CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF AGRIBUSINESS MANAGEMENT

AGBM 343/COSC 474: MANAGAMENT INFORMATION SYSTEMS

STREAMS: **TIME: 2 HOURS**

DAY/DATE: THURSDAY 13/09/2018   **2.30 P.M. – 4.30 P.M.**

INSTRUCTIONS TO CANDIDATES:

- 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) Explain STROBE (STRuctured Observation of the Environment) method of data collection, hence outline FOUR areas that the observer is likely to focus on.
(5marks)
b) Discuss why an organisation would opt to buy their information system instead of inhouse development.   (4marks)

c) Outline FOUR intelligent information that can be provided by ESS in business
(4marks)
d) Outline FIVE benefits of the internet in propelling information systems
(5marks)
e) Explain FOUR reasons that would necessitate a business to develop a new information system   (4marks)

f) Nanotechnology is a technology that is really beneficial to management information systems. Discuss how Nanotechnology could be beneficial to MIS. (3 marks)

g) Explain FIVE reasons for securing management Information systems. (5marks)

SECTION B (Answer **two question** from this section)

QUESTION 2 [20 MARKS]

a) Describe TWO systems that are usable in operational level of MIS.   (4marks)

b) Name FOUR antiviruses that are available in the market that could be used in safeguarding MIS.   (4 marks)

c) A certain business venture developed a customer relationship management system in order to keep in touch with their customers. Outline SIX benefits of this system to the firm.   (6 marks)

d) Explain THREE types of security controls for MIS   (6marks)

QUESTION 3 [20 MARKS]

a) Explain THREE classification of information systems, naming an example in each classification   (6marks)

b) Describe THREE file conversion approaches that can be employed during conversion from old to new system.   (6marks)

c) Outline THREE information security policies.   (6marks)

d) Explain TWO advantages of batch data processing systems   (2marks)

QUESTION 4 [20 MARKS]

a) Differentiate between the following terminologies as used in MIS.   (8marks)
   i)   Content management system vs business intelligent system
   ii)   Flash disk vs compact disk
   iii)   Computer virus vs malware
   iv)   Information system vs management information system

b) Decision making is an aspect of management in MIS. Outline the process of decision making in MIS.   (8marks)

c) Outline TWO disadvantages of observation as a method of data collection
                                              (4marks)

QUESTION 5 [20 MARKS]

a) Procurement Department in firm X wanted to develop a new system. Describe the phases involved in the development of the new system till completion

(20marks)