



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATION SCIENCE

DEPARTMENT OF RECORDS AND ARCHIVES MANAGEMENT

WEB CONTENT MANAGEMENT

IIM 2205

Special Examination Paper

April 2025

This examination paper consists of 3 pages.

Time Allowed: 3 hours

Total Marks: 100

Examiner's Name: Mr C.T. Mutare

INSTRUCTIONS

1. Answer the question in **Section A**.
2. Answer **any three (3)** questions from **Section B**.
3. Each question carries **25 marks**.

MARK ALLOCATION

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

1. a) Describe the following Web vulnerabilities:
- i) SQL injection [5 marks]
 - ii) Buffer overflow [5 marks]
 - iii) Security misconfiguration [5 marks]
- b) Explain any **two (2)** Web security solutions that can be applied to safeguard against vulnerabilities. [10 marks]
[Total 25 marks]
2. a) Distinguish micro and macro archiving. [10 marks]
b) Explore the three main technical methods for archiving web content. [15 marks]
[Total 25 marks]
3. a) Explain the differences between content management and content strategy. [10 marks]
b) Describe the following terms and state their purpose:
- i) Bandwidth [3 marks]
 - ii) Cookie [3 marks]
 - iii) Domain [3 marks]
 - iv) IP Address [3 marks]
 - v) Search engine [3 marks]
- [Total 25 marks]
4. a) Briefly outline the challenges associated with managing content for dynamic websites. [5 marks]
b) Discuss the four content management system architectures. [20 marks]
[Total 25 marks]
5. a) Identify and explain the seven (7) principles of information architecture. [21 marks]
b) State any four (4) goals of information architecture. [4 marks]
[Total 25 marks]

6. a) Discuss the surface web, deep web and the dark web. [15 marks]

b) Write code to create the following HTML Form to accept a user's information as part of an online survey. [10 marks]

User Survey

Name:

Address:

Male Female

You came to know about our Magazine from :

Friend Newspaper TV/Radio Others

[Total 25 marks]

END OF PAPER