



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

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

CONSTRUCTION TECHNICIAN PART III

EBC 1301: SITE ORGANIZATION

END OF SEMESTER EXAMINATION

SERIES: APRIL 2013

TIME ALLOWED: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

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) Outline the duties of the following parties in the construction industry.
- (i) Builder
 - (ii) Clerk of works (C.O.W) (4 marks)
- b) (i) Define:-
- Division of labour
 - Specialization
 - Chain of command (3 marks)
- (ii) Briefly discuss the advantages and disadvantages of tall structures as an organization structure. (6 marks)
- c) Briefly highlight the general rules/principles applied in disciplining anyone at the work place. (5 marks)
- d) List any **FOUR** bodies associated with the construction industry in Kenya. (2 marks)

Question Two

- a) (i) State **EIGHT** ideal characteristics of a leader. (4 marks)
(ii) Briefly explain any **FOUR** factors that influence span of control. (4 marks)
- b) Explain the responsibilities of Engineers Registration Board, Architectural Association of Kenya 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 Three

- a) (i) State **SIX** different specialists contractors constructors in the construction industry. (3 marks)
(ii) State **FOUR** professional bodies involved in a construction industry (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 Four

- 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:
- (i) Span of control
 - (ii) Chain of command
- (2 marks)**

Question Five

- a) (i) Differentiate
- 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 contracts in the construction industry. **(12 marks)**