



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ARCHITECTURE & BUILT ENVIRONMENT

UNIVERSITY EXAMINATION FOR:
BACHELOR OF ARCHITECTURAL STUDIES/BACHELOR OF
ARCHITECTURE

EAR 4107: HISTORY AND THEORY OF ARCHITECTURE II
END OF SEMESTER EXAMINATION
YEAR ONE SEMESTER II

SERIES: MAY 2025

TIME: 2 HOURS

DATE: May 2025

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 question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

QUESTION ONE (30 MARKS)-COMPULSORY

(a) Explain the Industrial Revolution in terms of:

- (i) its inventions (10 marks)
- (ii) its impact on architecture (10 marks)

(b) With the aid of sketches:

- (i) explain the THREE Greek classical column orders (6 marks)
- (ii) explain the TWO new column orders by the Romans (4 marks)

QUESTION TWO (20 MARKS)

(a) The Roman Civilisation was gifted with engineering skills. Roman architecture is a result of these engineering feats. Describe FIVE infrastructure types that the Romans invented (10 marks)

(b) With the aid of sketches, explain FIVE characteristics of Rococo architecture (10 marks)

QUESTION THREE (20 MARKS)

(a) Discuss FIVE distinct features of Renaissance architecture (10 marks)

(b) Explain FIVE distinct features of Baroque architecture (10 marks)

QUESTION FOUR (20 MARKS)

(a) Explain FIVE characteristics of Byzantine architecture (10 marks)

(b) Explain FIVE characteristics of Neoclassical architecture (10 marks)

QUESTION FIVE (20 MARKS)

With the aid of sketches, discuss FIVE characteristics of Gothic architecture in terms of its structural elements and decorative elements (20 marks)