



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 4403: URBAN AND REGIONAL PLANNING
END OF SEMESTER EXAMINATION
YEAR THREE SEMESTER II
SERIES: JULY 2025
TIME: 2 HOURS
DATE: July 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.

Start every question on a new page

Do not write on the question paper.

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Describe the following;
 - i. Physical Planning (4 marks)
 - ii. Economic Planning (3 marks)
 - iii. Regional Planning (3 marks)
- b) 'Planning is inevitably a political activity'. Discuss. (20 Marks)

QUESTION TWO (20 MARKS)

- a) Describe urban spatial structure (6 marks)
- b) Explain the Multiple-nuclei Concept of spatial organization of urban areas (14 marks)

QUESTION THREE (20 MARKS)

The urban spatial structure is a conjunctive outcome of the functioning of market and political processes. Market processes providing the means by which individuals, households, firms and institutions pursue their self-interests. Political processes

providing the means by which government articulates and pursues the common interests. Describe **Efficiency and Energy Conservation** as an element of public interest (20 Marks)

Marks)

QUESTION FOUR (20 MARKS)

Different approaches to planning have been applied in the country with mixed results. Provide a critique of the Rational Planning Model (20 Marks)

QUESTION FIVE (20 MARKS)

The Njonjo Commission Report on Land, 2002 observed that for indigenous Kenyans, land has an important spiritual value, for it is not merely a factor of production; it is first and foremost the medium which defines and binds together social and spiritual relations within and across generations. The Report went on to state that "Land belongs to a vast family of which many are dead, few are living, and countless members are still unborn". Discuss these observations in reference to land use planning (20 marks)