



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

(A Centre of Excellence)

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

**CERTIFICATE IN MEDIA COMMUNICATION
(CMC)**

EIT 1101: COMPUTER APPLICATIONS

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: OCTOBER 2012

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consist of **FIVE** questions

Answer question **ONE** and any other **TWO** questions
Maximum marks for each part of a question are as shown
This paper consists of **THREE** printed pages

SECTION A (COMPULSORY)

Question One (20 marks)

- a) Giving examples explain the following:
- i) Spreadsheet
 - ii) Databases Management System
 - iii) Browser
 - iv) Groupware
- b) Describe how you can perform the following functions on a computer. **(2 marks)**
- i) Create a folder
 - ii) Remove a flash disk
- c) Assume the you typed some data in word processing package. Explain what happens to the text when you puss the following things on a keyboard. **(5 marks)**
- i) CTRL +A
 - ii) CTRL+B
 - iii) CTRL+U
 - iv) CTRL+Z
 - v) CTRL+X
- d) What are the advantages of using tables during processing of data in Ms Word? **(3 marks)**
- e) Define the following terms as used in database and give an example of each.
- i) Primary key
 - ii) Field name
 - iii) Data type
- f) Discuss the reports of social website like face book in a financial institution business. **(3 marks)**
- g) Describe **THREE** challenges facing manager as they by to computerize their organizations. **(3 marks)**
- h) What are the advantages of using computer in the world of business today? **(3 marks)**

SECTION B (Answer Any Two Questions)

Question Two (15 marks)

- a) Computer network are very important in an organization discuss the advantages of computer networks in a media organization. **(10 marks)**
- b) TCT has transformed organization in many ways using examples discuss how IT transformed business in any organization of your choice. **(5 marks)**

Question Three (15 marks)

- a) Define viruses. Discuss the symptoms of viruses of viruses and how we can prevent the spread of viruses in an organization. **(10 marks)**
- b) Explain the impacts of computers in our society. Give one life example where necessary. **(5 marks)**

Question Four (15 marks)

- a) What is multimedia? What technologies are involved? **(6 marks)**
- b) Write short notes under the following subsystems.
- i) Application SW
 - ii) System Software
 - iii) Auxially storage. **(9 marks)**

Question Five (15 marks)

- a) Explain sever system tools services which support the computer hardware. Give examples where necessary. **(7 marks)**
- b) What are the **FOUR** different types of semi-conductor memory and where are they necessary used. **(8 marks)**