



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2022/2023 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS YEAR THREE SEMESTER TWO EXAMINATIONS FOR THE DEGREE OF BACHELORS OF SCIENCE (INFORMATION TECHNOLOGY**)**

COURSE CODE : BIT 321

COURSE TITLE : INFORMATION MANAGEMENT

DATE: 19/04/2023

TIME: 09.00 A.M.-11.00 A.M.

2HRS

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE (COMPULSORY) [30 MARKS]

[4 marks]

- a. Differentiate between:
- i) Information technology and information management
 - ii) Qualitative and quantitative data
- b. Normal operation of any organization require information in order to run. Thus, it has to be maintained in a secure state. State five goals of information security. **[5 marks]**
- c. The use of management information systems came with benefits to organizations that embraced them. Discuss **[5 marks]**
- d. Deliberate four functions of an information system. **[8 marks]**
- e. Explain the concept of structured and unstructured data and state the challenges associated with analyzing each type of data **[4 marks]**
- f. Describe four information recovery techniques **[4 marks]**

SECTION B: ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO [20 MARKS]

- a. As a powerful tool, Information enables managers to make relevant decisions and help in the day-to-day operation of an organization. Explain the following types of information. **[8 marks]**
- i. Strategic information
 - ii. Tactical information
 - iii. Operational information
 - iv. Statutory information
- b. Good information is a necessity to any organization since it creates value to the organization. Clearly describe the characteristics of information which can be considered as good information. **[12 marks]**

QUESTION THREE [20 MARKS]

- a. Deliberate four components of an information system **[8 marks]**
- b. With the rise of big data and the rapid development of technology, information management trends have become a vital aspect of organizational success. Describe six major trends in information management that are shaping the business landscape today. **[12 marks]**

QUESTION FOUR [20 MARKS]

- a. An information system is a combination of several components working together to achieve a required objective. Explain the controls that can be put in place for effective functioning of an information system. **[10 marks]**
- b. Fact-finding is the process of gathering information in order to understand a particular issue, situation or problem. Several techniques are applied to achieve this process. Describe five fact-finding techniques and explain where they are best applied. **[10 marks]**

QUESTION FIVE [20 MARKS]

- a. Argue for or against the fact that Information Technology is a source of competitive advantage in organizations **[10 marks]**
- b. For information to be efficiently managed, it follows several principles. Describe the principles that ensure that information management activities are effective and successful. **[10 marks]**