



## TECHNICAL UNIVERSITY OF MOMBASA

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FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

**UNIVERSITY EXAMINATION FOR:**

CERTIFICATE IN BUILDING AND CIVIL ENGINEERING

EBC1201 : CONSTRUCTION MANAGEMENT I

END OF SEMESTER EXAMINATION

**SERIES:**AUGUST<sub>2019</sub>

**TIME:**2 HOURS

**DATE:**2019

### Instructions to Candidates

You should have the following for this examination:

Answer Booklet, examination pass and student ID

This paper consists of five questions.

Attempt any THREE questions

**Do not write on the question paper.**

### **QUESTION ONE**

- a). Define Management as applied in the construction industry (6mks)
- b). State FOUR examples of Building Construction works (4mks)
- c). State FOUR examples of Civil Engineering Works (4mks)
- d). State THREE types of contractor in the Construction Industry (6mks)

### **QUESTION TWO.**

- a). List FOUR functions of professional bodies in the Construction Industry. (8mks)
- b). Name Four professional bodies and their appropriate initials in the construction Industry. (8mks)
- c). State the roles of the following in the Construction Industry
  - Banks
  - Suppliers
  - Equipment Manufacturers
  - The Local Authority. (4mks)

### **QUESTION THREE.**

State the role of each of the following in the management of the Construction process:

- a). Client
- b). Architect
- c). Quantity Surveyor
- d). Site Manager.
- e). Clerk of Works. (20mks)

#### **QUESTION FOUR**

- a). Briefly explain how a building trade operative can start a business in the Construction Industry (10mks)
- b). Differentiate between Building works and Civil works (10mks).

#### **QUESTION FIVE**

- a) State Six Principles of Management (12mks)
- b) State the Functions of Management (8mks).