

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
STAGE II SECOND SEMESTER JULY 2010 SUPPLEMENTARY EXAMINATIONS
ILI 5107: MANAGEMENT INFORMATION SYSTEMS

TIME: 3 HOURS + 30 MINUTES READING TIME

INSTRUCTION TO CANDIDATES

1. Answer any four (4) questions.
 2. Each question carries 25 marks.
 3. Give equal time to all questions.
 4. Importance is attached to accuracy, clarity and legible handwriting.
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- 1(i) In the development of a Management Information System (MIS), discuss the importance of carrying out a feasibility analysis. (15 marks)
- 1(ii) Discuss how an information systems developer could carry out a successful requirements specification. (10 marks)
2. There has been serious debate in your management meeting. Some people are expressing the need to have a MIS manager, while others have expressed the need to train the current librarian. Assess the two propositions in the meeting, highlighting the following:
 - Position description if you have to hire an MIS Manager.
 - List of information needs for such a manager.
 - Typical reports for the MIS Manager and their frequency.
- 3(i) Discuss the role of managers in an organisation. (10 marks)
- 3(ii) Evaluate individual decision making models, showing how they impact on the development of management information systems. (15 marks)
4. Discuss critical issues to consider when evaluating the effectiveness of a newly implemented MIS in an Information Centre of your choice.

5(i) Discuss how group decision support systems benefit organisations. (15 marks)

5(ii) Assess how data mining can enhance an academic library's marketing campaign for the introduction of a new service to students. (10 marks)

6. After attending a workshop on digital libraries, the Librarian of ART Libraries decided on the installation of Greenstone. The Systems Analyst was in full support of the idea, arguing that a digital library system was the best in the global village. After two (2) months of full installation, the system has proved to be a failure. Users are complaining and threatening to use other libraries.

Discuss what could have possibly caused the failure of the system, showing ways of correcting the situation.

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