

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

SPECIAL/SUPPLEMENTARY EXAMINATION
SERIES: NOVEMBER 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. Paint failure is a common defect in the construction industry Describe in detail the failures below
 - a) Saponification
 - b) Mildew
 - c) Checking
 - d) Flaking
 - e) Sagging
2. What are the common causes of chimney failures

(20 arks)

QUESTION TWO

Define a fireplace and Chimney. With the aid of a diagram describe parts of a chimney.

(20 marks)

QUESTION THREE

With the aid of a diagram, Explain in detail the components of formwork

(20 marks)

QUESTION FOUR

1. Outline FIVE purposes of site clearance.

(10marks)

2. Define a curtain wall. Discuss five functions of a curtain wall

(10 marks)

QUESTION FIVE

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)