



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 4303: ARCHITECTURAL CONSERVATION I
END OF SEMESTER EXAMINATION
YEAR THREE SEMESTER I
SERIES: DECEMBER 2024
TIME: 2 HOURS
DATE: December 2024

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) Define the following terms:

- (i) Architectural Conservation (2 marks)
- (ii) Anastylis (2 marks)
- (iii) Values (2 marks)
- (iv) Authenticity (2 marks)
- (v) Maintenance (2 marks)

(b) There are SIX historical stages. Name and discuss FIVE of these stages (20 marks)

QUESTION TWO (20 MARKS)

(a) Define the following terms:

- i. Integrated Urban Conservation (2 marks)
- ii. Historic Urban Landscape (2 marks)
- iii. Urban Renewal (2 marks)
- iv. Cultural Heritage Tourism (2 marks)
- v. Visitor Management Plan (2 marks)

(b) Name FIVE International Charters on architectural conservation (5 marks)

(c) Name FIVE causes of building decay (5 marks)

QUESTION THREE (20 MARKS)

(a) With the aid of examples, explain the difference between Tangible and Intangible cultural heritage (5 marks)

(a) Name FIVE diagnostic equipment used in a condition survey of a historic building or monument (5 marks)

(b) List FIVE World Heritage sites in Kenya and categorise them as either natural or cultural sites (10 marks)

QUESTION FOUR (20 MARKS)

(a) Name and discuss TWO work qualities of FIVE Conservation professionals involved in conservation work who would otherwise not be involved in normal construction work (10 marks)

(b) Give FOUR reasons why a Conservation Architect should not use cement in place of lime for mortars (10 marks)

QUESTION FIVE (20 MARKS)

(a) There are many characteristics or common factors of cultural landscapes. Elaborate TWO of these characteristics or common factors (10 marks)

(b) Discuss FIVE qualities of the Historic Urban Landscape Approach (10 marks)