



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

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

DIPLOMA IN ARCHITECTURE (DA 13M)

EAR 2103: ARCHITECTURAL DESIGN I

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: MARCH 2014

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 **TWO** printed pages

Question One

Identify **FIVE** key role players that are involved in design and supervision of building projects and state their responsibilities **(20 marks)**

Question Two

Describe the work that is undertaken by an architect in the five stages of the architectural process as prescribed by chapter 525-laws of Kenya. **(20 marks)**

Question Three

Explain **FIVE** site parameters that an architect must analyze before undertaking design of a building project. **(20 marks)**

Question Four

Define the following elements of design and explain how they are used to create good compositions.

- (i) Line
- (ii) Shape
- (iii) Colour
- (iv) Texture
- (v) Form

(20 marks)

Question Five

State the main departments in municipal/county authorities involved in the approval of construction drawing and explain what each department deals with. **(20 marks)**