



# THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

## *Faculty of Engineering and Technology*

### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION TECHNOLOGY  
DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY  
DIT 11M/DIT2K 11M/DICT 11M/DICT2K 11M  
YR 1 SEM 1

**EIT 2103/EIT 2101: COMPUTER APPLICATIONS**

**END OF SEMESTER EXAMINATIONS**

**SERIES: AUGUST/SEPTEMBER 2011**

**TIME: 2 HOURS**

#### **Instructions to Candidates:**

You should have the following for this examination

- *Answer booklet*

Answer question **ONE (COMPULSORY)** and any other **TWO** questions

This paper consists of **THREE** printed

### Question 1 (Compulsory)

- a) Outline any **TWO** limitations of file based systems (2 marks)
- b) Explain the following terms  
(i) Database  
(ii) DBMS  
(iii) Primary key field (6 marks)
- c) Outline any **FOUR** advantages of Database (4 marks)
- d) List and explain any **THREE** Ms Access data objects (6 marks)
- e) List any **FOUR** data types used in Ms Access (2 marks)

### Question 2

- a) You want to make a business report look really professional. Describe **FOUR** features of a word processor that can turn a dull document into an eye catching one (4 marks)
- b) List **TWO** benefits of using computers in your field of training (2 marks)
- c) Explain the functions of the following Ms-word interface  
i) Quick access toolbar  
ii) Formatting  
iii) Editing  
iv) Menu bar (8 marks)
- d) Define the following Ms-PowerPoint terminologies  
(i) Slide  
(ii) Animation  
(iii) Transition (6 marks)

### Question 3

- a) Describe the use of the following Ms-DOS commands showing examples how they are used  
(i) DIR  
(ii) CD  
(iii) MD  
(iv) RD  
(v) Del  
(vi) Ren (12 marks)
- b) Describe **FOUR** functions of Operating Systems Software (8 marks)

### Question 4

- a) Explain the use of the following functions found in Ms-Excel  
(i) SUM

- (ii) RANK
  - (iii) TODAY
  - (iv) MAX
- (8 marks)

b) State and explain **FOUR** types of operating systems (8 marks)

c) Draw and name the relationship between data, data processing and information (4 marks)

**Question 5**

a) State characteristics of good information (5 marks)

b) Explain the meaning of the following Ms-Excel terms

- (i) Cell
  - (ii) Worksheet
  - (iii) Workbook
  - (iv) Cell Reference
- (8 marks)

c) State any **FOUR** characteristics of devices which marked the historical development of computers (4 marks)

d) Explain the following

- (i) Manual Systems
  - (ii) Mechanical Systems
  - (iii) Electrical Systems
- (3 marks)