

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF THE BUILT ENVIRONMENT

DEPARTMENT OF QUANTITY SURVEYING

PART II EXAMINATIONS – JUNE 2011

TECHNIQUES OF GATHERING INFORMATION AND REPORT WRITING - AQS2203

INSTRUCTIONS

Answer any three (3) questions in Section A and one (1) in Section B.

All questions carry equal marks.

Use examples and illustrations from the built environment field where necessary.

Section A

Question One

- (a) Outline the main reasons for carrying out a research (16 marks)
- (b) Describe the research process. (9 marks)

Question Two

By using examples, define the following terms or phrases as used in research.

- i) Research Design (5 marks)
- ii) Survey (5 marks)
- iii) Case Study (5 marks)
- iv) Monitoring and Evaluation (5 marks)
- v) Representative Sampling (5 marks)

Question Three

Compare and Contrast the following:-

- (a) Qualitative and Quantitative research approaches (15 marks)

(b) Primary and Secondary data

(10 marks)

Question Four

Describe how you would reduce non-sampling and sampling errors in order to achieve validity in research.

(25 marks)

Section B

Question Five

Outline the main features of the following:-

(a) Experimental design

(8 marks)

(b) Probability sampling

(8 marks)

(c) Triangulation

(7 marks)

Question Six

Describe the standard procedures and requirements that are necessary for the production of an academic research document.

(25 marks)