



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF LIBRARY AND
INFORMATION SCIENCE AND MASTER OF RECORDS AND ARCHIVES**

MANAGEMENT

ISC 803: INFORMATION SYSTEMS AND SOFTWARE

DATE: Wednesday 22nd November, 2017

TIME: 2.00 p.m. - 5.00 p.m.

INSTRUCTIONS:

Answer question **ONE** and any other **TWO** questions

1. (a) Explain the role of management information systems in strategic plan implementation (10 marks)
- (b) Using appropriate example, explain the application of closed system concept in information security management (10 marks)
- (c) Explain why rapid application development methodology is gaining popularity in institutions (10 marks)
2. Understanding of emerging technologies is a mandatory competency for information managers. Discuss (20 marks)
3. Critically analyse the legal issues affecting implementation of computer based systems in Kenya (20 marks)
4. Testing is a mandatory step in information systems development. Discuss (20 marks)
5. Explain five measures that should be taken to prevent resistance of information systems in institutions (20 marks)