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**KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR**  
**FIRST YEAR, SECOND SEMESTER EXAMINATION**  
**FOR THE DIPLOMA IN ACCOUNTING**  
**DIT 1011: MANAGEMENT INFORMATION SYSTEMS**

Date: 11<sup>TH</sup> AUGUST 2023

Time: 2:30PM-4:30PM

**INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

- a) Discuss three components that an information system depends on in order to enhance its functionality. (6 Marks)
- b) Demonstrate how a Transaction Processing System (TPS) serves at the operational level of an organization. (6 Marks)
- c) System analysis forms part of system development process where a feasibility report is generated. Elaborate three major areas addressed by a feasibility report. (6 Marks)
- d) Despite increased efforts by organizations to harness the benefits of information systems, system security remains a big threat. Review three threats to information system security. (6 Marks)
- e) Analyze three reasons for adoption of artificial intelligence in modern organizations. (6 Marks)

**QUESTION TWO (20 MARKS)**

- a) Discuss difficulties experienced in building a strategic information system. (6 Marks)
- b) Review four advantages of prototyping approach in system development. (8 Marks)
- c) Explain any **six** negative impacts of an information system to the society. (6 Marks)

**QUESTION THREE (20 MARKS)**

- a) Review various unethical methods adopted by unprofessional IS personnel to compromise the integrity of information systems and hence organization performance in general. (8 Marks)
- b) 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)
- c) Analyze how knowledge work systems are used to enhance performance of an organization. (6 Marks)

**QUESTION FOUR (20 MARKS)**

- a) Review five benefits of building and adopting information systems to business organizations. (8 Marks)

- b) Discuss four types of information systems that are used to support an organization's functions. (8 Marks)
- c) Distinguish between a Managing Information System (MIS) and an Executive Information System (EIS). (4 Marks)

**QUESTION FIVE (20 MARKS)**

- a) Decision making is a critical skill for all managers. Discuss three types of decisions that managers make using information systems. (6 Marks)
- b) Review any two emerging trends in management information systems. (8 Marks)
- c) Describe any three cyber-crimes that information system users should be aware of. (6 Marks)