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

<u>**Instructions to Candidates:**</u>
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)**