



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

(A Centre of Excellence)

Faculty of Engineering & Technology

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

DIPLOMA IN ARCHITECTURE (DA 12S)

EBC 2101: ARCHITECTURAL COMMUNICATION I

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: FEBRUARY 2013

TIME: 3 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consists of **THREE** questions. Answer **ALL** questions

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One

Using horizontal and directrix plot:

- a) Ellipse 1:2 eccentricity
- b) Ellipse 3:4 eccentricity
- c) Parabola 2:2 eccentricity

(33 1/3 marks)

Question Two

Construct 2 ellipses by 2 methods other than by eccentricity.

(33 1/3 marks)

Question Three

Using suitable dimensions, construct the ... of a point around:

- a) Sq block
- b) Equilateral triangle block

(33 1/3 marks)