**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF THE BUILT ENVIRONMENT**

**DEPARTMENT OF QUANTITY SURVEYING**

PART II SECOND SEMESTER EXAMINATIONS – MAY 2013

**TECHNIQUES OF GATHERING INFORMATION AND REPORT WRITING - AQS2203**

**Duration: 3 Hours**                                            **Total Marks: 100**

**Instructions**

Answer any three (3) questions in Section A and Section B is compulsory
Give examples or illustrations from the built environment field where necessary

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**SECTION A**

**QUESTION 1**

By using the research models approach, discuss the reasons for a practising Quantity Surveyor to engage in a research in the built environment.                                            **(25marks)**

**QUESTION 2**

"Problem Solving Approach" is key to any research process.  In the light of this statement,
demonstrate how the theory of rationality is applied in the research process.          **(25 marks)**

**QUESTION 3**

Describe and apply the following techniques of gathering data and information:
  a) Triangulation                                            **(5 marks)**
  b) Delphi                                            **(5 marks)**
  **c)** Observation                                            **(5 marks)**
  d) Focus Group                                            **(5 marks)**
  e) Questionnaires                                            **(5 marks)**

**QUESTION 4**

Distinguish between each of the following two research approaches:
  **a)** Quantitative and Qualitative.                                            **(15 marks)**
  b) Experimental and non experimental.                                            **(10 marks)**

**QUESTION 5**

Discuss different ways of dealing with research biases and errors.                                            **(25 marks)**

**SECTION B**

**QUESTION 6**

With reference to identified research topic and title, outline the steps and skills that could be used to produce an academic document by a final year under graduate students in Quantity Surveying.

**(25 marks)**

**END OF EXAMINATION**