



TECHNICAL UNIVERSITY OF MOMBASA
**Faculty of Engineering &
Technology**

DEPARTMENT OF BUILDING & CIVIL ENGINEERING
CERTIFICATE IN BUILDING & CIVIL ENGINEERING (CBCE 13S)

EBC 1202: QUANTITY SURVEY II

END OF SEMESTER EXAMINATION

SERIES: APRIL 2014

TIME ALLOWED: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer booklet*

This paper consists of **FIVE** questions. Answer any **THREE** questions of the **FIVE** questions

All questions carry equal marks

Maximum marks for each part of a question are as shown
This paper consists of **TWO** printed pages

Question One

- a) State TWO objectives of Bill of Quantities. **(4 marks)**
- b) Outline FOUR work classifications by using civil engineering standard method of measurement in attaining B/Q objectives. **(8 marks)**
- c) Give FOUR comparison between civil engineering and building methods of measurement. **(8 marks)**

Question Two

Outline the direction to tenderers of civil engineering construction works. **(20 marks)**

Question Three

Explain the following terms as used in the preparation of Bills of Quantities for Civil Engineering Works:

- a) Preambles **(10 marks)**
- b) Preliminaries bill **(10 marks)**

Question Four

- a) Explain what a dimension paper is using illustrations. **(16 marks)**
- b) Outline the entering of dimensions in the dimension paper. **(4 marks)**

Question Five

- a) Outline timbeting in the dimension paper. **(10 marks)**
- b) With an aid of a diagram explain deduction in the dimension sheet. **(10 marks)**