



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE

**DIPLOMA IN INFORMATION & COMMUNICATION
TECHNOLOGY**

END OF SEMESTER 2010 EXAMINATION

APRIL/MAY 2010 SERIES

MANAGEMENT INFORMATION SYSTEMS

TIME: 2 hours

INSTRUCTIONS TO CANDIDATES

Answer **ALL** Question in Section **A**
(Question 1 Compulsory) and any
TWO Questions in Section B.

SECTION A (COMPULSORY)

Question ONE

- (a). MIS is using technology to create business value. "Discuss".
(10 Marks)
- (b). Explain **FIVE** reasons for software project failure. (10 Marks)
- (c). List and explain **FIVE** characteristics of good MIS. (10 Marks)

SECTION B

Question TWO

- (a). By use of a diagram clearly explain the components of an information system.
(4 Marks)
- (b). Identify **FIVE** major management challenges to building and using information systems in organization.
(5 Marks)
- (c). (i). Define strategic information system. (2 Marks)
- (ii). List **THREE** basic strategies a firm can use to gain strategic advantage and in each suggest how Information Systems contributes to the strategy.
(9 Marks)

Question THREE

- (a). Good information is that which can be used which creates value and should possess a set of key characteristics. Clearly explain **FIVE** attributes of good information that may be of interest to management organizations.
(10 Marks)
- (b). Explicitly explain why organizations build information systems.
(10 Marks)

Question FOUR

- (a). (i). Define a system. (2 Marks)
- (ii). Discuss **FIVE** types of systems. (10 Marks)
- (b). List and explain **FOUR** characteristics of systems. (8 Marks)

Question FIVE

- (a). Analyze the role played by the **SIX** major types of information systems in organizations. **(12 Marks)**
- (b). (i). List **FOUR** methods used in the acquisition of information systems. **(4 Marks)**
- (ii). List **TWO** advantages of the methods in question b(i). above. **(4 Marks)**