TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

DIPLOMA IN ARCHITECTURE (DA 13M)

EAR 2101: ARCHITECTURAL COMMUNICATION I

SPECIAL/SUPPLEMENTARY EXAMINATION
SERIES: OCTOBER 2013
TIME ALLOWED: 2 HOURS

Instructions to Candidates:
You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions.
Answer question **ONE** and any other **TWO** questions
Maximum marks for each part of a question are as shown
This paper consists of **THREE** printed pages

Question One

Draw the object shown in figure 1 as an:

a) Isometric projection **(5 marks)**
b) Oblique projection **(5 marks)**
c) Axonometric projection **(5 marks)**
d) One-point perspective projection **(5 marks)**

Question Two

a) Illustrate FIVE different types of lines and explain what they are used to shown in an architectural drawing

b) Draw a 100mm long segment to show how each of the lines identified in a above are graphically presented in a drawing **(10 marks)**

Question Three

Draw the SIX principal orthographic views of the object shown in figure 2 in:

a) First angle orthographic projection **(10 marks)**
b) Third angle orthographic projection **(10 marks)**

Question Four

Draw the oblique projection of the object shown in orthographic projection in figure 3. **(20 marks)**

Question Five

Draw the object shown in figure 4 using the following scales:

(i) 1:100 **(10 marks)**
(ii) 1:50 **(10 marks)**