



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

*Faculty of Engineering & Technology*

DEPARTMENT OF COMPUTER SCIENCE

**ADVANCE CERTIFICATE IN INFORMATION  
TECHNOLOGY (ACIT)**

**FINAL EXAMINATIONS**

**APRIL/MAY 2010 SERIES**

**INFORMATION SYSTEM MANAGEMENT**

**TIME: 2 hours**

**INSTRUCTIONS TO CANDIDATES**

There are **FIVE** Questions in this paper **Section A** –  
Question 1 is **COMPULSORY**,  
Answer **ANY TWO** Questions in **SECTION B**.

## **SECTION A**

### **Question ONE**

- (a). (i). Define management.  
(ii). Define Information System IS.  
(iii). Name any **TWO** purpose of IS Management.

**(4 Marks)**

- (b). Outline any **TWO** activities for each of the following management roles:

- (i). Interpersonal role  
(ii). Informational role  
(iii) Decisional role

**(6 Marks)**

- (c). Name any **TWO** IS personnel that fall in the categories below:

- (i). Operation  
(ii). Technical  
(iii). Systems

**(3 Marks)**

- (d). Name **SIX** types of Information System IS. **(3 Marks)**

- (e). State **TWO** aims of computer capacity planning. **(4 Marks)**

- (f). Explain any **FIVE** reasons that make IS management important. **(5 Marks)**

- (g). List **FIVE** key factors that will make a manager to succeed. **(5 Marks)**

## **Section B**

### **Question TWO**

- (a). Describe any **FIVE** sources of threat to organizational data. **(10 Marks)**

- (b). Describe any **FIVE** methods of ensuring data security. **(10 Marks)**

### **Question THREE**

- (a). Describe any **TWO** methods that can determine the capacity of an organization. **(4 Marks)**

- (b). (i). Describe any **FOUR** factors affecting computer planning in an organization.

- (iii). Suggest solutions to the factors in Q7 (b) (i) above.

**(16 Marks)**

**Question FOUR**

- (a). State any **FOUR** technical specifications that are key in procuring a CPU. **(4 Marks)**
- (b). Describe any **FIVE** major procurement stages. **(10 Marks)**
- (c). Describe any **SIX** steps you would undertake to ensure Information System Disaster recovery. **(6 Marks)**

**Question FIVE**

- (a).
  - (i). Describe **THREE** types of planning. **(6 Marks)**
  - (ii). Outline **FIVE** principles of planning. **(5 Marks)**
- (b). Describe the following terms as applied in IS management.
  - (i). Organizational assets
  - (ii). Managerial assets
  - (iii). Social assets**(9 Marks)**