



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

UNIVERSITY EXAMINATION FOR:

DIPLOMA

EBC 2301 : CONSTRUCTION MANAGEMENT

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 2016

TIME: 2 HOURS

DATE: Pick Date Dec 2016

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

- Pocket calculator

- Standard method of measurement for building works

This paper consists of **FIVE** questions. question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE

- a) Briefly explain four functions of management **(8marks)**
- b) Outline the roles of professional bodies and local authorities in construction industry **(8marks)**
- c) Outline any six qualities of a good leader **(6marks)**
- d) Name and briefly explain four types of contract documents **(8marks)**

Question TWO

- a) Outline the roles of the following parties in the construction industry.
 - i) Client
 - ii) Architect
 - iii) Structural engineer
 - iv) Contractor**(8marks)**

- b) briefly explain the stages of contract planning process (6marks)
c) Name and explain two types of organization structures (6marks)

Question THREE

- a) Name and explain three methods of tendering (6marks)
b) Briefly explain the following types of contracts
i) Package deal
ii) Labour only contract
iii) Cost reimbursement contract
iv) Target cost contracts (8marks)
c) Explain three principles of management (6marks)

Question FOUR

- a) Define the following terms as used in an organization structure
i) Span of control
ii) Specialization
iii) Chain of command (6marks)
b) Highlight the three ways in which a contractor may be selected in a selective type of tendering. (3marks)
c) Briefly describe any four factors which influence the span of control of organization structures. (8marks)
d) Define
i) Organization
ii) Motivation
iii) Contract (3marks)

Question FIVE

- a) Briefly explain five fundamentals of motivation (10marks)
b) Explain open and selective tendering methods giving their advantages and disadvantages. (10marks)