

Clock Questions Overview

Clock 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 Clock Questions.

Clock Questions

Directions: Study the following information carefully and answer the question given below: ABCD are four classes of a school which is situated at four corners of a rectangular ground such that class A is in the south of class C. Class B is in the south of class D. The distance between classes AB is 120m and the longer side of the ground is 280m. class A is in the east of class B. PQRS are four offices of that school which is situated in four corners of another rectangular ground such that office P is in the south of office R and office Q is in the south of office S. Distance between the offices PR is 120m and the longer side of the ground is 280m. Office P is in the east of Q. The rectangular ground of classes ABCD intersects the rectangular ground of offices PQRS in such a way that AC intersects PQ and RS at O and X respectively. BD intersects PQ and RS at Y and Z respectively ($AO=XC$ similarly $PO=YQ$). $AO + XC = 160m$ $PO + YQ = 160m$

Question

What will be the total distance covered by a man who entered the ground from point X and then reached point Z, from there reach point Y and then exit from office Q?

Difficulty : Moderate

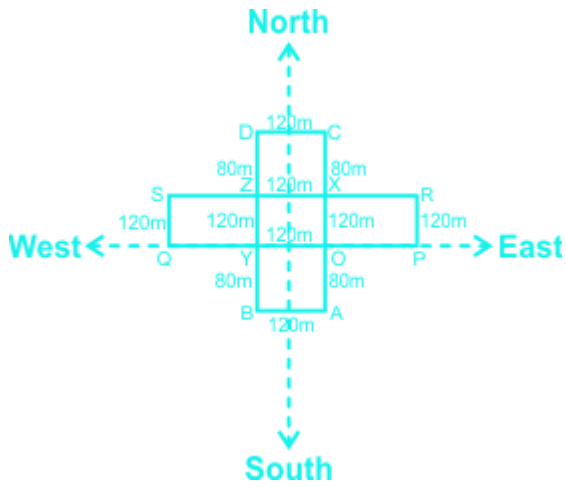
Average Time : 84 Seconds

Options :

1. 170m
2. 280m
3. 190m
4. 195m
5. 320m

Solution

The correct answer is **Option 5** i.e **320m**



According to the above diagram,

Distance between X and Z=120

Distance between Z and Y=120

Distance between Y and Q = 80

The total distance covered by the man is = $120+120+80=320\text{m}$

Hence, the correct answer is **320m**.

