



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

UNIVERSITY EXAMINATION FOR:

DIPLOMA OF ARCHITECTURE

EAR 2102: HISTORY AND THEORY OF ARCHITECTURE I

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: SEPTEMBER 2018

TIME: 2HOURS

DATE: Pick Date Sep 2018

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt any **THREE** questions.

Do not write on the question paper.

QUESTION ONE

The general aspects of MAGNITUDE are SCALE, SETTING and TIME. Explain. (20 Marks)

QUESTION TWO

Describe the utilization of a Linear Vertical Element in defining an architectural space (20 Marks)

QUESTION THREE

Explain how the following cultural traits and attributes informed building typologies in an African traditional setting

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|--------------------------|-----------|
| a) Domestic routine | (5 Marks) |
| b) Economy | (5 Marks) |
| c) Family type and cycle | (5 Marks) |
| d) Food | (5 Marks) |

QUESTION FOUR

- a) List FIVE ordering principles (5 Marks)
- b) Explain the conceptual meaning of using the VERTICAL line in architectural design (15 Marks)

QUESTION FIVE

Explain the following spatial organizations

- a) Centralized organization (10 Marks)
- b) Linear organization (10 Marks)