



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examinations 2015/2016

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING

SECOND SEMESTER EXAMINATION FOR CERTIFICATE IN BUILDING

CONSTRUCTION TECHNOLOGY

BCEBT 204: CONSTRUCTION MANAGEMENT III

Date: 20/4/2016

Time: 11:00 – 1:00 PM

INSTRUCTIONS

This paper consists of FIVE questions

Answer question one and other two questions in this paper

1. a) Discuss the following terms:-
 - i) Retention money
 - ii) Provisional Sum
 - iii) Contingences sum (6 marks)
- b) Outline 4 advantages of selective tendering (8 marks)
- c) Discuss Two methods of maintaining plant (8 marks)
- d) Outline four advantages of arbitration over the court of law (8 marks)
2. a) i) Define the term contract
- ii) State six essentials of valid contract (8 marks)

- b) Explain the following types of contract documents:-
- i) Condition of contract
 - ii) Agreements
 - iii) Specification
 - iv) Contract drawings (12 marks)
3. a) Explain the following types of contracts:-
- i) Direct labour contracts
 - ii) Cost plus percentage contracts
 - iii) Serial contract (12 marks)
- b) Explain open form of tendering stating 2 advantages and 2 disadvantages (8 marks)
4. a) State 5 qualities of a good leader (5 marks)
- b) Explain four relationships that exist in an organization (8 marks)
- c) Outline five causes of indiscipline in construction site (5 marks)
- d) List four methods an employer can use to motivate workers (2 marks)
5. a) Draw a structure of a medium size firm (10 marks)
- b) Outline two roles of the following parties in a building project:-
- i) Architect
 - ii) Local authority
 - iii) Contractor
 - iv) Structural Engineer
 - v) Quantity surveyors (10 marks)