

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 JUNE 2010 EXAMINATION
ILI 2203: RESEARCH METHODS

TIME: 3 HOURS

Instruction to candidates

1. Question number 1 is compulsory.
 2. Answer any other three questions in addition to question number 1.
 3. Each question carries 25 marks.
 4. Give equal time to all questions.
 5. Importance is attached to accuracy, clarity and legible handwriting.
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1. Findings from an exploratory study conducted in Matabeleland North show that 89% of the women who participated in the study did not use the PC (with Internet) at the District Centre where they met for their club activities. The reason was that the women were not computer literate.

Develop a research design that can be undertaken by a specialist in your field to find a solution to this problem.

2. Justify ethical conduct in research.
- 3i. Qualitative research has been described as non-scientific in some circles, because it is not easily amenable to measurement. Discuss how you could foster objectivity in qualitative research. (10 marks)
- 3ii. Assess the advantages and disadvantages of sampling. (15 marks)
4. Discuss at least ten (10) aspects you consider to be the main reasons for conducting a literature review in research.
5. Extraneous factors that require control during data gathering fall into 3 categories: 1. subject variables, 2. experimental variables and 3. situational variables. Discuss, using a research problem of your choice, the categories that are likely to affect a researcher from your field of specialisation.
6. Justify the importance of fostering internal and external validity in research designs in quantitative research.

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