



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 12M)

EBC 2525: ARCHITECTURE COMMUNICATION

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2012

TIME: 3 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*
- *Drawing paper and drawing instruments*

This paper consists of **FOUR** questions.

Answer any **THREE** questions. Each question carries 33 1/3 marks

This paper consists of **TWO** printed pages

Question One (33 ½ marks)

- a) State **SIX** drawing instruments, **FOUR** materials used in Architecture communication.
- b) Explain paper sizes, care of drawing paper and sizes.
- c) Explain care, handling and storage, retrieval of Musical instruments.

Question Two (33 ½ marks)

Construct the following:

- i) Square sides 100mm
- ii) Rectangle sides 100, 150mm
- iii) Parallelogram sides 150, 70 angle 60
- iv) Equilateral triangle choose sides dimension
- v) Isosceles triangle choose base and angles.
- vi) Scalene triangle choose sides and unequal angles.

Question Three(33 ½ marks)

Construct **THREE** polygons units inscribed, e-scribed circles, choose radii.

Question Four (33 ½ marks)

Plot:

- i) Parabola ecc 1:1
- ii) Hyperbola ecc 2: