



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)**