



TECHNICAL UNIVERISTRY OF MOMBASA

# Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN HUMAN RESOURCE MANAGEMENT  
DIPLOMA IN BUSINESS MANAGEMENT  
DIPLOMA IN SUPPLY MANAGEMENT  
DIPLOMA IN LOGISTIC & TRANSPORT MAANGEMENT  
(DHRM, DBM, DLTM, DSM, DPMM)

**EIT 2101: COMPUTER APPLICATION**

END OF SEMESTER EXAMINATION

**SERIES: APRIL 2015**

**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) Use a well labeled diagram to illustrate the different software categories **(15 marks)**
- b) What are the advantages of off-the-shelf software packages **(5 marks)**

### Question Two

- a) Describe “Data Type” used in database manage and explain any FOUR “data types” of your choice **(10 marks)**
- b) Explain the following Access objects:
- (i) Form
  - (ii) Query
  - (iii) Table
  - (iv) Report
  - (v) Macros
- (10 marks)**

### Question Three

- a) Clearly describe the term primary key as used in access and list examples of primary key **(5 marks)**
- b) Briefly explain the steps for creating a report in Ms Access **(5 marks)**
- c) What are the main functions of database management systems **(10 marks)**

### Question Four

- a) Explain any TWO advantages and THREE disadvantages of the internet to the Kenyan Society today **(10 marks)**
- b) How are computer being Applied in the following fields:
- (i) Transport
  - (ii) Business
  - (iii) Medicine
  - (iv) Security
  - (v) Communication
- (10 marks)**

### Question Five

- a) Explain the following terms:
- (i) Network
  - (ii) CPU
  - (iii) Mail merging
  - (iv) RAM
  - (v) ROM
- (10 marks)**
- b) Describe the following term as used in spreadsheet:
- (i) Formular
  - (ii) Cell
  - (iii) Chart
  - (iv) Function
  - (v) Cell-Address
- (10 marks)**