



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR**

THIRD YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF
BACHELOR OF TECHNOLOGY IN BUILDING CONSTRUCTION**

COURSE CODE: BTB 363

COURSE TITLE: SITE MANAGEMENT

DATE: WEDNESDAY 4TH NOVEMBER 2020 TIME: 9.00 – 11.00 AM

INSTRUCTIONS:

1. This paper consists of five questions. Answer Question 1 and any other three questions.
2. All marks are indicated on the parenthesis.
3. Provide neat sketches and diagrams where required.
4. Examination duration is **2 Hour**

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

SECTION A: ANSWER QUESTION 1**Question I (25 marks)**

- (a) What is site planning? Explain some of the problems experienced for lack of site planning. *(7 marks)*
- (b) Outline the role of a site manager. State his/her obligations. *(6 marks)*
- (c) In the building industry, as in any other form of business, planning is very significant. Discuss the importance of planning in a construction project. State the benefits of planning. *(10 marks)*
- (d) What is the meaning of tender in construction projects? *(2 marks)*

SECTION B: ANSWER ANY OTHER THREE QUESTIONS**Question 2 (15 marks)**

- (a) What are the client's obligations in a construction project? *(5 marks)*
- (b) Outline in detail a project life cycle giving highlights of each step in the cycle. *(10 marks)*

Question 3 (15 marks)

- (a) State and explain the FIVE rudimental functions of management. *(10 marks)*
- (b) When running a business, making the right decisions can lead to success, while making the wrongs can result to failure. Outline some basic steps followed in effective decision-making. *(5 marks)*

Question 4 (15 marks)

- (a) With the aid of neat diagrams, outline the various organization structures applied in construction projects. State the advantages of each. *(9 marks)*
- (b) Explain the tem "Total Quality Management" as applied in construction projects. *(6 marks)*

Question 5 (15 marks)

- (a) Outline the "Preliminary Works" required on a site before commencement of a construction project. *(10 marks)*
- (b) Explain the significance of a construction schedule in civil engineering projects. *(5 marks)*

END