

DIRECTION SENSE TEST

1. Ram started walking from his home in search of Seetha. He went 90 m in the East, then he turned right and went 20 m. After this he turned right and after going 30 m he found a forest. He searched in the forest, but didn't find her. From there he went 100 m to his north and reached the bank of a river. In which direction from his home is he now?
A. North B. East C. North-East D. West
2. A boy runs 5 km towards East and then turns left and walks 6 km. Again he turns right and walks 9 km. Finally he turns to his right and walks 6 km. How far is he from the starting point and in which direction?
A. 9km, West B. 14km, East C. 9km, East D. 14km, West
3. Rahul rides 3 km straight on his bicycle, turns left and rides for 6km, and then takes right turn and rides for 6 km, again 3km to the right and finally 6km to the right. How far is he now from his starting point?
A. 3 km B. $2\sqrt{3}$ km C. $3\sqrt{2}$ km D. $\sqrt{3}$ km

Directions for questions 4-5: Six girls are sitting in 3 consecutive seats of a bus with 2 in each seat. A is in the North-West of Q. B is in the East of A. Y is in the South-East of P.

4. Then in which direction is X sitting with respect to Q?
A. South B. West C. South-West D. East
5. In which direction is A present with respect to X?
A. North B. East C. South D. West
6. Early morning, Karan started jogging against the sun, jogged for 6 km, then he turned right and jogged for 5 km, then again he turned right and jogged for 2 km and finally he jogged for 5 km by turning right and reached the swimming pool. In which direction from his home is the swimming pool?
A. West B. East C. South D. North
7. Ram starts walking from his home at 9 a.m. He walked 4 km towards West, then he turned right and walked for 6 km and then 4 km towards right, and finally he walked for 8 km to his right and reached the school in the town. How far and in which direction is he from his home now?
A. 2 km South B. 12 km East C. 12 km South D. 2 km East
8. Tom started chasing Jerry from the dining table, ran behind him for $16\sqrt{2}$ m towards South-West, from there 2 m towards the East, then 9 m towards North, and then 2 m towards East and finally he ran for 7 m till the door in the North and caught Jerry. In which direction is the dining table with respect to the door?
A. North-West B. West C. East D. South-East

Directions for questions 9-10: Dev, Kumar, Nilesh, Ankur and Pintu are standing facing to the North in a playground such as given below:

Kumar is at 40 m to the right of Ankur.

Dev is at 60 m in the south of Kumar.

Nilesh is at a distance of 25 m in the west of Ankur.

Pintu is at a distance of 90 m in the North of Dev.

9. Which one is in the North-East of the person who is to the left of Kumar?
A. Dev B. Nilesh C. Ankur D. Pintu
10. If a boy starting from Nilesh, met to Ankur and then to Kumar and after this he to Dev and then to Pintu and whole the time he walked in a straight line, then how much total distance did he cover?
A. 215 m B. 155 m C. 245 m D. 185 m

Directions for questions 11-13: Tinku went in search of Rinku from his home. He walked for 300 m towards East, then walked for 400 m to his left, from there 700 m towards his right and reached the school. There he didn't find Rinku. From school he started walking towards South, walked for 900 m, then took a right turn and walked for 300 m, and then he took a left turn and walked for 200 m. Finally he found Rinku in a playground there.

11. In which direction is their home with respect to the playground?

- A. West B. North-West C. North-East D. None of these

12. In which direction is the school with respect to the home?

- A. South-East B. South-West C. North-East D. North-West

13. How far is the playground from their home?

- A. 700 m B. $700\sqrt{2}$ m C. $500\sqrt{2}$ m D. 900 m

Directions for questions 14-15: Ram has kept his wrist watch on his table in such a way that the hour hand points towards North-East and the minute hand towards South-West at 6 p.m.

14. Towards which direction is the hour hand pointing at 3:00 a.m.?

- A. North-East B. North-West C. South-East D. South-West

15. Towards which direction are the hour hand and minute hand respectively pointing at 4:30 in the evening?

- A. North, North-West B. South, South-East C. North, North-East D. South-East, South

Directions for questions 16-17: The time piece in Sunny's home is kept in such a way that the hour hand points towards North at 9:00 in the morning.

16. In which direction will the minute hand point at 6:15 in the next morning if the position of the clock is unchanged?

- A. North B. West C. East D. South

17. In which hand will the minute hand and hour hand respectively point at 10:30 a.m.?

- A. West, North-West B. West, North-East C. North-East, West D. North-West, East

18. A direction pole at a crossing is turned in such a way due to wind that North pointer is showing west and so on. A person travels towards South-West by being misguided by the pole. Towards which direction was he planning to travel?

- A. North-East B. South-East C. North-West D. East

Directions for questions 19-20: If South-West becomes South-East, West becomes South and so on then

19. _____ becomes East.

- A. West B. North C. South D. North-West

20. North-East becomes _____.

- A. South-West B. North C. East D. North-West