

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR SEMESTER ONE EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF COOPERATIVE MANAGEMENT

BCOM 465: MANAGEMENT INFORMATION SYSTEMS

STREAMS: BCOM Y4S1

TIME: 2 HOURS

DAY/DATE: MONDAY 10/12/2018

11.30 A.M. – 1.30 P.M.

CANDIDATE INSTRUCTIONS

- Answer **all questions** in section A and any other **two questions** from section B.
- No Reference Material is allowed in the exam Room.
- Write on Both sides of the answer sheet.
- All Mobile phones should be switched off in the exam room. Write legibly.

SECTION A (COMPULSORY)

QUESTION 1 (COMPULSORY) [30 MARKS]

- a) Discuss five reasons why an organisation would opt to buy their information system instead of in-house development.
(5 marks)
- b) Current organizations require Executive support systems to offer intelligent information from their computerised systems. Describe five intelligent information that can be provided by such systems in business
(5 marks)
- c) Organizations can classify management information in a number of classifications. Explain five classifications of information by application.
(5 marks)
- d) Growth of the internet and extranet has brought about the integration of a number of business ventures. Using an example in Kenya, discuss ways through which extranet is benefitting businesses, clearly indicating four kinds of documents /data that

could be exchanged using the extranet. (6 marks)

- e) Explain two classification of information systems, naming an example in each classification (4 marks)
- f) After a system has been implemented, there is need to maintain the system. Explain five aspects of maintenance that a system is likely to be given (5 marks)

SECTION B (Answer two question from this section)

QUESTION 2 [20 MARKS]

- a) Upendo Cooperative society wanted to change their banking systems from manual to computerised system. They chose to use the following data collection methods.
- i) Joint Application design
 - ii) Brainstorming
 - iii) Prototyping
- Explain each of the above method of data collection; hence outline an advantage and a disadvantage of each of the above method of data collection. (9 marks)
- b) Explain the term 'Electronic data interchange'; hence discuss three ways through which it is propelling the growth of cooperative societies in Kenya. (8 marks)
- c) Explain three reasons that would necessitate a high end cooperative society in Kenya to develop a new information system (3 marks)

QUESTION 3 [20 MARKS]

- a) A certain Cooperative society opted to strongly secure their systems. Explain four threats that they were likely to face, and propose a security mechanism for each threat. (8 marks)
- b) There are a number of file conversion approaches that can be employed when converting files from old to new system. Explain two disadvantages of each conversion in any three file conversion approaches. (6 marks)
- c) Outline THREE information security policies that an organization is likely to put into place to secure their systems. (6 marks)

QUESTION 4 [20 MARKS]

- a) A certain cooperative institution developed their information system using bespoke application development, although the clients were constantly complaining about the functionality of the new system.
 - i) Explain the term bespoke application development (2 marks)
 - ii) Outline three disadvantages of bespoke application development (3 marks)
 - iii) Explain five problems that the new system could be facing, causing clients complaints. (5 marks)
 - iv) The management wanted to quickly salvage the situation through acquiring software. What advice would you offer, explain. (3 marks)

- b) System analysis stage is such an important stage during the development of a system.
 - i) Explain what takes place during system analysis stage (2 marks)
 - ii) Outline five likely contents of a system analysis specification document (5 marks)

QUESTION 5 [20 MARKS]

- a) A strategic organization, wanted to implement an effective contingency planning for their management information system in case of emergencies. Explain three contingency planning components that could be put into place. (6 marks)

- b) Name FOUR antiviruses that are available in the market that could be used in safeguarding MIS. (2 marks)

- c) Databases are very important storage locations for information systems data. Explain three disadvantages of databases as data storage locations. (6 marks)

- d) Explain three disadvantages of enterprise resource planning in business ventures. (6marks)

