



TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR:
BACHELOR OF SCIENCE IN DEVELOPMENT STUDIES
(BSDS)

BIT 2119: MANAGEMENT INFORMATION SYSTEMS

SPECIAL/SUPPLEMENTARY EXAMINATION
SERIES: MARCH 2014
TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

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

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One (Compulsory)

- a) Explain information resource management. **(4 marks)**
 - b) Explain **THREE** factors used to assess system performance. **(6 marks)**
 - c) Describe **THREE** activities necessary for any information system. **(6 marks)**
 - d) State **TWO** positive and **TWO** negative outcomes from a system change. **(4 marks)**
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- e) Describe FOUR strategies for managing information as a strategic asset. **(10 marks)**

Question Two

- a) With the aid of a diagram, explain the relationship between information/data and decisions made at various levels of an organization. **(10 marks)**
- b) Describe the following information systems:
- (i) Transaction support systems
 - (ii) Executive support systems
- (10 marks)**

Question Three

Describe the following resources in management information systems. **(20 marks)**

- a) People
 - b) Hardware
 - c) Software
 - d) Data/Database
 - e) Network
- (20 marks)**

Question Four

- a) Describe the benefits of implementing a management information system in an organization. **(5marks)**
- b) State the type of decisions and level of application in the organizational pyramid. **(3 marks)**
- c) Briefly describe each of the decision types in (b) above **(12 marks)**

Question Five

- a) Explain the impact of IT in modern business.. **(12 marks)**
- b) Describe FOUR IT applications used at the individual level. **(8 marks)**