



**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 2101: COMPUTER APPLICATION**

**END OF SEMESTER EXAMINATION**

**SERIES: AUGUST 2012**

**TIME: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consist of **FIVE** questions in **TWO** sections A & B

Answer question **ONE (COMPULSORY)** 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 (30 marks)**

- a) List and describe the major input devices. **(7 marks)**
- b) List and describe the major output devices. **(7 marks)**
- c) What is multimedia? What technologies are involved?
- d) What factor do you consider when purchasing printer for a media house? **(6 marks)**
- e) Explain how you can use the following packages in day to day activities in a media house:
  - (i) Desktop Publishing
  - (ii) Microsoft Publisher
  - (iii) Microsoft Word
  - (iv) Spreadsheet **(7 marks)**
- f) What are the advantages of using computer in publishing firms? **(8 marks)**

**SECTION B (Answer Any Two Questions)**

**Question Two (15 marks)**

- a) What are the major types of software? How do they differ in terms of users and uses. **(4 marks)**
- b) Using diagram explain the major components and functions of each. **(6 marks)**
- c) Differentiate between data and information. **(2 marks)**
- d) Discuss **THREE** application areas of computer in media. **(3 marks)**

**Question Three (15 marks)**

- a) Identify the main components of a local area network. **(3 marks)**
- b) Briefly define a star network and discuss its advantages and disadvantages. **(6 marks)**
- c) List the most important secondary storage media. What are the strengths and limitations of each? **(6 marks)**

**Question Four (15 marks)**

- a) Name the disadvantages associated with outsourcing of information technology services. **(5 marks)**
- b) Explain the impacts of computers in our society. Give real life examples where necessary. **(5 marks)**
- c) IT has transformed organizations in many ways. Using examples show how IT can transform business in any organization of your choice. **(5 marks)**

**Question Five (15 marks)**

- a) A word processing program, allow the user to create, edit, format and print a document. Explain the meaning of the terms as applied above:
  - (i) Edit
  - (ii) Format
  - (iii) Print **(6 marks)**

**b)** Explain how you can perform the following action using a computer keyboard only.

- (i)** Save
- (ii)** Copy
- (iii)** Paste
- (iv)** Select
- (v)** Find
- (vi)** Print

**(6 marks)**

**c)** Differentiate the following terms as used in Microsoft Word processing.

- (i)** Save and save as
- (ii)** Cut and paste
- (iii)** Copy and paste

**(3 marks)**