

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF THE BUILT ENVIRONMENT

DEPARTMENT OF QUANTITY SURVEYING

PART II SUPPLEMENTARY EXAMINATIONS – AUGUST 2011

TECHNIQUES OF GATHERING INFORMATION AND REPORT WRITING-AQS2203

TIME: 3 Hours

Total Marks: 100

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) By giving examples, explain four (4) research typology and their applications in real life situations. (16 marks)

(b) Describe different sources of knowledge and data. (9 marks)

Question Two

Discuss the reasons and models for doing research in general and for a particular programme or project of your choice. (25 marks)

Question Three

Explain fully the following terms or phrases as used in research:-

(a) Triangulation (5 marks)

(b) Deductive logic (5 marks)

(c) Experimental design (5 marks)

(d) Participatory observation (5 marks)

(e) Snowball technique (5 marks)

Question Four

Outline the fundamental differences between qualitative and quantitative research approaches and explain why you would prefer any one of these in a research for the built environment. (25 marks)

Section B

Question Five

Explain sampling error and sampling bias and how these could be reduced or avoided in a research sojourn. (25 marks)

Question Six

An academic report or research project follows a standard sequence.

(a) Discuss the flow of the research process. (10 marks)

(b) Outline the procedures and requirements for the production of the dissertation documents (15 marks)