



# TECHNICAL UNIVERSITY OF MOMBASA

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## INSTITUTE OF COMPUTING AND INFORMATICS

### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

#### UNIVERSITY EXAMINATION FOR:

#### DIPLOMA IN ICT

#### EIT 2204: MANAGEMENT INFORMATION SYSTEM

#### END OF SEMESTER EXAMINATION

**SERIES:**AUGUST2019

**TIME:**2HOURS

**DATE:**Pick Date Aug2019

#### Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

**Do not write on the question paper.**

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#### Question ONE (20MARKS)

- a) Define the following: (10marks)
- Information
  - System
  - Information system
  - Management information system
  - Data
- b) Using a diagram explain the major component of a system (10marks)

#### Question TWO (20MARKS)

- a) There are four basic functions found in an organization: discuss (8marks)
- b) Describe the three management levels in organizations; discuss their various informational needs and responsibilities. Give examples (12marks)

Question **THREE (20MARKS)**

- a) Discuss the various desirable qualities of good information. (6 marks)
- b) Assume you are an ICT Officer with KPA, explain four factors you should consider when purchasing a software application for your department. (8marks)
- c) Explain three various ways of acquiring information system (6marks)

Question **FOUR (20MARKS)**

- a) Discuss four types of information systems used in various levels of management (8marks)
- b) With the aid of a diagram, explain the levels of management (10marks)
- c) Define management (2marks)

Question **FIVE (20MARKS)**

- a) With the aid of diagrams, explain the various levels of decision making in management giving a type of decision in each (10marks)
- b) Using a diagram explain types of information system. On each level state clearly the information system and discuss the type of the information characteristic and how they assist the managers at that level. (10marks)