

5

Direction Sense

Practice Exercise

- 1) Priya goes 30 mts North, then she turns right and walks 40 mts, again she turns right and walks 20 mts. She again turns right and walks 40mts. How many meters is she from her original position?
- a) 0 km b) 10 km c) 20 km d) 40 km
- 2) Latha started walking a distance of 40 kms towards South and took left 30 kms. Then she took left walking 40 kms and finally turned towards East walking further 35 kms. How far and which direction is she from the starting point?
- a) 60 kms, East b) 65 kms, south c) 65 kms, East d) 65 kms, west
- 3) Ramu started towards East from his house travelling 50 kms and took left 30 kms. Again, he travelled 20 kms, 30 kms and 40 kms always taking right each time. In which direction and how far is he from the starting point?
- a) East, 30 kms b) East, 20 kms c) West, 30 kms d) West, 20 kms
- 4) Sunil travelled 5 kms towards south from his house and he turned right and travelled 8 kms again he took left turn covering a distance of 10 Km. How far is he from his house?
- a) 15 kms b) 16 kms c) 17 kms d) 20 kms
- 5) From his office, Rahim walks 15 m in the South. He turns right and walks 9 m. He again walks 25 m by turning left. How far is he from his office?
- a) 40 m b) 41 m c) 45 m d) 49 m
- 6) A person travelled straight from his house a distance of 2 km, he took right and traveled 1 km again he travelled 1 km in the right direction. If he is in the South – West direction from his house, in which direction did he begin the Journey?
- a) North b) East c) South d) West
- 7) Ramya travelled 10 kms from her house and took right travelling 6 kms and she again took left 4 kms. If finally she is in south-east direction from her house. In which direction did she start from the house?
- a) South b) North c) East d) West

- 8) Sowmya went 25 kms south and took right travelling 10 kms further. Finally she turned right travelling 55 kms. Now she started travelling towards the starting point. In which direction is she moving now?
- a) North-West b) North c) South-East d) South-West
- 9) A clock is so placed that at 2 p.m. the minute hand points towards north-west. In which direction does the hour hand point at 6.00 p.m.?
- a) North-West b) West c) North-East d) South-East
- 10) On a highway, two cars P and Q were 150 kms apart from each other, they started travelling towards each other. Car P travelled 40 kms on the highway and took right covered 30 kms, from there it covered 40 kms taking left, whereas Car Q travelled 40 kms on the highway and took right covering a distance of 10 kms. What is the final distance between them? **[ACCENTURE]**
- a) 40 kms b) 50 kms c) 30 kms d) 60 kms

Directions [11-12] There are 5 buildings P, Q, R, S and T on a campus. The following instructions are given below:

- (i) To reach S from Q, go 5 km North and 5 km towards East.
 (ii) To reach R from Q, go 4 km West and 5 km towards North.
 (iii) To reach T from S, go 3 km East and 10 km towards North.
 (iv) To reach P from T, go 8 km West and 7 km towards South.

- 11) Which of the following is false?
- a) R is 9 km West of S.
 b) R is to the South-West of T.
 c) The distance from Q to P is 8 km.
 d) The distance from P to R is same as the distance from Q to S.
- 12) How far is building Q from building T?
- a) 10 km b) 20 km c) 17 km d) 15 km
- 13) If east is called west, north is called south, then north – east is _____?
- a) North-West b) North c) South-West d) South – East
- 14) One morning Ranjith and Rekha were sitting in a lawn facing each other and the shadow of Rekha is to her right hand side. Then in which direction is Ranjith facing now?
- a) East b) West c) North d) South

- 15) One morning Rahul and Ramya, were sitting in a park being their backs touching each other and the shadow of Rahul is in his left hand side then in which direction is Ramya facing?
- a) West b) North c) East d) South
- 16) A is to south of B, who is to the west of C. In which direction is C with respect to A?
- a) North- East b) South-East c) South-West d) Data inadequate
- 17) Four cities A, B, C and D are located such that D is 10 km to the North of B, A is 14 km to the South of C, B is 7 km to the east of C. What is the distance between the city A and D?
- a) 24 km b) 25 km c) 26 km d) 30 km
- 18) One day A and B were standing at a fixed point, A travelled 10 kms, 20 kms, 20 kms, 10 kms always taking left at each time, whereas B covered the same distances but always taking right each time. If both A and B started towards east. What is the final distance between them?
- a) 10 kms b) 15 kms c) 30 kms d) 20 kms
- 19) In above mentioned problem, if A started his journey towards east and B started his journey towards south. What is the final distance between them?
- a) 0 kms b) 20 kms c) 5 kms d) 10 kms
- 20) The houses of A and B face each other on a road going north-south, A's being on the western side. A comes out of his house, turns left, travels 5 km, turns right, travels 5 km to the front of D's house. B does exactly the same and reaches the front of C's house. Which of the following statements is correct?
- a) C and D live on the same street b) C's house faces south
c) The houses of C and D are less than 20 km apart d) None of the above

Check the Answers

1	B	6	C	11	D	16	A
2	C	7	C	12	C	17	B
3	A	8	C	13	C	18	D
4	C	9	D	14	C	19	A
5	B	10	B	15	D	20	C