



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

DEPARTMENT OF BUILDING & CIVIL ENGINEERING
DIPLOMA IN BUILDING & CIVIL ENGINEERING (DBCE 12M)
DIPLOMA IN ARCHITECTURE (DA 12M)

EBC 2305: MEASUREMENT OF BUILDING WORKS 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*
- *Pocket Calculator*
- *Dimension Papers*

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

Take off all quantities for 12 No. double doors as shown on drawing No. 02 including adjustment for door openings. The iron mongery consists of:

- 2 lever rebated mortise locus
- Pair(s) of brass butt langes 100mm
- 25mm diameter chrome plated coat hunger. **(20 marks)**

Question Two

Drawing No. 03 shows reinforcement in the stair. Take off the quantities for formwork and reinforcement. **(20 marks)**

Question Three

Take off all quantities for the Hot water distribution system as shown on figure 1 attached. **(20 marks)**

Question Four

Using figure 1, take off quantities for cold water distribution system. **(20 marks)**

Question Five

Take off the quantities for the roof shown in figure 04/14 . **(20 marks)**