



**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 I**

**ILI2112**

**Examination Paper**

**Special Exam 2024**

This examination paper consists of 2 pages.

**Time Allowed: 3 hours**

**Total Marks: 100**

**Special Requirements: None**

**Examiners: Ms. D. B. Mupambwa**

**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**

<b>QUESTION</b>	<b>MARKS</b>
1.	25
2.	25
3.	25
4.	25
5	25
6	25

1. Provide an in-depth description of the components of a typical statement of the problem in research. [25 marks]
2. Examine the distinctions between survey research and case studies. [25 Marks]
3. Examine the role of literature review during the early stages of research. [25 marks]
4. Critique the role of ethics in research. [25 marks]
5. With the aid of diagrams, give a detailed description of the various research strategies that can be employed in mixed methods research. [25 marks]
6. Describe the strengths and weaknesses of any non-probability sampling techniques in research. [25 marks]