

(i) A point moves on the curve in such a way that the x -coordinate is decreasing at a constant rate of 0.05 units per second. Find the rate of change of the y -coordinate when the point is at P . [2]

[illegible]

[3]

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins or other markings on the paper.