

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
PART II JUNE 2010 EXAMINATION

ILI 2204: ARCHIVAL AND LIBRARY INFORMATION SYSTEMS MANAGEMENT

TIME: 3 HOURS

INSTRUCTION TO CANDIDATES

1. Answer any four (4) questions.
 2. Each question carries 25 marks.
 3. Give equal time to each question.
 4. Importance is attached to accuracy, clarity and legible handwriting.
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1. Discuss the advantages and disadvantages of building a system using the prototyping method.
 2. Briefly describe the main stages in developing an information system, showing at least two documents that are produced at each stage.
 3. Explain the following concepts in the context of information systems:
 - i. Timeliness (5 marks)
 - ii. Accuracy (5 marks)
 - iii. Consistency (5 marks)
 - iv. Completeness (5 marks)
 - v. Reliability (5 marks)
 4. If databases were created to solve many problems characteristic of conventional files, explain why some systems are still not migrating to database environments.
 5. Closely examine the Library and Information Science Department at NUST and analyse the system for problems, opportunities and directives.
 6. Identify and discuss any five (5) types of information systems that you have learnt. You may use diagrams to illustrate your understanding.

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