



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ARCHITECTURE & BUILT ENVIRONMENT
UNIVERSITY EXAMINATION FOR:
DIPLOMA IN ARCHITECTURE
EAR 2210: BUILDING ECONOMICS
SPECIAL AND SUPPLEMENTARY EXAMINATION
YEAR TWO SEMESTER TWO
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.

Do not write on the question paper.

No mobile phones allowed in the exam room

QUESTION ONE (20 MARKS)-COMPULSORY

Explain THREE main cost planning activities under each of the following stages of cost planning:

- a) Feasibility stage (6 marks)
- b) Outline proposal stage (8 marks)
- c) Production information stage (6 marks)

QUESTION TWO (20 MARKS)

Discuss FIVE methods of approximate estimating used in the construction industry in Kenya.

QUESTION THREE (20 MARKS)

Explain FIVE main reasons that shows the need for cost control in construction industry.

QUESTION FOUR (20 MARKS)

Explain FIVE factors that affect cost during design and FIVE factors that affect cost during construction stage.

QUESTION FIVE (20 MARKS)

Explain the following terminologies as used in cost control

- a) Cost target (4 marks)
- b) Contingency cost (4 marks)
- c) Cost control (4 marks)
- d) Approximate estimating (4 marks)
- e) Cost limit (4 marks)