



TECHNICAL UNIVERSITY OF MOMBASA
**Faculty of Engineering &
Technology**

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

DIPLOMA IN ARCHITECTURE (DA 12J)

EBC 2101: ENGINEERING DRAWING

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: FEBRUARY 2013

TIME: 2 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

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One

Using horizontal axis and dimensions plot:

- a) Eclipse eccentricity 1:2
- b) Eclipse eccentricity 3:4

(33 1/3 marks)

Question Two

Construct 2 eclipse by following methods.

- a) Concentric circles
- b) Intersecting lines

(33 1/3 marks)

Question Three

Using suitable dimensions, construct involutes of a pt. around

- a) Sq. block
- b) Equilateral triangle

(33 1/3 marks)