

Distance And Direction Questions Overview

Distance And Direction Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Distance And Direction Questions.

Distance And Direction Questions

Directions: Study the following information carefully and answer the question given below: Four poles PQRS are placed at each corner of a rectangular ground such that P is in the south of R. Q is in the south of S. Distance of PQ is 40m and the longer side is 140m. P is east of Q. Four trees TUVW are placed at each corner of another rectangular ground such that T is in the south of V and U is in the south of W. Distance of TV is 40m and the longer side is 140m. T is in the east of U. The rectangular ground of poles PQRS intersects the rectangular ground covered with trees TUVW in such a way that PR intersects TU and VW at A and B respectively. QS intersects TU and VW at C and D respectively (PA=BR = 50m similarly TA=CU = 50m).

Question

What is the direction of tree U with respect to pole R?

Difficulty : Moderate

Average Time : 71 Seconds

Options :

1. Northeast
2. Northwest
3. Southeast
4. Southwest
5. None of these

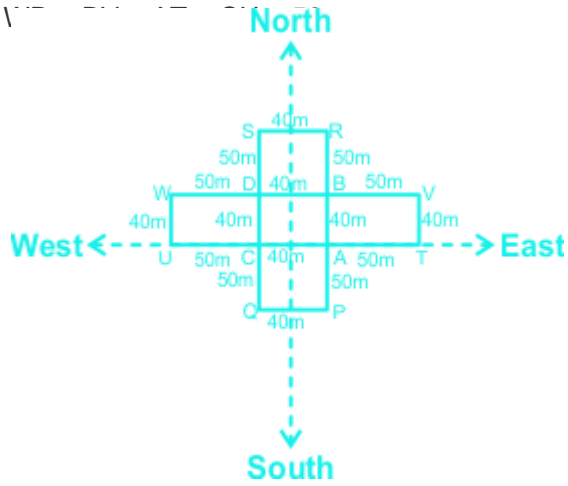
Solution

The correct answer is **Option 4** i.e **Southwest**

$$PQ = RS = UW = VT = 40m$$

$$BD = AB = AC = CD = 40m$$

PA = CQ = BR = SD = 50m



According to the above diagram, it is clear that tree U is in the southwest direction of pole R.
Hence, the correct answer is **Southwest**.

