



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Engineering & Technology

DEPARTMENT COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY - DICT2K10J

ECT 2304: MANGEMENT INFORMATION SYSTEM I

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: FEBRUARY/MARCH 2012

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consist of **FIVE** questions in **TWO** sections **A & B**

Answer question **ONE (COMPULSORY)** and any other **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **THREE** printed pages

SECTION A (COMPULSORY)

Question 1(compulsory)

- a) Define management information system [1marks]
- b) Define the term acquisition in relation to information system [1marks]
- c) Describe the methods for acquiring a new information system in an organization [4marks]
- d) State and Describe the components of Management Information System [4marks]
- e) By use of a diagram describe the different levels of management stating the roles being played in the different levels [2marks]
- f) Give one type of information system used in every level of management in a typical organization [4marks]

SECTION B (Answer any two questions)

Question 2

- a) What is meant by information system maintenance [1mark]
- b) State the functional units in a typical organization [5marks]
- c) State and describe the different methods of acquiring an information system [8marks]
- d) State the factors to consider when selecting a method of acquiring an information system [6marks]

Question 3

- a) Differentiate between strategic information system and management information system [4marks]
- b) Give the factors that may lead a project to be successful [6marks]
- c) Describe the different ways that an information system may be maintained [6marks]
- d) State the significance of information system resource management [4marks]

Question 4

- a) State the reasons that would make building an information system in-house to be preferred to buying the application from a vendor. [6marks]
- b) Give the role of information in an organization [8marks]
- c) Describe the types of reports generated by management information systems [6marks]

Question 5

- a) State and describe the different approaches to information system stating the disciplines studied in every approach [12marks]
- b) State the factors that may lead to failure of a project [4marks]
- c) State and describe the techniques of rescuing a failing information systems project [4marks]

