



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

DIGITAL LIBRARIES

ILI 2210

Second Semester Examination Paper

February 2025

This examination paper consists of 2 pages

Time Allowed: 3 hours
Total Marks: 100
Special Requirements: None
Examiner's name: Mr. Nelson Guvava

INSTRUCTIONS

1. Answer **four** (4) questions.
2. Give equal time to each question.
3. Each question carries 25 marks.
4. Importance is attached to clear presentation of ideas, good expression and legibility of handwriting.

1. Evaluate user interface design challenges (User oriented challenges, Search oriented challenges and Content oriented challenges) for digital libraries [25 marks]
2. Examine user interface design principles for digital library projects. [25 marks]
- 3.1 Explain functions of the following components of a digital library system:
 - 3.1.1 User interface [3 marks]
 - 3.1.2 Repository [3 marks]
 - 3.1.3 Handle system [3 marks]
 - 3.1.4 Search system [3 marks]
- 3.2 Explain steps one has to follow in the design of information visualisation. [13 marks]
4. Analyse the pros and cons of digital libraries in most developing countries [25 marks]
5. Assess the most common selection criteria used for digital library collections [25 marks]
6. Assess intellectual property challenges faced by librarians and other users in the development and implementation of digital libraries. [25 marks]