Syllogism Questions Overview

Syllogism 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 Syllogism Questions.

Syllogism Questions

Directions: Study the following information carefully and answer the question given below: ABC is an equilateral triangular ground, point A is northeast of point B and northwest of point C. Distance between A and B is 27m. PQR is another triangular ground that has all sides equal. R is southeast of P and southwest of Q. Distance between PR is 27m. Both triangles ABC and PQR are intersects each other. PQ intersects AB and AC at X and Y respectively. PR intersects AB and BC at W and V respectively. Similarly, QR intersects AC and BC at Z and U respectively. (PX=QY similarly PW=RV) Condition: A@B means A person walks in the northeast direction from point A to B. A#B means A person walks in the southwest direction from point A to B. A%B means A person walks in the east direction from point A to B. A&B means A person walks in the west direction from point A to B. Note: If P@Q%R is given that means A person walks from point P in northeast direction and reaches point Q and then he walks in the east direction from point Q and reaches point R.

Question

If Maya enters the ground from point Q and walks 27m in the southwest direction and then walks 9m in the northwest direction. After that, she turns her left and walks 9m and then finally walks 18m in the northeast direction. At what point does she reach?
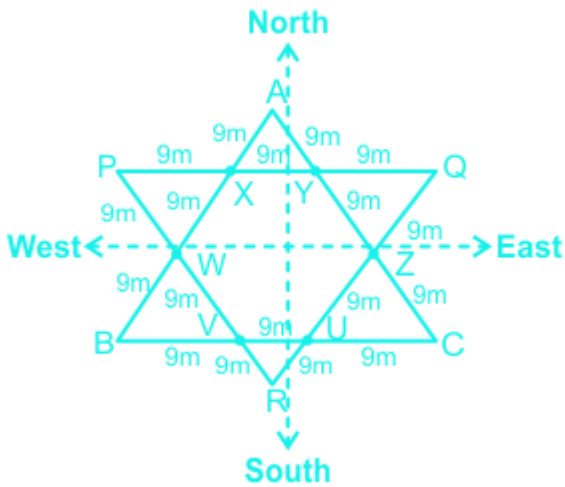
Difficulty : Moderate   **Average Time : 92 Seconds**

Options :

1. W

2. A

3. X

4. Y

5. None of these

Solution

According to the diagram, Maya enters the ground from point Q and walks 27m in the southwest direction. So, she reaches point R and then walks 9m in the northwest direction, it is clear that she reaches point V and here she turns left and reaches point B and at last, she goes in the 18m northeast direction. So, she reaches point X.

Hence, the correct answer is **X.**