



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY – DICT JAN 2010

ECT 2209: MANGEMENT INFORMATION SYSTEM I

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: MAY/JUNE 2012

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

Answer Booklet

This paper consist of **FIVE** questions

Answer any **THREE** questions. Question **ONE** is compulsory

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question 1(compulsory – 20 marks)

- a) Distinguish between Management Information System and information system management [2marks]
- b) Define information system planning [1 marks]
- c) Why is it important to carry out information system project management [2marks]
- d) By use of a diagram, explain the different levels that exist in an organization [6marks]
- e) Describe the components of Management Information System [4marks]
- f) State and explain the roles of information in an organization [5marks]

Question 2 (20 marks)

- a) State and explain the different approaches in information system clearly stating the disciplines studied in every approach [12marks]
- b) Describe the **FOUR** types of reports generated by management information system [4marks]
- c) What are the reasons that may lead a project to be successful [6marks]

Question 3 (20 marks)

- a) State and describe types of information system that are used in an organization stating their characteristics [12marks]
- b) State and describe the different methods of acquiring an information system in an organization [4marks]
- c) What are the different ways of preventing a project from failing [6marks]

Question 4 (20 marks)

- a) Describe the process of information system acquisition [8marks]
- b) State the reasons that would make building an information system in-house to be preferred to leasing the application from a vendor. [4marks]
- c) State and describe the different ways of maintaining a system [8marks]

Question 5 (20 marks)

- a) Describe the information system planning process [8marks]
- b) Why should organization match the information system plan to the organization plan [4marks]
- c) Give the characteristics of a good management information system [5marks]
- d) State different ways of maintaining a system [3marks]