

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY THE BUILT ENVIRONMENT
DEPARTMENT OF QUANTITY SURVEYING
BACHELOR OF QUANTITY SURVEYING (HONOURS) DEGREE
PART II SECOND SEMESTER EXAMINATIONS MAY 2013
MEASUREMENT II - AQS2208

TIME: 3 Hours

TOTAL MARKS: 100

INSTRUCTIONS:

Answer **compulsory** Questions 1 and 2 and any other one question
Standard method of measurement booklet and Take-off paper will be provided
Drawings are not to scale
All assumptions on missing information should be clearly stated

Question 1

Take-off measurements for the basement substructure on drawing 13/01 (50 marks)

Question 2

Take-off measurements for the staircase on drawing 13/02 (20 marks)

Question 3

Drawing 13/03 is a roof plan for a proposed warehouse. Take-off measurements for the concrete work, waterproofing and parapet wall (30 marks)

Question 4

Prepare an abstract for the works you measured in Question 1 above (30 marks)

Note:

Use concrete grade 30 for all reinforced concrete and grade 20 for mass concrete
Allow 150kg/m³ for reinforced concrete in all levels

END OF EXAMINATION