



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
MANAGEMENT INFORMATION SYSTEMS
ILI 5202

Part II Examination Paper

May 2017

This examination paper consists of 2 pages

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

INSTRUCTIONS

1. Answer any four (4) questions
2. Each question carries 25 marks
3. Importance is attached to accuracy, clarity of expression and legible handwriting

MARK ALLOCATION

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

1. The general systems theory has played a vital role in understanding information systems. Assess how the theory can be applied in studying information systems. [25 marks]
2. Several decision making models have been developed as variations and alternatives to the rational model. Evaluate these models and variations of decision making. [25 marks]
3. Examine the role of artificial intelligence in information centres and the potential inherent in these technologies. [25 marks]
4. Critically analyse the primary steps for risk assessment in information systems. [25 marks]
5. Information system evaluation may be goal-based or goal-free and evaluation may also be “as-such” or “in-use”. Evaluate different information system evaluation models. [25 marks]
- 6.1 Discuss the consequences of mismanaging information system development projects. [10 marks]
- 6.2 With the aid of examples, examine the following investment appraisal techniques:
 - 6.2.1 Internal Rate of Return [5 marks]
 - 6.2.2 The payback period [5 marks]
 - 6.2.3 Net present value [5 marks]