



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ARCHITECTURE & BUILT ENVIRONMENT
UNIVERSITY EXAMINATION FOR:
DIPLOMA IN QUANTITY SURVEYING
EQS 2209: INTRODUCTION TO QUANTITY SURVEYING
END OF SEMESTER EXAMINATION
YEAR ONE SEMESTER I
SERIES: AUG2024
TIME: 2 HOURS
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

Explain the following:

a) Role of Government in the construction industry (10marks)

b) Nature of the construction industry (10 marks)

c) Phases of design process (10marks)

QUESTION TWO (15 MARKS)

a) Using illustrations, explain the Concept of Centre Line and its usefulness in the measurement process (10marks)

b) Given a parcel of land is segment-shaped with a chord measuring 68.9-metres long; and a segment height of 27.6-metres. Ascertain the area of the parcel of land in acres (5marks)

QUESTION THREE (15 MARKS)

a) Explain Prime Cost sums (6marks)

b) Illustrate three examples of Prime Cost sums (9marks)

QUESTION FOUR (15 MARKS)

Explain the post-contract roles of a Quantity Surveyor in a typical building and civil engineering project.

QUESTION FIVE (15 MARKS)

Explain the genesis and development of the main contractor phenomenon as we know it today in the construction industry.