



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 4407: URBAN DESIGN

SUPPLEMENTARY AND SPECIAL EXAMINATION

YEAR FOUR; SEMESTER II

SERIES: NOVEMBER 2024

TIME: 2 HOURS

DATE: November, 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) Citing examples distinguish between any **TWO** 21st Century City Concepts. (6 marks)
- b) Explain the objectives of citywide policies and guidelines that seek to implement urban design initiatives throughout the community. (10 marks)
- c) Distinguish between urban space and open space. (4 marks)
- d) Explain the criteria of determining the success of a streetscape design. (10 marks)

QUESTION TWO (20 MARKS)

Discuss any **FOUR** principles of creating and shaping cities, town and/or urban environment. (20marks)

QUESTION THREE (20 MARKS)

With the aid of sketches discuss the typical shape or spatial configuration and appearance of urban areas. (20 marks)

QUESTION FOUR (20 MARKS)

The Class has been tasked to undertake a Visual Survey of Voi Town. Explain any **FIVE** components of this visual survey. (20 marks)

QUESTION FIVE (20 MARKS)

You have been approached to design a mixed-use urban development on a 500 Acre piece of land in Vipingo, Kilifi. Discuss any **FIVE** design details that need to be incorporated. (20 marks)