

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF COMMUNICATION AND INFORMATION SCIENCE**  
**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**  
**BACHELOR OF SCIENCE HONOURS DEGREE IN LIBRARY**  
**AND INFORMATION SCIENCE**

**PART II SECOND SEMESTER AUGUST 2011 SUPPLEMENTARY EXAMINATIONS**

**ILI 2203: RESEARCH METHODS AND STATISTICS**

**TIME: 3 HOURS**

**Instruction to candidates**

1. Answer any four (4) questions.
  2. Each question carries 25 marks.
  3. Give equal time to each question.
  4. Importance is attached to accuracy, clarity and legibility of handwriting.
- 

1. Critique the notion that in qualitative research, a researcher's personal attributes can act as confounding or intervening variables which can threaten the trustworthiness of data collected using interviews. (25 marks)
2. Compare and contrast two rating scales that you are familiar with. (25 marks)
- 3.1 What type of review is likely to organise studies in chronological order? (10 marks)
- 3.2 Discuss at least three (3) strategies that a researcher could use to determine the size of a sample for his study. (15 marks)
- 4.1 Explain the differences between latent content and manifest content, giving an example of each. (10 marks)
- 4.2 Comparative research is more of a perspective or orientation than a separate research technique. Discuss this statement (15 marks)
- 5.1 Assess the differences between reliability and validity showing how they complement each other. (10 marks)
- 5.2 Explain the essential characteristics of the experiment showing its suitability in the social sciences. (15 marks)
6. Assess the understanding that researchers in the social sciences have a moral obligation to protect their respondents. (25 marks)

*END OF PAPER*