



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

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

**CERTIFICATE IN BUILDING**

EBC 1202: QUANTITY SURVEYING II

**SPECIAL/SUPPLEMENTARY EXAMINATION**

**SERIES: OCTOBER/NOVEMBER 2013**

**TIME ALLOWED: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*
- *Pocket Calculator*
- *Standard Method of Measurement of building works*

This paper consists of **FIVE** questions.

Answer any **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

### **Question One**

- a) State **TWO** advantages and **TWO** disadvantages of serial tendering. **(4 marks)**
- b) Outline **THREE** roles of the Quantity Surveyor in each of the following stages:  
(i) Pre-construction  
(ii) Construction  
(iii) Post construction **(6 marks)**
- c) Outline the use of the **FOUR** columns of the dimension paper **(8 marks)**
- d) State **FOUR** contents of the Bills of Quantities **(2 marks)**

### **Question Two**

- a) Briefly explain the tradition method of preparation of the Bills of Quantities using sketches where necessary. **(11 marks)**
- b) Explain the **THREE** certificates using in payment of Civil Engineering contracts **(9 marks)**

### **Question Three**

Take off all quantities for the drawing No. 03/13 attached. **(20 marks)**

### **Question Four**

Take off all the quantities for the drawing No. 03.13 attached. **(20 marks)**

### **Question Five**

- a) Explain the “cut and shuffle” method of bill preparation **(14 marks)**
- b) Briefly explain the following terms:  
(i) Provisional sum  
(ii) Contingency sum  
(iii) Prime cost sum **(6 marks)**