



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

ARCHIVAL AND LIBRARY INFORMATION SYSTEMS MANAGEMENT

ILI 2204

Second Semester Examination Paper

May 2016

This examination paper consists of 2 pages

Time Allowed: 3 hours
Total Marks: 100
Special Requirements: None
Examiner's Name: Dr. T. Matingwina

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

1. Inventory-based library systems have the potential to improve library processes such as cataloguing, circulation, acquisitions and serials management. Radio-frequency identification (RFID) systems are an example of such systems.
 - 1.1 Analyse the major features of an RFID system. In your analysis, describe the salient hardware and software features of the system. [10 marks]
 - 1.2 Assess the potential benefits of RFID systems for both library staff and patrons. [15 marks]
2. Discuss the implications of applying the concept of artificial intelligence on content-based library systems. [25 marks]
3. Justify the rationale for applying integrated application software packages in the design and implementation of a library and information systems. [25 marks]
4. The Online Computer Library Center (OCLC)'s WorldShare Management Services is an integrated suite of cloud-based library management applications, operating on the WorldCat database management system, a universal catalogue. Assess the benefits and challenges associated with this kind of library system. [25 marks]
5. Discuss the major factors that managers should consider in the design and implementation of successful information systems. [25 marks]
6. Analyse the aspects that should be addressed by a typical management information system project proposal. [25 marks]