

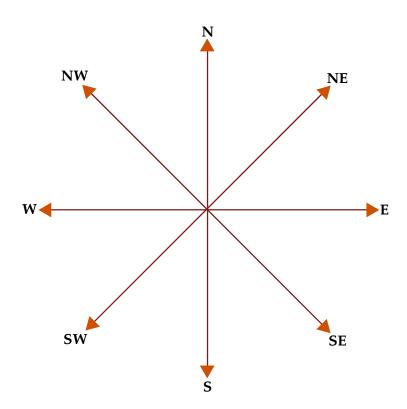
DIRECTION SENSE TEST



INTRODUCTION

After reading this chapter, students will be able to understand:

- In this test, the questions consist of a sort of direction puzzle. A successive follow-up of direction is formulated and the student is required to ascertain the final direction. The test is meant to judge the ability to trace and follow correctly and sense the direction correctly.
- ◆ The adjoining figure shows the four main directions (North N, South S, East E, and West W) and four cardinal directions (North East (NE), North West (NW), South East (SE), South West (SW) to help the students know the directions.



Always Remember:

Direction mentioned (given)	Direction indicated
Left + left	Down
Left + right	Up
Right + left	Up
Right + right	Down
Up + left	Left
Up + right	Right
Down + left	Right
Down + right	Left

Examples:

1. A man starts from a point and walks 2 km towards North, turns towards his right and walks 2 km, turns right again and walks. What is the direction now be is facing?

(a) South

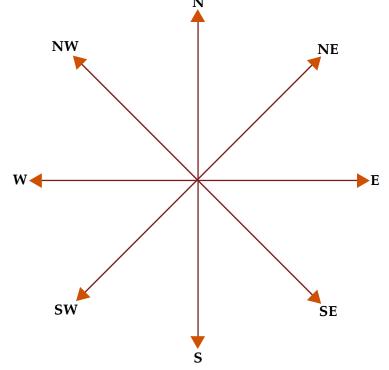
(b) South-East

(c) North

(d) West

Explanation: (a) The diagram given below helpful solving the questions and Direction Test.

South.



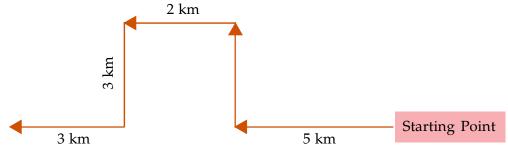
- 2. Ramu walks 5 kms starting from his house towards west then turns right and walks 3 km. Thereafter she takes left turn and walks 2 km. Further, he turn left and walks 3 km. Finally, he turns right and walks 3 kms. In what direction he is now from his house?
 - (a) West

(b) North

(c) South

(d) East

Explanation



It's clear from the diagram Ramu is to the West of his house.

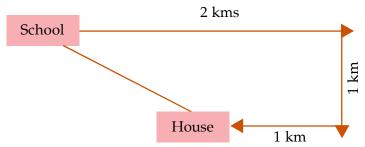
- 3. Gopal started walking 2 kms straight from his school. Then he turned right and walked 1 km. Again he turned right and walked 1 km to reach his house. If his house is sourtheast from his school, then in which direction did Gopal start walking from the school?
 - (a) East

(b) West

(c) South

(d) North

Explanation



From the diagram that Gopal Started walking towards East from the school.

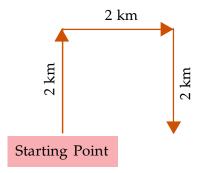
- 4. A man starts from a point, walks 2 kms towards north, turns towards his right and walks 2 kms, turns right again and walks. What is the direction now he is facing?
 - (a) South

(b) East

(c) North

(d) West

Explanation:



Based on the diagram the person facing towards south.

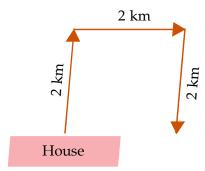
- 5. Janki started from her house and walked 2 km towards North. Then she took a right turn and covered one kilometre. Then she took again a right turn and walked for 2 kms. In what direction is she going?
 - (a) North

(b) East

(c) South

(d) West

Explanation:



Based on the diagram; it's clear that Janki is going towards South.

•••• EXERCISE – 10(A)

(Note: Questions are taken from previous exam questions papers of Competitive exams like SSC, RRB, MAT, UPSC etc.)

Choose the appropriate answer (a) or (b) or (c) or (d)				
1.	Mohan starts from point A and walks 1 km towards south, turns left and walks 1km Then he turns left again and walks 1 km. Now he is facing.			
	(a) East	(b) West	(c) North	(d) South-West
2.	Suresh starts from a point, walks 2 miles towards south, turns right and walks $1^1/_2$ miles turns left and walks $\frac{1}{2}$ miles and then he turns back. What is the direction he is facing now?			∠
	(a) East	(b) West	(c) South	(d) North
3.	A man starts from a point, walks 4 miles towards north and turns left and walks 6 miles turns right and walks for 3 miles and again turns right and walks 4 miles and takes rest for 30 minutes. He gets up and walks straight 2 miles in the same direction and turns right and walks one mile. What is the direction he is facing?			4 miles and takes rest
	(a) North	(b) South	(c) South-East	(d) West
4.	Arun started from point A and walked 10 kms East to point B, then turned to North and walked 3 kms to point C and then turned West and walked 12 kms to point D, then again turned South and walked 3 kms to point E. In which direction is he from his start point?			s to point D, then again
	(a) East	(b) South	(c) West	(d) North
5.	A starts from a point arturns left and walks 5			· · · · · · · · · · · · · · · · · · ·
	(a) North	(b) South	(c) East	(d) West
6.	A rat run 20 kms towards East and turns to right runs 10 kms and turns to right runs 9 kms and again turns to left runs 5 kms and then turns to left runs 12 kms and finally turns to left and runs 6 kms. Now what direction is the rat facing?			
	(a) East	(b) North	(c) West	(d) South
7.	A driver left his village and drove North for 20 kms, after which he stopped for breakfast. Then he turned left and drove another 30 kms, when he stopped for lunch. After some rest, he again turned left and drove 20 kms before stopping for evening tea. Once more he turned left and drove 30 kms to reach the town where he had supper. After evening tea in which direction did he drive?			
	(a) West	(b) East	(c) North	(d) South
8.	A man is facing East, then he turns left and goes 10 m, then turns right and goes 5 meters then goes 5 meters to the South and from there 5 meters to West. In which direction is b from his original place?			
	(a) East	(b) West	(c) North	(d) South

9.	From her home Prerna then turns left and the which direction her sch	en turns right, and	finally she turns left a	oes towards North and and reaches school. In
	(a) North-East	(b) North-West	(c) South-East	(d) South-West
10.		n turns left and wal	ks 20 feet. He turns le	t, turns right again and eft again walks 20 feet. ection is the child from
	(a) North	(b) South	(c) West	(d) East
11.	Raju facing North and then he moves 10 kms then he turned to his ri 20 kms. Now in which	in N <mark>orth-East, then</mark> ight and moves 20 k	he turned to his right ms and again he turne	and moves 20 kms and
	(a) South-East	(b) North-East	(c) South-West	(d) North-West
12.		s located 2 kms aw is located 2 kms aw ocated 2 kms away i	ay in the south-west of ay in the north-west di	
	(a) South-West	(b) North-West	(c) West	(d) North
13.		hbour and his house eph's neighbour and al's neighbour and	e is located 200 meter a d he stays 200 meters his house is located 2	away in the south-west away in the south-east 00 meters away in the
	(a) South-East	(b) South-West	(c) North	(d) North-East
14.		s east another 4 km	and then turns to his	drive of another 4 km. right and drives 5 km. n is he from the starting
	(a) North	(b) East	(c) West	(d) South
15.	A man started walking Towards which directi			and finally turned left.
	(a) North	(b) South	(c) West	(4) East
16.	One evening, Raja star	ted to walk toward	the Sun. After walking	g a while, he turned to

	direction is he facing?	nis right. After walk	ing a while, he again t	urned right. In which
	(a) South	(b) East	(c) West	(d) North
17.	Five boys A, B, C, D are facing South-East, B and between D and B. Which	d E are right oppos	ite A and D respectivel	O .
	(a) West	(b) South	(c) North	(d) East
18.	If a man on a moped stakens and turn again to t			
	(a) North	(b) West	(c) East	(d) South
19.	A man starts from a p turns left and walks 7 l 12 kms. In which direct	km turns a <mark>nd walks</mark>	20 kms towards South,	
	(a) North	(b) South	(c) West	(d) East
20.	Daily in the morning the shadow of Bara Ka Gumbaz to Bara Kama	nman falls on Gol C		~
	(a) Eastern side	(b) Western side	(c) Northern side	(d) Southern side
21.	Ashok went 8 kms Souwalked 5 kms. He took Ashok from the starting	k a final turn to Eas	e e e e e e e e e e e e e e e e e e e	
	(a) East	(b) North	(c) West	(d) South
22.	If X stands on his head point ?	with his face towar	ds south, to which dire	ction will his left hand
	(a) East	(b) West	(c) North	(d) South
23.	I drove East for 5 miles miles and again turned			•
	(a) South	(b) North	(c) West	(d) North-west
24.	If A stands on his head point?	with his face toward	ds north. In which dire	ction will his left hand
	(a) North-East	(b) North	(c) East	(d) North-West
25.	A car travelling from so 9 kms and again turns			0
	(a) South	(b) North	(c) West	(d) East

26.	turned to his left and di to his right and continu	axi driver commenced his journey from a point and drove 10 kms toward north and ned to his left and drove another 5 kms. After waiting to meet a friend here, he turned is right and continued to drive another 10 km. He has covered a distance of 25 kms so but in which direction would he be now?		
	(a) South	(b) North	(c) East	(d) South-east
27.	A walks 3 kms northw goes 3 kms. He turns r			_
	(a) East	(b) West	(c) North	(d) South
28.	Áwalks southwards, the from the starting point		left and then right. In	which direction is he
	(a) South	(b) East	(c) West	(d) North
29.	A man starts from a poturns right again and v			
	(a) North	(b) East	(c) West	(d) South
30.	30. A boy starts walking walking for 20 minutes		e e	<u>e</u>
	(a) West	(b) North	(c) South	(d) East
31.	I stand with my right ha will his back be?	and extended side-w	ays towards South. To	wards which direction
	(a) North	(b) West	(c) East	(d) South
32.	If a person moves 4 km right and moves 6 kms		<u> </u>	
	(a) East	(b) West	(c) North	(d) South
33. If Mohan sees the rising sun behind the temple and the setting sun behind the r station from his house, what is the direction of the temple from the railway station				
	(a) South	(b) North	(c) East	(d) West
34.	4. Laxman went 15 kms to North then he turned West and covered 10 kms. Then he turned south and covered 5 kms. Finally turning to East he covered 10 kms. In which direction he is from his house?			
	(a) East	(b) West	(c) North	(d) South
35.	A man starts from a p again turns to his right			

	which direction would	hich direction would he be now from into starting point.		
	(a) North	(b) South	(c) East	(d) West
36.	I started walking down I turned to my left. The			
	(a) East	(b) West	(c) North	(d) South
37.	Lakshmi walked 2 kms walk another one kilon direction is she facing to	netre and finally sh		
	(a) West	(b) North	(c) South	(d) North
38.	You are going straight, In which direction wou			n right again, then left.
	(a) East	(b) West	(c) South	(d) North
39.	If Ahmed travels towar distances in each direct now?			O I
	(a) East	(b) South	(c) North	(d) West
40.	Raja comes towards No direction is Raja now?	orth, turn right, then	right again and then §	go to the left. In which
	(a) South	(b) East	(c) West	(d) North
41.	Roopa starts from a pometres, turns right again			
	(a) South	(b) West	(c) East	(d) North
42.	A man starts his journe kms. He then walks 3 now?		,	<u> </u>
	(a) North-East	(b) North	(c) West	(d) South
43.	Roy walks 2 kms to Ea and walks 5 kms. Then walks 6 kms. In which	again he turns West	and walks 2 kms. Fina	
	(a) South-West	(b) South-East	(c) North-West	(d) North-East
44.	Seeta starts from a poir 2 kms, turns right again			<u> </u>
	(a) East	(b) West	(c) South	(d) North

45.	. Shyam was facing East. He walked 5 kms forward and then after turning to his right walked 3 kms. Again he turned to his right and walked 4 km. After this he turned back Which direction was he facing at that time?			0	
	(a) East	(b) West	(c) North	(d) South	
46.	Raju is standing facing north. He goes 30 metres ahead and turns left and goes for 15 metres. Now he turns right and goes for 50 metres and finally turns to his right and walks. In which direction is he heading?				
	(a) North	(b) East	(c) South	(d) West	
47.	7. Sanmitra starts from his house and walks 3 kms towards north. Then he t walks 2 kms and then turns right and walks 5 kms, then turns right and walks 1 kms. Which direction is he facing now			nt and walks 2 kms and	
	(a) North	(b) South	(c) West	(d) East	
48.	Raju is Ramu's neighbour and he stays 100 metres away towards southeast. Venu is Raju's neighbour and he stays 100 metres away towards southwest. Khader is Venu's neighbour and he stays 100 metres away towards, north-west. Then where is the position of Khader's home in relation to Ramu's?				
	(a) South-East	(b) South-West	(c) North-West	(d) East	
49.	Ramesh walked 3 kms turned to his right and another 2 kms. In which	l walked 3 kms. Fin	ally, he turned to his r	ight again and walked	
	(a) East	(b) West	(c) North	(d) South	
50.	O. Deepa starts walking north towards and after a while she turns to her right. After walking some distance, she turns to his left and walks a distance of 1 km. She then urns to her lef again. In which direction she moving now?			0	
	(a) North	(b) West	(c) East	(d) South	
51.	Raman starts walking in the morning facing the Sun. After sometime, he turned to the left later again he turned to his left. At what direction is Raman moving now?				
	(a) East	(b) West	(c) South	(d) North	
52.	Kamal starts walking towards North, then turns left and cover some disstance, then he turns towards right and walks. After some time he turns to his right and then turns left. In which direction Kamal is walking now				
	(a) East	(b) South	(c) North	(d) South-East	
53.	X walks southwards as he moving now?	nd then turns right,	then left and then right	t,. In which direction is	
	(a) South	(b) North	(c) West	(d) South-West	

- 54. A man started to walk East. After moving a distance, he turned to his right. After moving a distance, he turned to his right again. After moving a little he turned in the end to his left. In which direction was he going now.?
 - (a) North
- (b) South
- (c) East
- (d) West

ANSWERS: EXERCISE 10(A)

- **1.** (c)
- **2.** (d)
- 3. (b)
- **4.** (c)
- **5.** (b)

- **6.** (b)
- 7. (b)
- **8.** (c)
- **9.** (b)
- **10.** (d)

- **11.** (a)
- **12.** (c)
- **13.** (a)
- **14.** (d)
- **15.** (a)

- **16.** (d)
- **17.** (a)
- **18.** (d)
- **19.** (b)
- **20.** (a)

- **21.** (d)
- **22.** (b)
- **23.** (a)
- **24.** (c)
- **25.** (a)

- **26.** (b)
- **27.** (b)
- **28.** (a)
- **29.** (b)
- **30.** (b)

- **31.** (b)
- **32.** (a)
- **33.** (c)
- **34.** (c)
- **35.** (a)

- **36.** (a)
- **37.** (c)
- **38.** (c)
- **39.** (a)
- **40.** (b)

- **41.** (b)
- **42.** (c)
- **43.** (c)
- **44.** (c)
- **45.** (a)

- 46. (b)51. (b)
- 47. (a)52. (c)
- 48. (b) 53. (c)
- **49.** (b)

54. (b)

50. (b)