



**THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

**(A Constituent College of JKUAT)**

(A Centre of Excellence)

# **Faculty of Engineering & Technology**

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

**CONSTRUCTION TECHNICIAN II (CT II 12S)**

EBC 1109: SITE ORGANIZATION I

**END OF SEMESTER EXAMINATION**

**SERIES: DECEMBER 2012**

**TIME: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*
- *Electronic Calculator*

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

Maximum marks for each part of a question are as shown

This paper consists of **THREE** printed pages

### Question One

- a) (i) State **SIX** different specialist of contractors in the construction industry. **(3 marks)**
- (ii) State **FOUR** professionals involved in a construction project. **(2 marks)**
- b) For each of the following parties, describe **FIVE** duties and responsibilities of each in the building process:
- (i) Client
  - (ii) Architect
  - (iii) Quantity surveyor
- (15 marks)**

### Question Two

- a) (i) Briefly discuss the merits and demerits of shallow organization structure. **(10 marks)**
- (ii) State **FIVE** Duties and Responsibilities of a supplier. **(5 marks)**
- b) State the **THREE** types of contractors in the construction industry. **(3 marks)**
- c) Define span of control **(2 marks)**

### Question Three

- a) (i) State **EIGHT** ideal characteristics of a leader **(4 marks)**
- (ii) Briefly explain any **TWO** factors that influence span of control. **(4 marks)**
- b) Explain the responsibilities of Engineers Registration Board, Architectural Association of Kenya and Contractors Association of Kenya in the construction industry. **(6 marks)**
- c) Illustrate an organization structure for a small (medium) sized construction firm. **(6 marks)**

### Question Four

- a) (i) Define
- Team Spirit
  - Motivation
- (4 marks)**
- (ii) Describe the nature of the construction industry in the following aspects:
- Goods and services
  - Industrial organization
- (4 marks)**
- b) Briefly explain any **SIX** construction contractors in the construction industry. **(12 marks)**

### Question Five

- a) (i) Define:
- Division of labour
  - Specification

- Chain of command (3 marks)

(ii) Briefly discuss the disadvantages and advantages of tall structures. (6 marks)

b) Outline the duties of the following parties in the construction industry.

(i) Builder

(ii) Clerk of works (c.o.w) (4 marks)

c) Briefly highlight general rules/principles applied in disciplining anyone at the workplace. (7 marks)