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 intersect 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 the northeast direction and reaches point Q and then he walks in the east direction from point Q and reaches point R.

Question

If Priya enters at point V in the ground for running and then she runs "V%U@Q&X#B%C" and then she exits at point C. How much distance does she run?
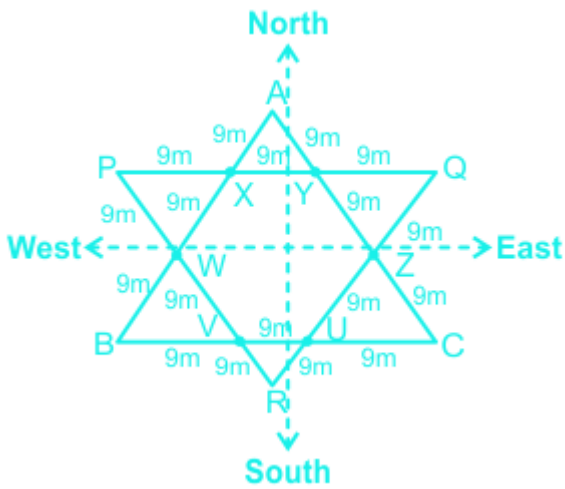
Difficulty : Moderate

Average Time : 89 Seconds

Options :
1. 100m
2. 120m
3. 90m
4. 87m
5. None of these

Solution

The correct answer is **Option 3** i.e **90m**

V%U means she runs 9m east from point V to U.

U@Q means she runs 18m northeast from point U to Q.

Q&X means she runs 18m west from point Q to X

X#B means she runs18m southwest from point X to B

B%C means she runs 27m east from point B to C

So, total distance she travels = 9+18+18+18+27=90m

Hence, the correct answer is **90m**.