



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ARCHITECTURE & BUILT ENVIRONMENT
UNIVERSITY EXAMINATION FOR:
BACHELOR OF ARCHITECTURE
EAR 4503: HUMAN SETTLEMENTS
END OF SEMESTER EXAMINATION
YEAR FIVE SEMESTER ONE
SERIES: AUGUST 2024
TIME: 2 HOURS
DATE: ~~Pick Date~~ AUGUST 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) Describe the following terminologies. (10 marks)
 - i. Housing (2 marks)
 - ii. Situation of a settlement (2 marks)
 - iii. Zoning (2 marks)
 - iv. Population Density (2 marks)
 - v. Settlement (2 marks)

- b) The structure and growth of urban centres varies from region to region and is often influenced by numerous social and physiological factors. Towns can however be classified with reference to the stages of their growth. Describe FIVE key stages based on this classification. (10 marks)

- c) Knowledge garnered from the study of human settlements has played an important role to the society. Explain the significance of studying human settlements. (10 marks)

QUESTION TWO (20 MARKS)

Early key civilizations had notable similar physical features that engendered their growth. Explain FIVE key physiological features that aided the development of early civilizations.

QUESTION THREE (20 MARKS)

One of the ways of classifying settlements is basing it on spatial distance between the dwellings. With the aid of sketches and examples, explain FIVE types of settlements based on spatial distance.

QUESTION FOUR (20 MARKS)

Land use planning is an integral part of urban governance and has a great effect on human settlements. With the aid of appropriate examples, explain the land-use planning process.

QUESTION FIVE (20 MARKS)

Various spatial organization concepts have been postulated to explain the structure of cities. Explain the Concentric model.