KISII FONS SCIENTIAE UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF THE DIPLOMA IN INFORMATION TECHNOLOGY

SECOND SEMESTER 2023/2024
[JAN – APRIL, 2024]

DIT 0110: MANAGEMENT OF INFORMATION SYSTEMS

STREAM: Y1 S2   **TIME: 2 HOURS**

DAY: WEDNESDAY, 3:00 - 5:00 P.M.   **DATE: 17/04/2024**

INSTRUCTIONS

1. *Do not write anything on this question paper.*
2. *Answer question ONE (Compulsory) and any other TWO questions.*

QUESTION ONE (COMPULSORY 30MARKS)

a. Define the term information system?   (2 marks)
b. Describe the following terms as used in information systems
     i.   Online processing   (4 marks)
     ii.   Real time processing   (4 marks)
c. List and discuss two types of data processing modes   (4 marks)
d. Describe the challenges faced by information managers in adopting a new information system in the organization?   (7marks)
e. Differentiate between video and audio conferencing? List two advantages of this technology.
                                                                      (8 marks)

QUESTION TWO
a. What is a computer system?   (3 marks)
b. Discuss the role of information system in society?   (15 marks)

QUESTION THREE
a. Explain the following as used in information systems:
     i) Management information system   (5 marks)

ii) Decision Support Systems   (5 marks)
iii) Transaction processing systems   (5 marks)

b. Explain the use of information for competitive advantage   (5 marks)

QUESTION FOUR
a. What are the primary reasons for networking among computers and computer-related devices?   (6 marks)
b. What are the key differences between a LAN and a WAN   (6 marks)
c. In what ways might telecommunications and networking be used to improve the profitability of this business?   (8 marks)

QUESTION FIVE
Why is MIS looked upon as a strategic need of management today? Discuss.   (20 marks)