



**THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

**(A Constituent College of JKUAT)**

(A Centre of Excellence)

# **Faculty of Engineering & Technology**

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

**CERTIFICATE IN BUILDING CONSTRUCTION I**

EBC 1131: ENGINEERING DRAWING I

**END OF SEMESTER EXAMINATION**

**SERIES: AUGUST 2012**

**TIME: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Answer all questions  
Maximum marks for each part of a question are as shown  
This paper consists of **TWO** printed pages

**Question One (10 marks)**

Show by sketches **FIVE** types of lines used in technical drawing. **(10 marks)**

**Question Two (15 marks)**

Dimension lines are drawn parallel to the sections whose lengths are indicated. Show **FIVE** types of each. **(15 marks)**

**Question Three (15 marks)**

State **THREE** types of standard scales used in engineering drawing giving examples of each. **(15 marks)**

**Question Four (10 marks)**

Indicate **FOUR** appropriate standard sizes in mm of capital letters in height and width. **(10 marks)**

**Question Five (20 marks)**

Show by sketches conventional indication of the following:

- i) Earth
- ii) Hardcore
- iii) Concrete
- iv) Stone
- v) Plaster

**(20 marks)**