

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 SEPTEMBER 2011 SPECIAL
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.
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1. Discuss the merits and demerits of four (4) ways that you could use to collect data in a survey. (25 marks)
- 2.1 Discuss the four major goals of a literature review. (20 marks)
- 2.2 Explain the differences among independent, dependent and intervening variables. (5 marks)
3. Briefly assess how the levels of measurement differ from each other. (25 marks)
- 4.1 Discuss situations in which the snowball sampling technique is most suitable. (15 marks)
- 4.2 Explain how an ordinary conversation differs from a survey interview. (10 marks)
5. You have been requested to undertake an information needs analysis at NUST. Explain the research design, data collection tools and sampling plan you would use for the exercise. (25 marks)
6. Discuss the ethical considerations that social science researchers should observe when undertaking their duties. (25 marks)

END OF PAPER