



TECHNICAL UNIVERISTRY OF MOMBASA

# Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN BUSINESS MANAGEMENT

DIPLOMA IN ACCOUNTANCY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY

**EIT 2204: MANAGEMENT INFORMATION SYSTEMS (MIS)**

END OF SEMESTER EXAMINATION

**SERIES: AUGUST 2014**

**TIME: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions.

Attempt 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) Define Data Processing. **(1 mark)**
- b) Explain the main classification of computer programming languages. **(6 marks)**
- c) Write short notes on the following types of software and give an example in each case. **(6 marks)**
  - (i) System Software
  - (ii) Programming Language
  - (iii) Application Software
- d) Define Management Information System. **(2 marks)**
- e) Give an account of historical development of computers based on generation. **(10 marks)**

### **Question Two**

- a) Draw a well labeled diagram to describe the functional elements of a computer. **(6 marks)**
- b) Distinguish between computer hardware and software giving an example in each. **(4 marks)**
- c) Explain the classification of computer based on functionality. **(5 marks)**

### **Question Three**

- a) Explain the benefits of using the electronic data processing systems in the organization today. **(5 marks)**
- b) Briefly describe the information systems listed below:
  - (i) SIS
  - (ii) DSS
  - (iii) ERP
  - (iv) KMS
  - (v) TPS

### **Question Four**

- a) List and explain the FIVE functions found in an Information System. **(10 marks)**
- b) Briefly describe any FIVE attributes of a good information system. **(5 marks)**

### **Question Five**

- a) Define the term e-commerce **(2 marks)**
- b) List and explain any FOUR E-payment modes that you know. **(8 marks)**
- c) Differentiate the following computer concepts:
  - (i) Primary Memory & Secondary Memory
  - (ii) Serial and Random File Organization

- (iii) ROM and RAM
- (iv) Optical Media & Magnetic Media
- (v) Hardware and Software

**(5 marks)**