

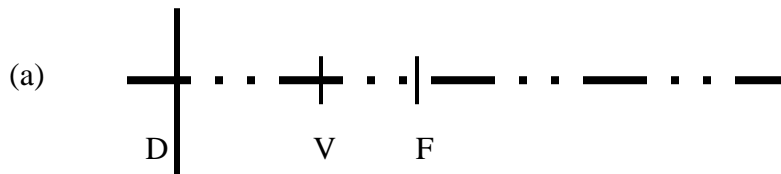
SANGAM SKM COLLEGE – NADI

YEAR 12

TECHNICAL DRAWING

WORKSHEET : 5

Question 1: Conic Section



Calculate the eccentricity of the above setup and name the conic section that will be produced.

Eccentricity

Conic Name: _____

(b) Draw free hand sketches of sections produced by the given conics:

(i) Ellipse:

(ii) Parabola:

(iii) Hyperbola

Question 2: Cams

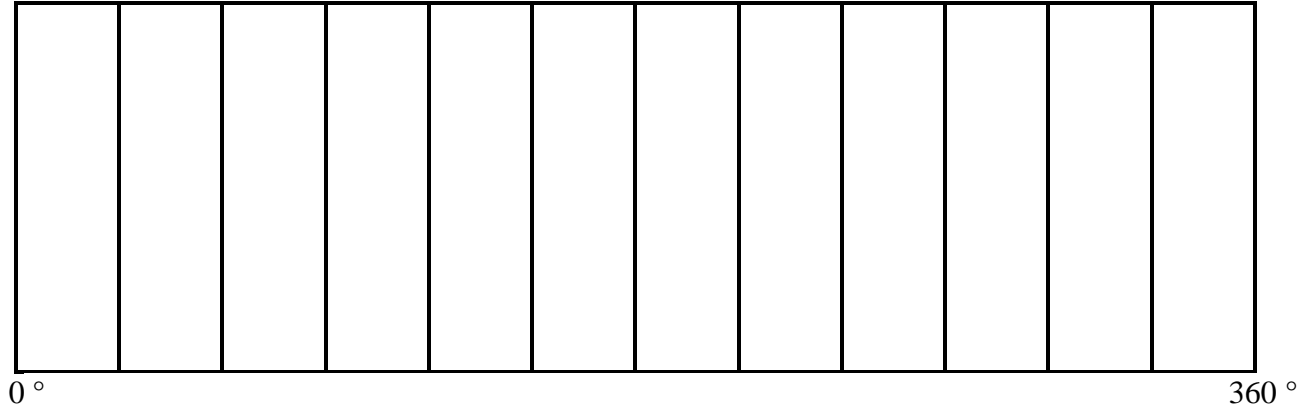
Given: The data and the outline provided below.

Required: Draw the CAM:

DATA

0 ° To 180 °: Uniform Velocity

180 ° To 360 °: Simple Harmonic Motion



Question 3 Conic Section

Given: A Cylindrical Pipe X and Square Pipe Y

Required: Complete the Plan and draw the Line of Intersection.

