



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

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

UNIVERSITY EXAMINATION FOR DECREE IN:

**BACHELOR OF SCIENCE IN CIVIL ENGINEERING (BSCE 13S)**

ECE 2216: ENGINEERING DRAWING IV

**END OF SEMESTER EXAMINATION**

SERIES: APRIL 2015

**TIME ALLOWED: 3 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*
- *Pocket Calculator*

This paper consists of **FIVE** questions. Answer question **ONE (COMPULSORY)** and any other **TWO** questions

Maximum marks for each part of a question are as shown

Use neat, large and well labeled diagrams where required

This paper consists of **TWO** printed pages

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Figure 1 shows a middle cast 2- bedroom house in Nyali

**Question One (Compulsory)**

Draw ground floor and upper floor plans scale 1:50 (20 marks)

**Question Two**

Draw section through flight of steps and label all construction of house scale 1:50 (20 marks)

**Question Three**

Draw front and back elevation, scale 1:50 (20 marks)

**Question Four**

Draw 2 side elevations, scale 1:50 (20 marks)

**Question Five**

Draw isometric projection of house front view

**(20 marks)**