



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

Faculty of Engineering & Technology

DEPARTMENT OF CIVIL AND BUILDING ENGINEERING

CERTIFICATE IN ARCHITECTURE (CA 09)

DIPLOMA IN ARCHITECTURE (DA 10)

END OF SEMESTER I EXAMINATIONS

APRIL/MAY 2010 SERIES

ARCHITECTURAL COMMUNICATION

TIME: 3 HOURS

Instructions to Candidates

You should have the following for this examination:

- Answer Booklet
- Drawing Instruments
- Drawing paper

This paper consists of **THREE** Questions.

Answer **ALL** Questions.

Question ONE

Construct **THREE** ellipses, choosing major axis and minor axis.
Use 3 methods:

- (a) Concentric circles
- (b) Intersecting lines
- (c) Approx. quadrants

(33 $\frac{1}{3}$ Marks)

Question TWO

Construct the following conic sections:

- (a) Hyperbola of ecc 1:1
- (b) Parabola of ecc 2:1
- (c) Ellipse 1:2

(33 $\frac{1}{3}$ Marks)

Question THREE

Construct **THREE** ellipses of ecc 1:2, 3:4 and 4:3

Choose directrix and horizontal axis.

(33 $\frac{1}{3}$ Marks)