



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Engineering and Technology

Department of BUILDING & Civil engineering

UNIVERSITY EXAMINATION FOR:

CERTIFICATE IN BUILDING AND CIVIL ENGINEERING

EBC 1202 : QUANTITY SURVEY II

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2024 Choose hours

2 HOURS

DATE: Pick Date AUGUST 2024

Instructions to Candidates

You should have the following for this examination

- *Answer Booklet, examination pass and student ID*

- *Pocket calculator*

- *CESMM*

This paper consists of **FIVE** questions. Attempt any **THREE** questions.

Do not write on the question paper.

Mobile phones are not allowed in the examination room.

QUESTION ONE

Describe the following terms as applied to building works

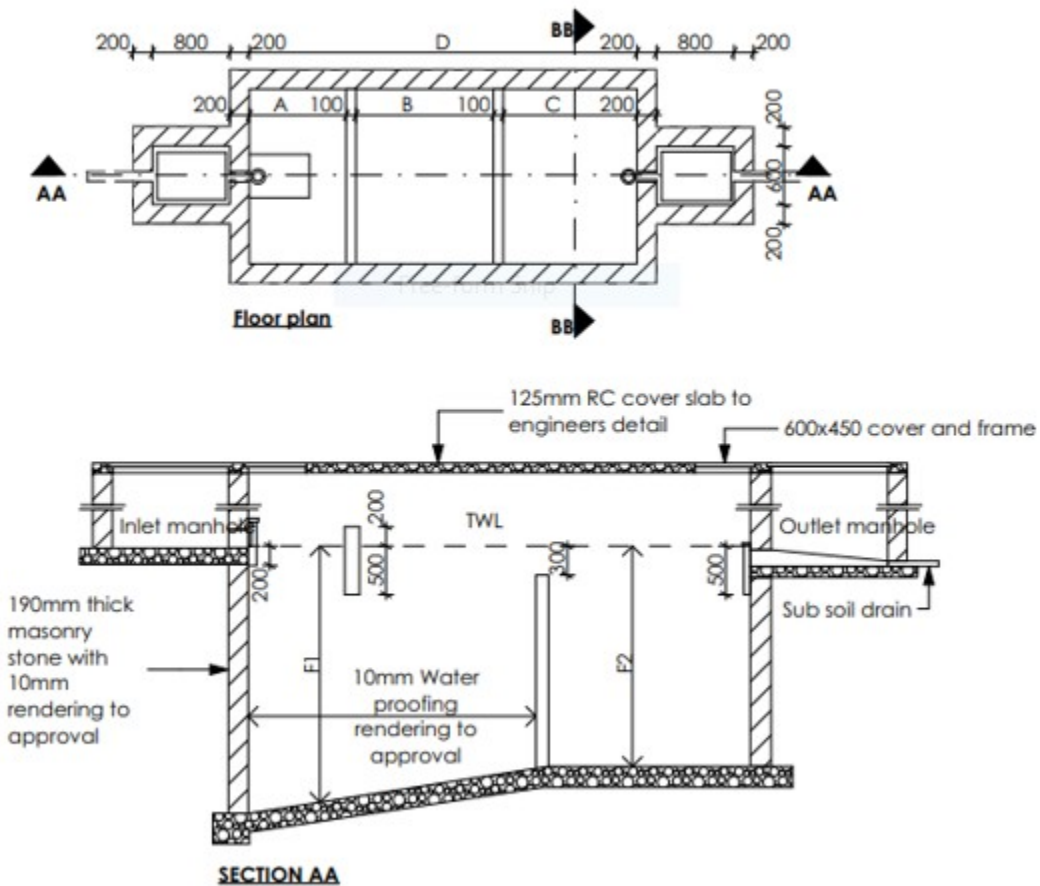
- a) Preambles
- b) Protection clauses
- c) Prime cost sums
- d) Provisional sums

(20 marks)

QUESTION TWO

Take off all quantities for the septic tank shown in drawing below

(uses CESMM)



(20 marks)

QUESTION THREE

Highlight **five** duties of a professional quantity surveyor in a construction site.

(10 marks)

Give five comparisons between Building and Civil Engineering Standard Methods of Measurements (SMM)

(10 marks)

(20 marks)

QUESTION FOUR

Explain the following

- a) Penultment payment certificates
- b) Retention money
- c) The significant of final payments certificate

(12 marks)

Outline four methods of valuing variations

(8 marks)

(20 marks)

QUESTION FIVE

Describe the following terms as applied to measurements of building works

- a) Contingency sums
- b) Adjustment items
- c) Bulk Extra Provisional sums
- d) Prime cost sums

(20 marks)

