NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF ARCHITECTURE AND QUANTITY SURVEYING
BACHELOR OF QUANTITY SURVEYING (HONOURS) DEGREE
PART I SECOND SEMESTER SUPPLEMENTARY EXAMINATIONS - JULY 2006

MEASUREMENT 1 – AQS 1203

TIME: 3 Hours TOTAL MARKS: 100

INSTRUCTIONS TO CANDIDATES

Read carefully all questions before attempting to answer them.

Section A is compulsory.

Section B is optional (choose 1 question).

You can bring into the exam:

1. Standard Method of Measurement
2. Calculator

Take off paper will be provided

You are advised to spend:

2 hours on Section A

1 hour on Section B

Note:

All drawings are not to scale

Where information is inadequate, students are allowed to make reasonable assumptions. In such a case, students must state the assumption made.

SPECIFICATIONS

SUPERSTRUCTURE

Walls

All external walls on floor plan are 230mm thick and 3000mm high. Allow for 3 courses of beam filling

All internal walls of proposed layout are 115mm thick.

To be built in stretcher bond in cement mortar (1:4).

Brick-force to be laid after every 4th course.

To be plastered and painted internally and externally.

Height of ceramic wall tiles 2 100mm

Remaining height to be plastered and painted.

Window cills and reveals to be plastered and painted.

Concrete lintels above windows and doors.

Window types - NE7 Size 1022 x 654mm
- ND4F Size 1511 x 1245mm

Door Sizes - D1 Size 813 x 2032mm
- D2 Size762 x 2032mm

NOTE: Where dimensions are not shown, reasonable assumptions may be made. All assumptions must be clearly stated.

SECTION A

(Compulsory)

Question 1

a) Measure all the windows including deductions for openings on Diagram 1. (30 marks)

b) Measure all the doors including deductions for openings on Diagram 1. (20 marks)

SECTION B

(Choose one question only)

Question 2

Measure all the wall finishes to Diagram 1. (50 marks)

Question 3

Prepare a mini Bill of Quantities for windows and doors section only showing all the necessary steps. (50 marks)

END OF EXAMINATION