

10



(KNOWLEDGE FOR DEVELOPMENT)

KIBABII UNIVERSITY

(KIBU)

UNIVERSITY EXAMINATIONS

2019/2020 ACADEMIC YEAR

SPECIAL/SUPPLEMENTAERY EXAMINATION

SECOND YEAR SECOND SEMESTER

**FOR THE DIPLOMA IN
(INFORMATION TECHNOLOGY)**

COURSE CODE: DIT 080

**COURSE TITLE: MANAGEMENT INFORMATION
SYSTEMS**

DATE: 18/02/2021

TIME: 2.00 P.M. – 4.00 P.M

INSTRUCTIONS

ANSWER QUESTIONS ONE AND ANY OTHERTWO.

QUESTION ONE (COMPULSORY) [24 MARKS]

- a. Give a clear distinction between the following terms as used in MIS:-
- i) Information and Data
 - ii) Management and Communication
 - iii) System and Database
- [6 marks]**
- b. Using relevant examples differentiate between Operations support systems and management support system.
- [6 marks]**
- c. Explain why it is important for students to study management information systems in university?
- [6 marks]**
- d. Explain the following concepts as used in Management information system :-
- i) Information system
 - ii) Tactical Information
 - iii) Transaction processing system
- [6 marks]**

QUESTION TWO [18 MARKS]

- a. Explain the Functions of information systems in an organization
- [10 marks]**
- b. Securing an information system assures the organization of the overall information security because information is a major necessity for normal operation of any organization. In view of this statement, outline the goals of information security.
- [8 marks]**

QUESTION THREE [18 MARKS]

- a. Discuss the major Components of information systems
- [12 marks]**
- b. What are the objectives of database management
- [6 marks]**

QUESTION FOUR [18 MARKS]

- a. Organizations and individuals use different types of systems for different purposes. With the help of a diagram, discuss the two major categories of information systems.
- [15 marks]**
- b. List THREE Problems with file-based system
- [3 marks]**

QUESTION FIVE [18 MARKS]

- a. System development refers to all the activities that go into producing an Information System solution to an organizational problem or opportunity. Explain the System Development Life Cycle (SDLC).
- [12 marks]**
- b. Explain Three classifications of Application controls
- [6 marks]**