



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 2102: ARCHITECTURAL COMMUNICATION I

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 2012

TIME: 3 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Answer any **THREE** questions

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One

State the following used in Architectural drawing:

- (i) 11 instruments
 - (ii) 4 materials
- (33 1/3 marks)**

Question Two

Choosing suitable dimensions construct the following:

- (i) Square
 - (ii) Rectangle
 - (iii) Parallelogram
 - (iv) Isosceles triangle
 - (v) Equilateral triangle
 - (vi) Scalene triangle
- (33 1/3 marks)**

Question Three

Choosing suitable radii construct the following polygons with inscribed and e-scribed circles:

- a) Pentagon
 - b) Hexagon
 - c) Decagon
- (33 1/3 marks)**

Question Four

Using horizontal axis and directrix plot:

- (i) Ellipse 1:2 eccent
 - (ii) Ellipse 3:4 eccent
- (33 ½ marks)**