

Direction Sense Test Questions and Answers for Competitive Exams Pdf

Question: 1

The post office is to the east of the school while my house is to the south of the school. The market is to the north of the post office. If the distance of the market from the post office is equal to the distance of my house from the school, in which direction is the market with respect to my school?

(A) South-west

(B) North-east

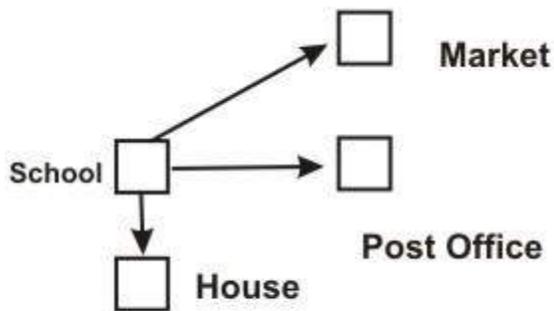
(C) North

(D) East

Ans: B

The positions of various places as shown in the diagram.

Clearly, the market is to the north east of school.



Question: 2

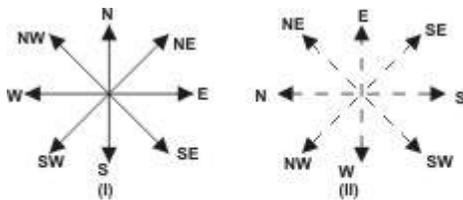
A direction pole was situated on the crossing. Due to an accident the pole turned in such a manner that the pointer which was showing East, started showing South. One traveller went to the wrong direction thinking it to be West. In what direction actually he was travelling?

- (A) North
- (B) South
- (C) East
- (D) West

Ans: B

The actual positions of the directions are as shown in (I) while the changed positions of the pointer can be described by (II).

Clearly, the direction of West shown by the pointer in wrong position (Fig. II) is actually South.



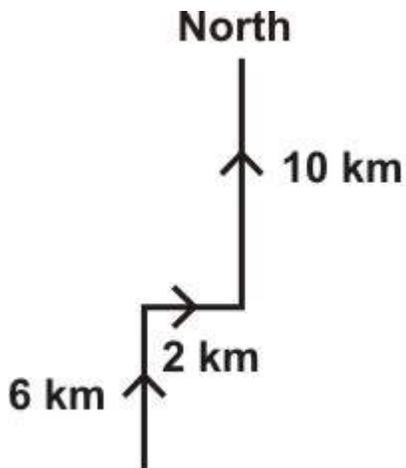
Question: 3

After walking 6 km, I turned right and covered a distance of 2 km, then turned left and covered a distance of 10 km. In the end, I was moving towards the north. From which direction did I start my journey?

- (A) North
- (B) South
- (C) East
- (D) West

Ans: B

Clearly, the route is as shown in the adjoining diagram. Thus, the man started his journey from the South and moved northwards.



Question: 4

Rasik walks 20 m North. Then he turns right and walks 30 m. Then he turns right and walks 35 m. Then he turns left and walks 15 m. Then he again turns left and walks 15 m. In which direction and how many metres away is he from his original position?

- (A) 15 metres West
- (B) 30 metres East
- (C) 30 metres West
- (D) 45 metres East

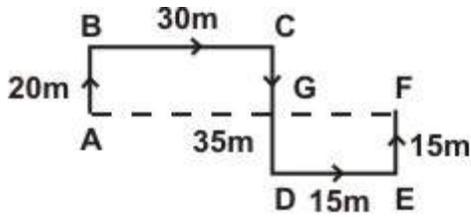
Ans: D

The movements of Rasik from A to F are as shown in Figure.

Since $CD = AB + EF$, so F lies in line with A.

Rasik's distance from original position A = AF = (AG + GF)
 = (BC + DE) = (30 + 15) m = 45 m.

Also, F lies to the east of A.



Question: 5

Laxman went 15 kms to the west from my house, then turned left and walked 20 kms. He then turned East and walked 25 kms and finally turning left covered 20 kms. How far was he from his house?

- (A) 5 kms
- (B) 10 kms
- (C) 40 kms
- (D) 80 kms

Ans: B

The movements of Laxman are as shown in Figure. Laxman's distance from his house at A = AE = (BE - BA)

$$= (CD - BA) = (25 - 15) \text{ m} = 10 \text{ m.}$$

