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

INFORMATION STORAGE AND RETRIEVAL

ILI2110

Special Examination

March 2025

This examination paper consists of 2 pages

Time Allowed:	3 hours
Total Marks:	100
Special Requirements:	None
Examiner's Name:	E. Mupaikwa

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

ILI2110

1. Discuss the various components of intelligent storage systems. [25 marks]

2. Discuss the operations of information retrieval in information retrieval systems.

[25 marks]

3. With the aid of examples where necessary distinguish exact and probabilistic information retrieval models. [25 marks]

4. Evaluate the use of binary-tree in the field of information storage and retrieval.

[25 marks]

5. Discuss the operations of a web crawler. [25 marks]

6. Assess the characteristics of an effective information storage and retrieval system

[25 marks]