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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
FIRST YEAR, FIRST SEMESTER EXAMINATION
FOR THE DIPLOMA IN BUSINESS INFORMATION TECHNOLOGY
DBT 1004 – BUSINESS INFORMATION SYSTEMS

Date: 08TH DECEMBER 2022

Time: 11:30 AM – 1:30PM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- State and briefly explain the different components of a computer-based information system. (5 Marks)
- Elucidate some of the challenges associated with online marketing and e-business. (5 Marks)
- Explicate how internet and World Wide Web have changed the roles played by information systems in organizations? (5 Marks)
- Explain five main differences between management information systems (MIS) and decision support systems (DSS). (5 Marks)
- Highlight any five methods of developing system. (5 Marks)
- Elaborate the different characteristics of transaction processing systems. (5 Marks)

QUESTION TWO (20 MARKS)

- Organizational systems are transforming businesses and their relationship with globalization. Discuss. (6 Marks)
- Internet technology has grown very fast in the society. Explain reasons for this. (6 Marks)
- Describe different activities that system analysts and system designers have to undergo through during system development life cycle. (8 Marks)

QUESTION THREE (20 MARKS):

- Describe the roles that Internet technology play in any business environment. (6 Marks)
- By use of a well labeled diagram, elaborate on how Waterfall model methodology of system development works. (6 Marks)
- Discuss four effective security management of e-business systems that can minimize errors, fraud and losses in internet worked computer-based systems that interconnects today's e-business enterprises. (8 Marks)

QUESTION FOUR (20 MARKS):

- Describe the roles of management systems in an organization. (6 Marks)
- Explain reasons why information systems matters in any business environment. (6 Marks)
- Discuss any four types of internet accessibility in the society. (8 Marks)

QUESTION FIVE (20 MARKS):

- Explain the characteristics of a Local Area network. (6 Marks)
- Describe how can information systems be utilized to support a firm's competitive strategies? (6 Marks)
- Discuss various information system threats that may cause destruction and loss of information within the systems. (8 Marks)