



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)
University Examinations for 2015/2016

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING

FIRST SEMESTER EXAMINATION FOR CERTIFICATE IN BUILDING
CONSTRUCTION TECHNOLOGY

BCEBT 204: CONSTRUCTION MANAGEMENT III

Date: 1/12/2015

Time: 8:30 – 10:30 AM

INSTRUCTIONS:

- *This paper comprises of five questions*
- *Question one is compulsory and carry 30 marks*
- *Answer any other two questions*

- Discuss the following terms:-
 - prime cost sum
 - provisional sum
 - contingences sum (6 marks)
 - Outline the 4 advantages of hiring a plant (8 marks)
 - Discuss Two methods of maintaining plant (8 marks)
 - Outline four advantages of arbitration over the court of law (8 marks)
- Define the term contract
 - State six essentials of valid contract (8 marks)
 - Explain the following types of contract documents:-

- (i) Condition of contract
 - (ii) Agreements
 - (iii) Specification
 - (iv) Bills of quantities (12 marks)
- 3. (a) Explain the following types of contracts:-
 - (i) Measured contract
 - (ii) Lump sum contract
 - (iii) Serial contract (12 marks)
- (b) Explain TWO form of tender stating 2advantages and 2disadvantages of each (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) Client
 - (ii) Clerk of work
 - (iii) Contractor
 - (iv) Site agent
 - (v) Quantity surveyors (10 marks)