



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING

DIPLOMA IN BUILDING AND CIVIL ENGINEERING

EBC 2301: CONSTRUCTION MANAGEMENT

END OF SEMESTER EXAMINATION

SERIES: APRIL 2016

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES

You should have the following for this examination

- Answer booklet
- Calculator

This paper consists of **FIVE** questions

Answer any other **THREE** questions

Use neat, large and well labelled diagrams where required

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed papers.



SGS ISO 9001:2008 Certified

QUESTION 1

(a) Distinguish the following as used in the construction industry:-

- i) Team spirit and motivation
- ii) (Specialization and division of labour **(8 marks)**)

(b) Describe the THREE stages involved in the construction contract planning **(12 marks)**

QUESTION 2

(a) Briefly explain SIX types of contracts that can be used in the development of a construction project **(18 marks)**

(b) Highlight FOUR advantages of delegating authority to your subordinates in any construction site. **(2 marks)**

QUESTION 3

Highlight FIVE roles in each case of the following professional parties i.e. (i) *before the start of any construction project* (ii) *During the construction process* (iii) *At the completion of the project.*

- (a) Quantity surveyor
- (b) Contractor
- (c) Local authority **(20 marks)**

QUESTION 4

(a) Briefly explain any SIX factors that influence the span of control of the organizational chart of a medium construction company **(12 marks)**

(b) Highlight FIVE ways in which efficiency and production may be affected as a result of poor leadership in any construction site **(5 marks)**

(c) List FOUR observations that will be noted as a result of indiscipline in any construction company **(3 marks)**

QUESTION 5

Briefly explain the FOUR methods of tendering construction projects citing FOUR advantages and FOUR disadvantages in each method **(20 marks)**

