



(Knowledge for Development)

KIBABII UNIVERSITY
(KIBU)

UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS
YEAR TWO SEMESTER TWO EXAMINATIONS

FOR DIPLOMA
(INFORMATION TECHNOLOGY)

COURSE CODE : DIT 080
COURSE TITLE : MANAGEMENT INFORMATION
SYSTEMS

DATE: 18/04/2023 TIME: 2.00 P.M. - 4.00P.M. 2HRS

INSTRUCTIONS TO CANDIDATES
ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE (COMPULSORY) [24 MARKS]

- a) What is Strategic information systems? [2 Marks]
- b) There are basically three types of decisions made in an organization. Explain giving examples of each type of decisions made by the management. [6 Marks]
- c) Differentiate between:- [10 Marks]
- i. Computer system and an information system
 - ii. DSS and ESS
 - iii. Data and information
 - iv. A Programmer and an Analyst
 - v. Patents and copyright
- d) Outline three positive and negative impacts of Information Systems in an Organization [6 Marks]

QUESTION TWO [18 MARKS]

- a) What is a Feasibility Study? [2 Marks]
- b) Outline the three responsibilities of a network administrator [3 Marks]
- c) Transaction processing system may be termed as a backbone system in any organization. Discuss giving three examples of these systems [6 Marks]
- d) Summarize the stages of system development life cycle [7 Marks]

QUESTION THREE [18 MARKS]

- a) Define the following terms:- [4 Marks]
- i. Management Information System
 - ii. System Analyst
 - iii. Information
 - iv. System
- b) Outline four advantages of system Development Life Cycle (SDLC) [4 Marks]
- c) Outline and explain the five functions of management. [5 Marks]
- d) Testing is one of the major stages of SDLC. State five functions of testing [5 Marks]

QUESTION FOUR [18 MARKS]

- a) Differentiate between piracy and privacy as used in major ethical issues faced by Information Technology (IT) [4 Marks]
- b) State and explain four methods that can be used to gather information during system development. [4 Marks]

- c) The number of people working in the ICT department depends on certain conditions. State and explain three of these conditions. **[6 Marks]**
- d) Many organizations have created a senior management position, the Chief Information Officer (CIO) who is responsible for information services Also known as an information technology (IT) director. Give two responsibilities of a CIO. **[4 Marks]**

QUESTION FIVE [18 MARKS]

- a) Explain one major objectives of feasibility study **[2 Marks]**
- b) Using a diagram, illustrate how the three major levels of users in an organization and the type of information system that they use. **[9 Marks]**
- c) There are a number of Decision Support Systems and can be categorized into five types
- d) Management Information Systems (MIS) are used by tactical managers to monitor the organization current performance status. Outline three Management Information systems and how they function in the organization. **[7 Marks]**