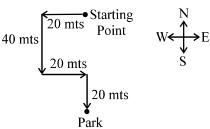
### **Changed Directions**











#### 9. (a): Original Directions

