



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) i. Describe two categories of construction work **(4marks)**
 - ii Name two organizations related to construction industry and outline their roles **(8marks)**
- b) Explain any five principles of management **(10marks)**
- c) Name and explain three types of contractors **(8marks)**

Question TWO

- a) Briefly explain the stages of contract planning process **(6marks)**
- b) Outline four reasons for pretender planning **(4marks)**
- c) Name and briefly explain five types of contact documents **(10marks)**

Question THREE

- a) Outline any six qualities of a good leader (6marks)
- b) Name and explain two types of organization structures (4marks)
- c) Explain open and selective tendering methods giving their advantages and disadvantages (10marks)

Question FOUR

- a) Name and explain four types of contracts (8marks)
- b) Describe the roles and responsibilities of the following members in the construction industry
 - i) Client
 - ii) Architect
 - iii) Clerk of works
 - iv) Quantity surveyor (8marks)
- c) Give four reasons for construction planning (4marks)

Question FIVE

- a. Define
 - (i) Authority
 - (ii) Scalar chain (4marks)
- b. Name and explain two types of Subcontractors (6marks)
- c. Man is primary motivated by economic incentives and will react to realize maximum economic gain. Briefly explain five fundamentals of utilization. (10marks)