CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR SCIENCE IN AGRICULTURAL ECONOMICS

COSC 472: STRSTEGIC INFORMATION SYSTEMS

STREAMS: **TIME: 2 HOURS**

DAY/DATE: FRIDAY 8/12/2017   **2.30 P.M – 4.30 P.M**

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.**

SECTION A (COMPULSORY)

QUESTION 1 (COMPULSORY) [30 MARKS]

a) Explain FIVE reasons why an organisation would opt to in-house develop their information system instead of buying.   (5marks)

b) Outline FIVE intelligent information that can be provided by ESS in business

                                                 (5marks)

c) Outline FIVE unethical usage of computers in organisations   (5marks)

d) A certain firm wanted to connect their systems to the internet. Explain FOUR ways through which the firm would connect to the internet in Kenya.   (4marks)

e) Cloud computing is a technology that is really beneficial to strategic information systems. Discuss THREE benefits of this technology in strategic information systems.   (6 marks)

f) Explain FIVE security mechanisms that could be used in securing management Information systems.   (5marks)

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

QUESTION 2 [20 MARKS]

    a) Outline THREE reasons for maintaining information systems.   (6marks)

    b) Discuss FOUR characteristics of good Strategic information systems   (8marks)

    c) A certain business venture developed a knowledge management. Outline SIX benefits of this system to the firm.   (6 marks)

QUESTION 3 [20 MARKS]

a) Answer the following questions, with regard to data collection for developing strategic information systems.

    i) Explain FOUR methods of collecting data for developing strategic information systems   (8marks)

    ii) Outline a disadvantage of each of the above methods.   (4 marks)

b) Outline FOUR information security policies.   (8marks)

QUESTION 4 [20 MARKS]

a) Distinguish between office automation system and Office information system

    (4marks)

b) Explain FOUR characteristics of business intelligence system.   (8marks)

c) Citing an example, describe FOUR data processing modes in organisations

    (8marks)

QUESTION 5 [20 MARKS]

a) The human resource manager of firm X decided to introduce a new system without training the users. Using examples, explain FIVE challenges that are likely to face the users of the new system.   (10 marks)

b) Explain FIVE disadvantages of ERP in organisation.   (5marks)

c) Name TEN storage devices that are used in organisations   (5marks)