



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

DEPARTMENT OF BUILDING & CIVIL ENGINEERING
DIPLOMA IN ARCHITECTURE (DA 12J)

EAR 2102: HISTORY & THEORY OF ARCHITECTURE I

END OF SEMESTER EXAMINATION
SERIES: DECEMBER 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 any **THREE** questions of the **FIVE** questions

All questions carry equal marks
Maximum marks for each part of a question are as shown
Use neat, large and well labeled diagrams
This paper consists of **TWO** printed pages

Question One

- a) List:
- (i) The **THREE** aspects which Western Architecture is based on **(1 ½ marks)**
 - (ii) The **SIX** parameters which define non-western architecture **(3 ½ marks)**
- b) Give an account of the **SIX** parameters in (a) (ii) above **(12 marks)**
- c) Identify **TWO** factors that have made traditional architecture to undergo changes **(3 marks)**

Question Two

Discuss the Masai and their concept of place under the following sub-headings

- a) Background **(3 marks)**
- b) Society **(3 marks)**
- c) Cosmology and Mythology **(3 marks)**
- d) Settlement **(3 marks)**
- e) Dwelling unit **(8 marks)**

Question Three

- a) Give an account of the Greek as a society during the ancient times **(5 marks)**
- b) Explain the Greek people in context with their religion **(3 marks)**
- c) Discuss the Greek Architecture development **(12 marks)**

Question Four

- a) Explain the following with regard to the Greek Orders:
- (i) Orders **(2 marks)**
 - (ii) Embellishment **(2 marks)**
 - (iii) Doric **(2 marks)**
 - (iv) Ionic **(2 marks)**
- b) Discuss the Greek sites and landscapes **(12 marks)**

Question Five

Discuss the Gothic Architecture under the following sub-titles:

- a) Society and culture **(6 marks)**
- b) Architectural development **(6 marks)**
- c) The cathedral **(8 marks)**