

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF BUILT ENVIRONMENT**  
**DEPARTMENT OF QUANTITY SURVEYING**  
**PART I SECOND SEMESTER EXAMINATIONS – JUNE 2010**  
**MEASUREMENT I – AQS1203**

Time: 3 hours

Total Marks: 100

**INSTRUCTIONS:**

Answer all questions.

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**QUESTION ONE**

Write short notes on the following:-

- |  |           |
|--|-----------|
| a) Abbreviations and symbols             | (5 marks) |
| b) Entering dimensions                   | (5 marks) |
| c) Alterations to dimensions             | (5 marks) |
| d) Provisional sums and prime cost items | (5 marks) |
| e) Abstracting                           | (5 marks) |

**QUESTION TWO**

- |   |            |
|---|------------|
| a) Bills of Quantities form a significant part of the documents that form the building contract. Discuss this statement basing on the purposes of Bills of Quantities and the prime objective of measurement. | (15 marks) |
| b) Discuss the working up process.  | (10 marks) |

**QUESTION THREE**

Using the attached plan, prepare a Bills of Quantities for the foundations and doors.

**Please note** Attach all the necessary documents that result from the processes that are undertaken to come up with a bill starting from the plan up to the bill.  
(50 marks)