



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

DEPARTMENT OF BUILDING & CIVIL ENGINEERING
DIPLOMA IN ARCHITECTURE (DA 13S)

EAR 2107: HISTORY & THEORY OF ARCHITECTURE II

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

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 the **THREE** parameters on which Western Architecture is based as identified by Paulum Vitruvius. **(1 ½ marks)**
- b) The Non-Western Architecture has played an important role in influencing the Western Architecture which is prominent the world over:
(i) Enumerate **SEVEN** factors that define the Non-Western Architecture. **(3 ½ marks)**
(ii) Discuss **FIVE** of the factors in (i) above **(15 marks)**

Question Two

Describe the myth of the Dogon with regard to:

- a) Anthropomorphism **(10 marks)**
b) Territoriality **(3 marks)**
c) Village **(5 marks)**
d) Plan of a house **(2 marks)**

Question Three

- a) Hierarchy guides spatial organization in Architecture. Explain how it is applied by the Maasai in their:
(i) Ordinary settlement **(4 marks)**
(ii) Dwelling unit **(6 marks)**
- b) Give an account of the Maasai under the following sub-titles:
(i) Artefacts **(7 marks)**
(ii) Background **(3 marks)**

Question Four

- a) Identify the factors that led to the growth of the Gothic Empire. **(3 marks)**
- b) Distinguish the “three estates” that were entailed in the feudal system of the Gothic Society and Culture. **(3 marks)**
- c) Describe the characteristics and development of the Cathedral in Gothic Architecture. **(14 marks)**

Question Five

With regard to the Greek Architecture, discuss the following sub-headings:

- a) Architectural development **(7 marks)**
b) The Greek Orders **(7 marks)**
c) Sites and landscape **(6 marks)**