



(Knowledge for Development)

KIBABII UNIVERSITY

(KIBU)

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

**END OF SEMESTER EXAMINATIONS
YEAR ONE SEMESTER ONE EXAMINATIONS**

**FOR THE DEGREE OF
MASTER OF SCIENCE
(INFORMATION TECHNOLOGY)**

COURSE CODE : MIT 812

COURSE TITLE : BUSINESS INFORMATION SYSTEMS

DATE: 18/06/2022

TIME: 2.00 P.M – 5.00 P.M

**INSTRUCTIONS TO CANDIDATES
ANSWER ANY THREE QUESTIONS.**

QUESTION ONE [20 MARKS]

- a. Briefly discuss the benefits of information in an organization [4 marks]
- b. Describe any two functions of Business Information System [4 marks]
- c. Michael Porter suggests that there are two basic business strategies companies can follow to gain competitive edge over their competitors. Briefly explain these business strategies. [4 marks]
- d. You have been given the task of developing an business information system for an organization. You know the importance of data to and organization. Discuss any two objects that you will collect data about in the system that you will come up with. [4 marks]
- e. Explain any two characteristics that make information useful [4 marks]

QUESTION TWO [20 MARKS]

- a. Explain the any three of the five major transaction cycles that basic exchanges can be grouped into in an organization. [6 marks]
- b. Discuss any two actions that can be taken to improve the accuracy and efficiency of data input. [4 marks]
- c. In data processing, updating can be done through several approaches. If you're going through enrollment, with justification, which of approaches would you prefer that your university use? [4 marks]
- d. Some Business Information outputs are specifically for internal use. Briefly discuss three internal uses of information output in an organization. [6 marks]

QUESTION THREE [20 MARKS]

- a. Briefly discuss the concept of Business-IT Alignment. [6 marks]
- b. Describe any three Key Characteristics of Business-IT Alignment. [6 marks]
- c. Briefly describe the Strategic Alignment Model (SAM) [8 marks]

QUESTION FOUR [20 MARKS]

- a. What are the risks involved with launching an ERP project? [6 marks]
- b. You recently joined an upcoming university a Chief Information Officer and the VC asks you the question "Does this University need ERP?" With justifications, give a brief convincing response to this question. [8 marks]
- c. Discuss the various costs associated with the implementation of an ERP system for a midsize company. [6 marks]

QUESTION FIVE [20 MARKS]

- a. Differentiate between IT governance and IT management. [4 marks]
- b. Compare and contrast IT policy and IT procedure
- c. Discuss three benefits of Good IT Governance [6 marks]

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d. Describe any two Supporting frameworks developed to guide the implementation of information technology governance.

[6 marks]