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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: 8TH December, 2023
Time: 11:30AM- 1:30PM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- Discus three components that an information system depends on in order to enhance its functionality. (6 Marks)
- Demonstrate your understanding on how Transaction Processing System (TPS) serve the operational level of an organization. (4 Marks)
- System analysis forms part of system development process where a feasibility report is issued. Elaborate three major areas addressed by a feasibility report. (6 Marks)
- Despite increased efforts by organizations to harness the benefits of information systems, system security remains a big threat. Expound on why this is the case by discussing threats to system security. (6 Marks)
- Explain four way on how information system will help an organization develop competitive advantage (8 Marks)

QUESTION TWO (20 MARKS)

- Discuss difficulties experienced in building a strategic information system (6 Marks)
- Enumerate four advantages of prototyping applicable in system building (8 Marks)
- Discus any **six** negative impacts of an information system to the society (6 Marks)

QUESTION THREE (20 MARKS)

- Discus various unethical methods adopted by unprofessional IS personnel to compromise the integrity of information systems and hence organization performance in general (8 Marks)
- System changeover is a technique that organizations uses in shifting from old systems to the new systems, discuss three conversion techniques involved in these changeovers (6 Marks)
- Discuss three organizational challenges that can arise from investment of information systems (6 Marks)

QUESTION FOUR (20 MARKS)

- Discuss five benefits why organizations build and adopt information systems (8 Marks)

- b) Reveal and discuss four examples of information systems that can be used to support an organization. In your discussion state purposes of these systems (8 Marks)
- c) Highlight five reasons why businesses are interested in adopting artificial intelligence (AI) (5 Marks)

QUESTION FIVE 20 MARKS

- a) Decision making is the key skill for a manager. Support this statement by revealing six responsibilities the managers are expected to make in an organization (6 Marks)
- b) Discuss any four characteristics of a good information system to an organization (8 Marks)
- c) Discuss core activities involved in the system development process (6 Marks)