MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF COMPUTING INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION COMMUNICATION

UNIVERSITY ORDINARY EXAMINATION

2020/2021 ACADEMIC YEAR

SECOND YEAR **SEMSTER** SEMESTER EXAMINATION FOR DIPLOMA IN INFORMATION TECHNOLOGY

UNIT CODE: SIT 057

UNIT TITLE– MANAGEMENT INFORMATION SYSTEMS

DURATION: 2 HOURS

Instructions to candidates:

1. Answer question One and Any Other Two questions.

2. Mobile phones are not allowed in the examination room.

3. You are not allowed to write on this examination question paper.

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (30 MARKS)

a) Define the following terms as used in management systems.   (5marks)
   i.   Information technology
   ii.   Information systems
   iii. Management information systems
   iv.   Transaction processing systems
   v.   ERP

b) Highlight the three approach to MIS   (6marks)

c) Explain the components of MIS   (5marks)

d) Outline the characteristics of good information   (5marks)

e) Differentiate between structural ,semi-structural and infrastructural decisions   (3marks)

f) Identify the importance of implanting business intelligence in an organization   (3marks)

g) Is data the backbone of management information systems? Justify your answer   (3marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

a) Discuss the objectives of MIS(10marks)

b) Johns is manager of one of the local companies, he has realized that as the company grows, there is need to automate the organization process. As an MIS expert, advise John on how information systems can be used to enhance each of the functions of management in the organization   (10marks)

QUESTION THREE (20 MARKS)

a) Compare and contrast manual systems and computerized systems   (6marks)

b) Using a well labelled diagram, show the various levels of management and the information systems used in each level.   (6marks)

c) Enumerate what is decision support system and its role in an organization   (8marks)

QUESTION FOUR (20 MARKS)

a) Discuss the key features of executive information
   (6marks)

b) You have been hired by mentors sacco to develop an information system for them. Which are some of the key factors that you would consider when developing this information systems (8marks)

c) Discuss any THREE cyber security considerations that must be considered in any information system.
   (6marks)