UGANDA MARTYRS UNIVERSITY, NKOZI CAMPUS/ LUBAGA

FACULTY OF BUSINESS ADMINISTRATION AND MANAGEMENT

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION SYSTEMS

BAM I, BSC ACC & FIN I, BPSCM I, BIBM I (AUG INTAKE)

SEMESTER TWO 2021/2022

COURSE UNIT: INTRODUCTION TO INFORMATION SYSTEMS

CODE: CSC1206

DATE: 14TH JULY, 2022

TIME: 9:30 AM – 12:30 PM

Instructions:

1. Carefully read through ALL the questions before attempting
2. **Attempt Four questions**
3. All Questions carry equal marks
4. No **names** should be written anywhere on the examination book.
5. Ensure that your **Reg number** is indicated on all pages of the examination answer booklet.
6. Ensure your work is **clear** and **readable**. Untidy work shall be penalized
7. Any type of examination Malpractice will lead to automatic disqualification
8. Do not write anything on the questions paper.

Question One

a) Differentiate between information and information systems . **(3 marks)**

b) Explain any five characteristic of a good Management Information System. . **(10 marks)**

c) Explain any six qualities of good information in organisations. . (12 marks)

Question Two

a) Discuss ways in which Information systems have had an impact on businesses during this lockdown. **(10 marks)**

b) Explain the impact of the following networks on information systems in Uganda today
   i) Networks
   ii) Procedures
   iii) Data/ information. **(@ 5 Marks)**

Question Three

a) One of the roles of information systems is to "support organisations decision making". Explain ways in which this has been effective in any organistions at:
   i) strategic level
   ii) Management level
   iii) Operations level **(@ 6 marks)**

b) Explain different ways that can lead to successful implementation of an IS. **(7 marks)**

Question Four

a) Data management is key in organisation. Explain the term data management and different ways of data management (10 marks)

b) You are invited to Mukwano Group of Companies who are struggling with data management. Make a proposal for them on how Mukwano can use data management to gain competitive advantage in business **(12 marks)**

c) Define the term Database giving different examples **(3marks)**

Question Five

a) What is decision support system? Give an example where this system used? **(7 marks)**

b) Explain different ways how Transaction Processing System (TPS) supports the organization. **(10marks)**

c) Draw the pyramid of information system in any organization. **(8marks)**

Question Six

a) Explain the term system development. **(2 marks)**

b) Explain any five services provided by a database management system **(10 marks)**

c) A school that has a manual system needs to change to computerized information system. Explain the different steps you would take them through to acquire a new system. **(13 marks)**