



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

(A Centre of Excellence)

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY (DICT 10M)

EIT 2304: MANAGEMENT INFORMATION SYSTEM I

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: OCTOBER 2012

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consist of **FIVE** questions

Answer 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

SECTION A (COMPULSORY)

Question One (20 marks)

- a) Define Management Information System. **(2 marks)**
- b) What is an Information System? What activities does it perform? **(4 marks)**
- c) What is the meaning and importance of information system maintenance **(4 marks)**
- d) Define information system acquisition. **(2 marks)**
- e) What is the meaning of information system resource? **(2 marks)**
- f) What is the difference between data and information? **(4 marks)**

SECTION B (Answer Any Two Questions)

Question Two (20 marks)

- a) Describe some of the benefits that a company can attain from different types of management information system. **(8 marks)**
- b) What are the symptoms of a falling information system project? **(6 marks)**
- c) Explain reasons for aligning information system plan to organization plan. **(6 marks)**

Question Three (20 marks)

- a) Explain **FIVE** components that must come together in order to produce a computer based information system. **(5 marks)**
- b) With an aid of a diagram, explain information system planning process. **(10 marks)**
- c) Explain **FIVE** factors that influence information system acquisition. **(5 marks)**

Question Four (20 marks)

- a) Briefly explain the **FIVE** main qualities of a good management information system. **(5 marks)**
- b) Describe the process of information system acquisition process. **(10 marks)**
- c) List and describe **FIVE** reasons why information systems are so important for business today. **(5 marks)**

Question Five (20 marks)

- a) What are the role of top management in IS planning. **(5 marks)**
- b) Explain the following terms as used in information system maintenance. **(9 marks)**
 - i) Configuration Control Board (CCB)
 - ii) Regression Testing
 - iii) Releases
 - iv) Patches
 - v) Configuration Management
 - vi) Ripple Effect
- c) Explain how Enterprise applications and intranets promote business process integration and improve organizational performance. **(6 marks)**