



TECHNICAL UNIVERSITY OF MOMBASA
**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)

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: FEBRUARY 2013

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) By use of a diagram, explain the different levels that exist in an organization. **(8 marks)**
- b) Describe the components of management information system. **(4 marks)**
- c) State and explain the different approaches in information system clearly stating the disciplines studied in every approach. **(12 marks)**
- d) Give **SIX** reasons that may lead to a successful project. **(6 marks)**

Question Two

- a) State and describe the different methods of acquiring an information system. **(8 marks)**
- b) Describe **THREE** techniques of rescuing a failing information system project. **(6 marks)**
- c) State and explain the objectives of project management. **(6 marks)**

Question Three

- a) Describe the **FOUR** types of reports generated by management information system. **(8 marks)**
- b) Describe the **FOUR** stages of decision making. **(4 marks)**
- c) Describe **FOUR** business process/functional units within an organization. **(8 marks)**

Question Four

- a) What is meant by information system maintenance? **(1 mark)**
- b) State and describe the different ways of maintaining a system. **(8 marks)**
- c) State and explain the **THREE** types of decision making. **(3 marks)**
- d) Differentiate between strategic information system and management information system. **(8 marks)**

Question Five

- a) State the reasons that would make building an information system in-house to be preferred to buying the application from a vendor. **(4 marks)**
- b) Give the role of information system in an organization. **(8 marks)**
- c) Describe the process of acquiring an information system within an organization. **(8 marks)**