



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATION SCIENCE

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

MASTER OF SCIENCE DEGREE IN LIBRARY AND INFORMATION SCIENCE

ADVANCED INFORMATION TECHNOLOGY APPLICATIONS

ILI 5101

First Semester Examination Paper

November 2024

This examination paper consists of 2 pages

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

INSTRUCTIONS

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

MARK ALLOCATION

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

Page 1 of 2

Copyright: National University of Science and Technology, 2024

ILI5101

1. Assess the benefits and risks associated with the utilisation of various forms of e-commerce in academic libraries. [25 marks]
2. Social media is one of the methods for reaching library patrons since it allows them to easily share and receive information. However, the developments of the internet have exposed social media users to a variety of security vulnerabilities and threats. Discuss the threats and vulnerabilities that users may face in their use of social media in the broad discipline of information science. [25 marks]
3. Evaluate the application of block chain technologies in the field of knowledge management and information science. [25 marks]
4. Examine how geographic information systems may enhance the activities of information management. [25 marks]
5. With the aid of examples where necessary, analyse how business intelligence services may be use to enhance the competitiveness of information centres. [25 marks]
6. Examine the ethical issues that arise from the use of Artificial Intelligence in academic libraries, with special focus on the role of libraries in the Education 5.0 era. [25 marks]