



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

Faculty of Engineering and Technology

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING

CONSTRUCTION TECHNICIAN (PART II)

EBC 1109: SITE ORGANISATION

END OF SEMESTER EXAMINATION

SERIES: AUGUST/SEPTEMBER 2011

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- Answer booklet
- Calculator

This paper consists of **FIVE** questions

Answer question **ONE** is compulsory and any other **TWO** questions

Maximum marks for each question are as shown

This paper consists of **THREE** printed pages

Question 1 (30 marks)

- a) (i) List **FOUR** professional bodies connected to building industry
(ii) Define the term management (5 marks)
- b) Explain the functions of the following construction works
(i) Building works
(ii) Civil Engineering works (4 marks)
- c) Explain **FIVE** control measures to be taken to minimize pilfering and theft of materials on a construction site. (5 marks)
- d) Describe briefly the following principles of management (6 marks)
(i) Division of labour
(ii) Discipline
(iii) Centralization
- e) Describe **FOUR** types of contractors as used in the construction industry (10 marks)

Question 2

- a) Define the term “organization” as used in companies (2 marks)
- b) State the **TWO** types of organization structures and state **TWO** advantages and **ONE** disadvantage of each (8 marks)
- c) Name the **THREE** administrative structures of a firm in site organization (3 marks)
- d) Show by illustration the Abraham Maslows pyramid of need (7 marks)

Question 3

- a) Define the term leadership (4 marks)
- b) Briefly describe the following leadership styles
(i) Bureaucratic
(ii) Laissez faire
(iii) Democratic
(iv) Dictatorial (16 marks)

Question 4

- a) State **ONE** advantage and **ONE** disadvantage of bureaucratic and laissez fairer leadership styles (2 marks)
- b) Distinguish between management and administration (2 marks)

- c) State **TWO** principles and **TWO** functions of management (4 marks)
- d) Explain any **FOUR** fundamentals of motivation (12 marks)

Question 5

- a) Outline the duties of the following parties on a construction site
- (i) Architect
 - (ii) Clerk of works
 - (iii) Storekeeper
 - (iv) Quantity surveyor
- (16 marks)
- b) Describe the following terms as used in the construction industry (4 marks)
- (i) Client
 - (ii) Contractor

THE END