

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF THE BUILT ENVIRONMENT
BACHELOR OF QUANTITY SURVEYING (HONOURS) DEGREE
PART I FIRST SEMESTER EXAMINATIONS JANUARY 2013
THEORY AND PRACTICE OF QUANTITY SURVEYING AND PROJECT
MANAGEMENT 1 AQS - 1101

Time: 3 Hours

Total Marks: 100

Instruction to Candidates

Answer any **FOUR** Questions

Each Question carries **25marks**

Question One

- a. Outline the general principles for successful construction procurement (10 marks)
- b. There has been a growth in the number of tender documents being prepared in electronic format. Discuss the main methods available to distribute these tender documents (15 marks)

Question Two

- a. What are the advantages and disadvantages of employing subcontractors (6 marks)
- b. Giving practical examples explaining the following
 - i. Domestic Subcontractors (6 marks)
 - ii. Selected Subcontractors (6 marks)
 - iii. Nominated Subcontractors (7 marks)

Question Three

- a. Define the term “e-procurement” (5 marks)
- b. Compare and contrast the traditional and alternative methods of procurement (10 marks)
- c. Discuss the three variants of design and build procurement method (10marks)

Question Four

- a. Define the following:-
 - i. Bills of Quantities (3 marks)
 - ii. Standard Method of Measurement (2marks)
- b. What is the role of Bills of Quantities in any building contract (10marks)
- c. Describe the process of preparing Bills of Quantities using the Traditional Method (10 marks)

Question Five

- a. Explain the term 'construction project' (5marks)
- b. Discuss the associated activities of the four phases of the project life cycle in order to complete the project successfully (20 marks)

END OF EXAMINATION