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**KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**UNIVERSITY EXAMINATION, 2024/2025 ACADEMIC YEAR**  
**FIRST YEAR, FIRST SEMESTER EXAMINATION**  
**FOR THE DIPLOMA IN BUSINESS & INFORMATION TECHNOLOGY**  
**DBT 1004 – BUSINESS INFORMATION SYSTEMS**

Date: 18<sup>TH</sup> April 2024  
Time: 8:30AM – 10:30AM

**INSTRUCTIONS TO CANDIDATES**

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

**QUESTION ONE (30 MARKS)**

- As a businesses and individuals depends more on computers for storage of data and production of information, the capability to conduct business is vulnerable to attacks on computer systems. Discuss ways how we can manage risks from computer crimes (6 Marks)
- Discuss three ways how Business Information System(BIS) helps a business to promote their products and services (6 Marks)
- Discuss three types of information systems that can be adopted by a business to enhance production of goods and services. (6 Marks)
- System development refers to all activities that go into producing an information system solution for business enterprises. Highlight six core activities involved in system development process (6 Marks)
- Decision Support System (DSS) is an information system that which helps managers in decision making. Discus four components of a DSS (6 Marks)

**QUESTION TWO (20 MARKS)**

- A good information system must be able to produce essential information to the business. Discuss any four characteristics of a good information system to a business (8 Marks)
- Discuss four negative impacts of information systems to businesses (8 Marks)
- Discuss any four types of common inquiries in a business information unit applicable in most business environments. (4 Marks)

**QUESTION THREE (20 MARKS)**

- Discuss four benefits of information systems to a business (8 Marks)
- Discuss four ways how a business can protect its information system from loss, theft and damages (8 Marks)
- Briefly discuss four challenges brought by the use of online services in the day to day running of a business (4 Marks)

**QUESTION FOUR (20 MARKS)**

- Discuss four business challenges that can arise from the investment of information systems (8 Marks)
- Discuss four weakness of an electronic security system to a business (4 Marks)
- Decision making is the key skill for a manager in any business. Support this statement by discussing four responsibilities that managers are expected to make in an organization (8 Marks)

**QUESTION FIVE (20 MARKS)**

- a) 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 five threats to system security. (10 Marks)
- b) A prototype is a typical example of something. Highlight five disadvantages of prototyping in the development of an information system (5 Marks)
- c) State any five aims or objectives of a business entity (5 Marks)