

TECHNICAL



UNIVERSITY OF

MOMBASA

SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF BUILDING & CIVIL ENGINEERING
UNIVERSITY EXAMINATION FOR:

CERTIFICATE IN BUILDING AND CIVIL ENGINEERING

EBC 1205 : BUILDING TECHNOLOGY 11

END OF SEMESTER EXAMINATION
SERIES: AUGUST 2024
TIME: 2 HOURS

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 any **THREE** questions.

Do not write on the question paper.

QUESTION ONE

1. What is a suspended ceiling?

With a well labelled diagram describe the components of a suspended ceiling.

(10marks)

2. What is Dry lining Fixing?

Outline and Describe in detail Four Benefits of dry lining fixing

(10 marks)

QUESTION TWO

1. Describe a wall
2. What is a masonry wall?
3. Describe in detail FIVE types of Masonry walls

(20 marks)

QUESTION THREE

1. With the aid of a diagram Explain the 3:4:5 method of setting out

(10 marks)

2. Describe demolition and the main methods of demolition in detail

(10 marks)

QUESTION FOUR

1. With the aid of Describe a profile board and its functions in a building site

(10 marks)

2. We have two main methods of Excavation Outline and describe the methods as used in civil works

(10 marks)

QUESTION FIVE

Describe in detail the terms below

1. Site investigation
2. Dewatering
3. Setting out
4. Leveling
5. Flue

(20 marks)