



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 TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY

(DICT 11M/DICT 10A/DIT 11M/DIT 2K 11M/DICT 2K 11M)

ECT 2209/EIT 2205: MANAGEMENT INFORMATION SYSTEMS (MIS)

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 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 (COMPULSORY)** 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) Why is it important to carry information system project management? **(1 mark)**
- b) State and explain the role of information system in an organization. **(5 marks)**
- c) State and describe **FOUR** types of information system that are used in an organization stating their characteristics. **(12 marks)**
- d) By use of a diagram, describe the different levels of management stating the roles being played in the different levels. **(12 marks)**

Question Two

- a) Define the following terms:
 - (i) Management Information System **(1 marks)**
 - (ii) Information System Planning **(2 marks)**
- b) Distinguish between management information system and information system management. **(2 marks)**
- c) State and describe the different methods of acquiring an information system in an organization. **(4 marks)**
- d) Give **FIVE** qualities of a good information system. **(5 marks)**
- e) Give the different ways of preventing a project from failing. **(6 marks)**

Question Three

- a) Define the term acquisition in relation to information systems. **(2 marks)**
- b) State and explain factors to consider when selecting a method of acquiring an information system. **(6 marks)**
- c) Give **ONE** type of information system used in every level of management in a typical organization. **(4 marks)**
- d) State the factors that may lead to failure of a project. **(4 marks)**
- e) State the reasons that would make building and information system (in-house) to be preferred to leasing the application from a vendor. **(4 marks)**

Question Four

- a) Give the characteristics of a good management information system. **(5 marks)**
- b) Describe the types of reports generated by management information systems. **(6 marks)**
- c) State the significance of information system resource management. **(4 marks)**
- d) Why should organization match the information system plan to the organization plan? **(5marks)**

Question Five

- a) State and describe the different approaches to information system stating the disciplines studied in every approach. **(12 marks)**

b) State and explain the functional units in a typical organization.

(8 marks)