

1. I am facing East. I turn  $135^\circ$  in the clockwise direction and then  $180^\circ$  in the anticlockwise direction. Which direction am I facing now?  
(a) North (b) ☒ North-East (c) East (d) North-West
2. A man is facing North. He turns  $45^\circ$  in the anticlockwise direction and  $120^\circ$  in the clockwise direction. Which direction is he facing now?  
(a) East (b) North (c) ☒ North-East (d) South-East
3. A, B, C & D are playing cards. A and B are partners. D faces towards north. If A faces towards West, then who faces towards South?  
(a) A (b) B (c) ☒ C (d) D
4. A child is looking for his father. He went 90 meters in the east before turning to his right. He went 20m before turning to his right again to look for his father at his uncle's place 30m from this point. His father was not there. From there he went 100m north before meeting his father in a street. How far did the son meet his father from the starting point?  
(a) ☒ 80 m (b) ☒ 100 m (c) 140 m (d) 260 m
5. A man walks 20m towards east, then further 10m towards the south, then he walks 35 m towards the west and further 5m towards the north, then he walks 15m towards the east. What is the distance between his starting point and terminating point?  
(a) 0 (b) ☒ 5m (c) 10m (d) 20m
6. Ravi traveled 4km straight towards south. He turned left and traveled 6km straight, then turned right and traveled 4km straight. How far is he from the starting point?  
(a) 8km (b) ☒ 10km (c) 12km (d) 18km
7. A direction pole was situated on the Road Crossing. Due to an accident, the pole turned in such a manner that the pointer which was showing East, started showing South. Sita, a traveler went to the wrong direction thinking it to be West. In what direction actually she was travelling?  
(a) East (b) South (c) ☒ North (d) West
8. Sumi ran a distance of 40m towards the South. She then turned to the right and ran for about 15m, turned right again and ran 50m. Finally she turned to the left an angle of  $45^\circ$  and ran. In which direction was she running finally?  
(a) South-East (b) South-West (c) North-East (d) ☒ North-West
9. One evening before sunset Priya and Silpa were talking to each other face to face. If Silpa's shadow was exactly to her right side, which direction was Priya facing?  
(a) ☒ North (b) ☒ South (c) West (d) East
10. A, B, C, D and E are standing in a line facing North. E is standing 40 metres left to B. A is standing 20 metres left to C. D is standing 20 metres right to E and 50 metres right to C. What is the distance between A and B?  
(a) 70 metres (b) 80 metres (c) ☒ 90 metres (d) 100 metres
11. A man starts journey from home. He goes 5 kms to the North, then proceeds 10 kms to the right. From there he again turns right and goes 10 kms. How far is he from home? All distances are measured aerially.  
(a) ☒ 5 km (b) 25 km (c)  $\sqrt{225}$  km (d) ☒  $\sqrt{125}$  km
12. Seeta and Geeta started walking from a point A. Seeta walks 6km towards North and then takes a right turn and walks 3km. She then takes a right turn towards South and walks for 6km. She again takes a left turn and walks 3km and reaches a point B. Geeta walks for 3km towards West and takes a left turn and walks for 6km; she takes a left turn and walks 9km and she reaches at a point C. How far is the point B from point C?  
(a) 3 km (b) 4 km (c) 9 km (d) ☒ 6 km
13. Raju was to go to the planetarium. So he walked 1.5 kms towards east from the place and then turned to right and walked 2.5kms and then turned towards east and walked 1km and turned to south and walked 4 kms and reached the place by walking 2.5 kms towards west. What distance is he from the starting point?  
(a) ☒ 6.5 kms (b) 9.5 kms (c) 10 kms (d) 9 kms
14. Ravi wants to go to the university. He starts from his home which is in the east and comes to a crossing. The road to the left ends in a theater, straight ahead is the hospital. In which direction is the university?  
(a) ☒ North (b) South (c) East (d) West



15. If the clock read 6.20 and if the minute hand points North-East, in which direction will the hour hand point?  
(a) West (b) South-East (c) East (d) North-West
16. Rahim rode on his bicycle from his house towards the market for 300m. He was moving south-west. Then he turned left at an angle of  $135^\circ$  and rode for 100m to visit a friend. In which direction is Rahim's house located from his friend's house?  
(a) North (b) East (c) West (d) South
17. A man is facing South. He turns  $135^\circ$  in the anticlockwise direction and then  $180^\circ$  in the clockwise direction. Which direction is he facing now?  
(a) South-East (b) South-West (c) North-East (d) North-West
18. Karan facing towards south moved straight 2km and from there turned to his right  $90^\circ$  and travelled 2km. then he took a  $45^\circ$  turn to his left and travelled 1km. Where would he be now with respect to the starting point?  
(a) South region (b) South-east region (c) North-west region (d) South-west region
19. A river flows West to East and on the way turns left and goes in a semi-circle round a hillock, and then turns left at right angles. In which direction is the river finally flowing?  
(a) East (b) West (c) North (d) South
20. I am standing at the centre of a circular field. I go down South to the edge of the field and then turning left I walk along the boundary of the field equal to three eights of its length. Then I turn West and go right across to the opposite point on the boundary. In which direction am I from the starting point?  
(a) North-West (b) South-West (c) North (d) West
21. I am facing South. I turn right and walk 20m. Then I turn right again and walk 10m. Then I turn left and walk 10m and then turning right walk 20m. Then I turn right again and walk 60m. In which direction am I from the starting point?  
(a) North (b) North-West (c) East (d) North-East
22. Rahul's school bus is facing North, when it reaches his school. After starting from Rahul's house, it turns right twice and then left before reaching the school. What direction was the bus facing when it left the bus stop in front of Rahul's house?  
(a) North (b) South (c) East (d) West
23. If South-east becomes North, North-East becomes West and so on, what will west become?  
(a) North-East (b) North-West (c) South-East (d) South-West
24. A watch reads 4:30. If the minute hand points East, in what direction will be the hour hand point?  
(a) North (b) North-West (c) South-West (d) North-East
25. A man take 6km distance to go around the rectangular area. If the area of the rectangle is 2 sq km, find the difference between length and breadth.  
(a) 0.75 km (b) 1 km (c) 0.5 km (d) 2 km
26. A and B are standing at a distance of 20km from each other on a straight East-West road and A is to the west of B. A and B start walking simultaneously Eastwards and Westwards respectively and both cover a distance of 5km. then A turns to his left and walk 10km. B turns to his right and walks 10km at the same speed. Then both turn to their left and cover a distance of 5km at the same speed. What will distance between them?  
(a) 10 km (b) 30 km (c) 20 km (d) 25 km

**Directions (27-28): Study the following information to answer the given questions.**

Point B is 9km east of point A. Point T is 6 km south of point B. Point S is 4 km west of point T. Point T is 8km west of point G.

27. A person starts from point S, walks 3 km towards south and reaches point D. Next he takes two right turns and reaches point A. How much distance has he travelled from D ?  
(a) 18 km (b) 20 km (c) 17 km (d) 14km
28. A person is standing on midpoint of line TG. Find his shortest distance from point B?  
(a)  $3\sqrt{15}$  km (b)  $5\sqrt{14}$  km (c)  $6\sqrt{3}$  km (d)  $2\sqrt{13}$  km
29. A person starts from a point in east direction. He walks 6 km and turns to his left. Next he walks 4km and turns to his left again. Next he walks 2km and turns towards south direction. He stops after walking 8 km. find his distance from the starting point.  
(a) 16 km (b)  $3\sqrt{2}$  (c)  $4\sqrt{2}$  (d)  $4\sqrt{4}$
30. From a point, a person starts walking in south direction. He takes a right turn, then taken 2 lefts turns and then takes two right turns. In which direction is he facing now?  
(a) West (b) East (c) North (d) South