



UGANDA MANAGEMENT INSTITUTE

POSTGRADUATE DIPLOMA IN : (DPAM) KLA; MRA; GULU, MBL: (DME) KLA; MRA; GULU, MBL: (DHRM); MRA; GULU, MBL: (DFM) MRA; GULU, MBL: (DPPM) MRA; GULU, MBL: (PSCM): (DLTM): (DUGM): WKD

SECOND SEMESTER EXAMS 2017/2018

MODULE MANAGEMENT INFORMATION SYSTEMS

Date: Wednesday 3 October 2018

Time: 09.00 AM – 12.00 NOON

INSTRUCTIONS

1. Answer FOUR Questions.
2. Question ONE of Section A is compulsory and carries 40 marks.
3. Answer any other THREE Questions from Section B. Each question carries 20 marks.
4. Write clearly and legibly.
5. Do not write anything on the question paper.
6. Do not take Mobile Phones into the examination room.
7. Follow the instructions of the Examination Supervisor.
8. Indicate questions answered on the Answer Sheet in the column of Questions.

This paper consists of 3 printed pages.

-GOOD LUCK-

SECTION A:**COMPULSORY****(40 MARKS)****QUESTION ONE**

- a) With an example explain what exactly an information system is. **[3 Marks]**
Briefly describe at least 3 approaches of system development. **[12 Marks]**
- b) Information systems are said to be a set of interrelated components. Briefly explain the components of information systems. **[10 marks]**
- c) Before an organization implements security controls to ensure confidentiality, availability and integrity, it needs to assess risks, vulnerability and threats to its information assets. Using examples, discuss what confidentiality, integrity, risk, vulnerability and threat are in the context of security controls in organizations'. **[15 marks]**

SECTION B: ANSWER ANY THREE QUESTIONS FROM THIS SECTION**QUESTION TWO**

Strategic information systems planning (SISP) is essential for organizations to succeed in today's highly competitive marketplace. SISP is intended to ensure that technology activities are properly aligned with the evolving needs and strategies of the organization. Discuss, using examples, six benefits of information systems planning to organizations. **[20 marks]**

QUESTION THREE

Many organizations today are shifting to producing their own application software especially where they think they may gain a competitive advantage over other companies. Describe the activities that go into producing a new information system. **[20 Marks]**

QUESTION FOUR

The use of computers and information technology has brought many changes to organizations. These changes are being felt in different areas including the manager's job, structure, authority, power, and job content; employee career ladders and supervision.

- a) Discuss the major **four** impacts of information technology on the manager's job and on organization structure. **[12 Marks]**

b) With examples discuss four major threats to information systems. **[8 Marks]**

QUESTION FIVE

Information technology has heightened ethical concerns, putting stress on existing social arrangements, and making existing laws obsolete or severely crippled. Discuss with examples the four key technological trends responsible for these ethical stresses.

[20 Marks]

QUESTION SIX

Explain the following terminologies with examples **[20 marks]**

- a) Data Encryption
- b) *Cloud computing*
- c) Information systems literacy.
- d) Client server architecture.

END