



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER EXAMINATIONS

FOR THE DIPLOMA

OF

INFORMATION TECHNOLOGY

COURSE CODE: DIT 080

COURSE TITLE: MANAGEMENT INFORMATION SYSTEMS

DATE: 13/04/2023

TIME: 8:00-9:30AM

INSTRUCTIONS TO CANDIDATES

Question ONE (1) is compulsory
Answer THREE (3) questions in total.
TIME: 1Hr 30 Min

MMUST observes ZERO tolerance to examination cheating

SECTION A

QUESTION ONE [24 MARKS]

- a) Differentiate between ESS and DSS [10 marks]
- b) Information used in business for decision making is generally categorized into three types: **Strategic, Tactical and Operational**. Discuss these three classifications of information. [9 marks]
- c) State **FIVE** objectives of a Management Information System. [5 marks]

SECTION B –Answer any two questions in this section

QUESTION TWO (18 MARK)

- a) Introduction of a computerized system in any organization or business comes with many challenges. As an IT expert how would you effectively apply an MIS in your organization [10 marks]
- b) Discuss any **FOUR** ways of gaining competitive advantage [8 Marks]

QUESTION THREE [18 MARKS]

- a. What is system Outsourcing? Discuss the types of outsourcing and the merits and demerits of outsourcing an MIS in an organization. [10 Marks]
- b. Discuss the factors that may lead to outsourcing of an MIS by an organization. [8 Marks]

QUESTION FOUR [18 MARKS]

- a. What do you understand by the term feasibility study in SDLC? Discuss the four areas of feasibility study and explain what takes place in each of the areas. [10 marks]
- b. List and briefly explain any **FOUR** system development methodologies that developers use. [8 marks]

QUESTION FIVE [18 MARKS]

- a. There are **TWO** major aspects of information system security. Name and briefly explain these aspects. [6 marks]
- b. Using typical example in your country, describe the following types of Invasion of Privacy as applied in MIS [12 Marks]
 - i. Intrusion of Solitude/Seclusion
 - ii. Appropriation of Names or Likeness
 - iii. Public Disclosure of Private Facts
 - iv. False Light