



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF ENGINEERING AND TECHNOLOGY

Department of BUILDING & Civil engineering

UNIVERSITY EXAMINATION FOR:

DIPLOMA IN CIVIL ENGINEERING

DCE 2312 : CONSTRUCTION MANAGEMENT II

SPECIAL/ SUPPLEMENTARY EXAMINATION

SERIES: JULY 2025

TIME: 2 HOURS

Instructions to Candidates

You should have the following for this examination

-Answer Booklet and student ID

This paper consists of **five** questions.

Attempt any **THREE** questions.

Do not write on the question paper.

QUESTION ONE

- a). Define the term construction [2marks]
- b). State any **THREE** problems that a Project Manager may encounter during construction of a project [3marks]
- c). State **FIVE** physical natures of construction projects [5marks]
- d). Explain the term Infrastructure development [5marks]
- e). Briefly explain the execution Phase of a project [5marks]

QUESTION TWO

- a). State **FIVE** advantages of work study [5marks]
- b). Briefly explain **TWO** techniques used in method study (4marks)

- c). State **FIVE** measures taken to ensure timely completion of projects [5marks]
- d). Briefly discuss project risk management [6marks]

QUESTION THREE

- a). Briefly explain scope of work study [5marks]
- b). Highlight **FIVE** reasons for work measurement [5marks]
- c). State **THREE** techniques of work measurement [3marks]
- d). State **FOUR** essentials of a valid contract [4marks]
- e). Briefly describe the project procurement management [3marks]

QUESTION FOUR

- a). Sketch a diagram to show the structure and hierarchy of courts in Kenya [10marks]
- b). Explain **THREE** objectives of a tort [6marks]
- c). Define the following terms as used in law
- Arbitration
 - Mortgage [4marks]

- d). State **TWO** functions of law [2marks]
- c). State **TWO** factors that make a contract null and void [2marks]

QUESTION FIVE

- a). State **FOUR** functions of Human Resource Management [4marks]
- b). i Explain the following documents
- Petty cash book
 - Final accounts
 - Memorandum [6marks]

- c). Describe the procedure followed during the purchase of construction materials to a construction site, naming all documents used

[10marks]