



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

RESEARCH METHODS AND STATISTICS 1

ILI 2112

First Semester Examination Paper

December 2024

This examination paper consists of 2 pages.

Time Allowed: 3 hours
Total Marks: 100
Special Requirements: None
Examiners: Ms Mupambwa D. B.

INSTRUCTIONS

1. Answer any four (4) questions
2. Each question carries 25 marks
3. Importance is attached to accuracy, clarity of expression and legible handwriting

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25

1. Describe the various components that make up a problem statement in research.
[25 marks]
2. Critique the role of a preliminary literature review during the research process.
[25 marks]
3. With the aid of a table, compare and contrast quantitative and qualitative research designs.
[25 marks]
4. Provide a detailed analysis of **any five probability** sampling techniques in research.
[25 marks]
5. Explain the factors that should be considered when designing Focus Group Discussions.
[25 marks]
6. Discuss any five ethical responsibilities or obligations that researchers should have towards their research subjects or participants.
[25 marks]