

## Distance And Direction Questions Overview

Distance And Direction Questions have a good weightage in the Ssc Cgl Exam and the type of question asked in Ssc Cgl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in Distance And Direction Questions.

## Comprehension On Distance And Direction Questions

Direction: Read the given information carefully and answer the following questions. Ankush walked 50 m towards the north then turned left and walked 68 m. Then he turned to the south and walked 22 m, then he took a left turn and walked 44 m. After that, he turned right and walked 18 m, and finally, he turned left and walked 48 m.

### Question On Distance And Direction

What is the shortest distance between the starting and endpoint and in which direction is Ankush from the starting point?

Difficulty : Moderate

Average Time : 51 Seconds

## Distance And Direction Questions Options

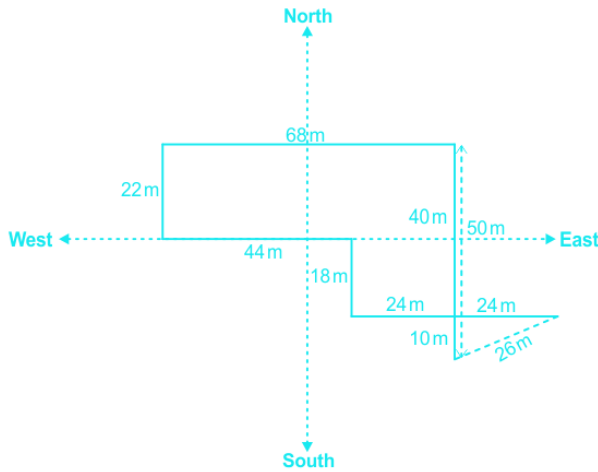
1. 25 m, Southeast
2. 26m, Southwest
3. 26 m, Northeast
4. 30 m, Northeast
5. 25 m, Northwest

## Distance And Direction Questions Solution

The correct answer is **Option 3** i.e **26 m, North-east**

Understanding

By making the diagram, we get all the directions and distances traveled by Ankush.



By applying Pythagoras theorem we get,

$$(\text{Shortest distance})^2 = (24)^2 + (10)^2$$

$$(\text{Shortest distance})^2 = 576 + 100$$

$$(\text{Shortest distance})^2 = 676$$

$$\text{Shortest distance} = 26 \text{ m}$$

The shortest distance of Ankush's starting point and final point is 26 m, and Ankush is in the northeast direction with respect to his starting point.

Hence, the correct answer is **26 m, North-east.**

## Distance And Direction Questions Tips and Tricks



1. Try to solve Distance And Direction Questions without taking any help from the solutions.
2. Distance And Direction Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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### About KD Live

KD live has an expertise in providing apt explanations for the Distance And Direction Questions since 2008. More than 10 lakh aspirants have cleared competitive exams under the guidance of Neetu Mam. Study.kdcampus.live is providing free information on various topics and for the Ssc Cgl Exam you can refer the following link [Click Here](#) however if you want to practice more questions then please refer the following link [Click Here](#).

### About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Distance And Direction Questions. She has guided her team to provide the best explanation for the question.