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KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR
FIRST YEAR, FOURTH SEMESTER EXAMINATION
FOR THE DIPLOMA IN BUSINESS INFORMATION TECHNOLOGY
DIT 1011 – MANAGEMENT INFORMATION SYSTEMS

Date: 17TH APRIL 2022
Time: 11:30AM – 1:30PM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Define the following terms;
 - i) Documentation (2 Marks)
 - ii) Transaction Processing Systems (2 Marks)
 - iii) System (2 Marks)
- b) Briefly describe any four characteristics of good information (4 Marks)
- c) Distinguish between an open system and a closed system (5 Marks)
- d) Identify the major steps in systems development through the traditional waterfall approach. (6 Marks)
- e) When viewed from a functional perspective, there are various systems used in an organization. Identify any four systems used in the accounting and finance function. (4 Marks)
- f) Even though information systems are beneficial and give organizations competitive advantage, the development and implementation process is faced by several challenges. Describe three major management challenges to building and using information systems. (6 Marks)

QUESTION TWO (20 MARKS)

- a) Describe four types of reports produced by Management Information Systems. (8 Marks)
- b) Review three methods that can be used by a system analyst in gathering facts before a new system is developed. (6 Marks)
- c) Analyse data mining as an emerging trend in information systems. (6 Marks)

QUESTION THREE (20 MARKS)

- a) OMOLLO and Sons LTD is implementing a system that will help junior managers to keep track of the day to day transactions in the organization.
 - i) Identify this information system (2 Marks)
 - ii) Describe four characteristics of the information systems identified in (i) above (8 Marks)
- b) Discuss the rapid application development approach of system development. (10 Marks)

QUESTION FOUR (20 MARKS)

- a) Discuss the major types of computer information security breaches and the relevant controls (8 Marks)
- b) Discuss the three principles of information systems security. (6 Marks)
- c) Evaluate the three benefits of Enterprise resource planning systems. (6 Marks)

QUESTION FIVE (20 MARKS)

- a) In this digital age, organizations have been encouraged to adopt information systems in their operations. Discuss four benefits that an organization is likely to have by switching from manual and file-based database systems to using information systems. (8 Marks)
- b) Describe the characteristics of an Executive Information System (6 Marks)
- c) Discuss any two Knowledge Work Systems that can be used in an organization that manufactures and sells products. (6 Marks)