



## TECHNICAL UNIVERSITY OF MOMBASA

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FACULTY OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF BUILDING & CIVIL ENGINEERING

**UNIVERSITY EXAMINATION FOR:**

DIPLOMA IN ARCHITECTURE

EAR 2101: ARCHITECTURAL COMMUNICATION I

END OF SEMESTER EXAMINATION

**SERIES:** DECEMBER 2016

**TIME:** 2 HOURS

**DATE:** 22 Dec 2016

**Instructions to Candidates**

You should have the following for this examination

*-Answer Booklet, examination pass and student ID*

*-Drawing instruments.*

*-Scientific calculator*

This paper consists of five questions.

Attempt ALL questions.

**Do not write on the question paper.**

### **QUESTION ONE**

State 10 instruments used in architectural drawing

**(20 marks)**

### **QUESTION TWO**

State

- i. 4 paper sizes used
- ii. 4 methods of making copies (printing)

**(20 marks)**

### **QUESTION THREE**

Construct the following using suitable dimensions

- i. Rectangle
- ii. Square
- iii. Parallelogram

**(20 marks)**

### **QUESTION FOUR**

Construct the following using suitable dimensions, with inscribed e-scribed circles

- i. Square
- ii. Pentagon
- iii. Hexagon
- iv. Octagon

**(20 marks)**

### **QUESTION FIVE**

Construct 2 ellipses of suitable sizes

- i. Concentric circles method
- ii. Intersecting lines

**(20 marks)**