MURANG'A UNIVERSITY COLLEGE

(A constituent College of Jomo Kenyatta University of Agriculture and Technology)

UNIVERSITY EXAMINATIONS 2015/2016

YEAR TWO EXAMINATION FOR THE DIPLOMA IN INFORMATION TECHNOLOGY

SCI 1203: MANAGEMENT INFORMATION SYSTEM

COURSE: DIT   **TIME: 2HRS**

DAY/TIME: Monday 2:00Pm-4:00pm   **DATE: 14th Dec 2015**

INSTRUCTIONS: *Answer question one and any other two questions*

QUESTION 1.

a. Define the following terms   (4 marks)

   i. Information system

   ii. Decision support system

   iii. Computer based information system

   iv. Organization.

b. Discuss the five challenges of information system in an organization   (5 Marks)

c. Using your institution as an example, describe levels of an organization   (5 Marks)

d. The directors of wells materials are planning to hire managers, list four roles of managers in an organization   (4 marks)

e. Explain with a aid of a diagram the process of decision making   (4 marks)

f. List two types of processing for a Transaction Processing System   (2 Marks)

g. Discuss information systems activities   (6 Marks)

QUESTION 2.

    a. Explain the following types of information systems   (6 marks)

        i. MIS

        ii. Executive information system

        iii. Transaction processing system

    b. Name five types of DSS using the mode of assistance as the criterion   (5 Marks)

    c. A well known telecommunications company wants to invest in information systems. Explain benefit of the information system   (6 marks)

    d. Describe three types of decisions in any organization   (3 Marks)

QUESTION 3.

    a. Distinguish between data and information, citing relevant examples   (4 marks)

    b. Discuss ten roles of a manager according to Mintzberg   (10 Marks)

    c. Explain the strategy that an organization can implement to gain competitive edge

        (6 Marks)

QUESTION 4.

    a. Define the term office automation system and give some of the examples   (4 Marks)

    b. Discuss the stages of the information system development   (6 Marks)

    c. List four common features that are found in all organization   (4 marks)

    d. Discuss three characteristics of MIS that make them differ from decision support system(DSS)   (6 marks)