



# THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

*Faculty of Engineering and Technology*

**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

**CERTIFICATE IN INFORMATION TECHNOLOGY – CIT 2K 11M**

**EIT 1122: FOUNDATION OF COMPUTER & OPERATING SYSTEMS**

**SPECIAL/SUPPLEMENTARY EXAMINATION**

**SERIES: OCTOBER 2011**

**TIME: 2 HOURS**

## **Instructions to Candidates:**

You should have the following for this examination

- *Answer booklet*

Answer question **ONE (COMPULSORY)** in section A and any other **TWO** questions from section B

Maximum marks for each part of a question are clearly shown.

This paper consists of **THREE** printed pages

## SECTION A – Compulsory

### Question 1 (30 marks)

- a) Define a computer? (2 Marks)
- a) Identify the major characteristics of computer. (5 Marks)
- b) Explain types of computer according size and to how they process data (8 Marks)
- c) Explain the following terms as used in computing  
i) Data  
ii) Information  
iii) Program  
iv) Hardware  
v) Software  
(10mks)
- d) What is the meaning of Output devices, explain four basic types of Output devices (5marks)

## SECTION B (ANSWER ANY TWO QUESTIONS)

### Question 2 (20 marks)

- a) Describe input devices explaining three common input devices 4marks
- b) Distinguish between **ROM** and **RAM** (4marks)
- c) Discuss the important components/features of the screen in ms-word. (10 marks)
- d) list down the factor to consider when selecting a printer (2marks)

### Question 3 (20 marks)

- a) Define computer software and explain two types of software (5marks)
- b) Give FIVE importance of operating system (5marks)
- c) What is power point? (2marks).
- d) Write down procedures that are followed when applying slide timing (3marks.)
- e) List down five situations under which PowerPoint presentation can apply. (5marks).

### Question 4 (20 marks)

- a) Define computer software and explain two types of software (5marks)
- b) Give **FIVE** importance of operating system (5marks)

- c) What is power point? (2marks)
- d) Write down procedures that are followed when applying slide timing (3marks.)
- e) List down five situations under which PowerPoint presentation can apply. (5marks).

**Question 5 (20 marks)**

- a) With an Aid of a diagram explain functions of computer system (8marks)
- b) Explain the following
  - i. Arithmetic Logic unit
  - ii. Central processing unit
  - iii. Central processing unit (6marks)
- c) What is mail merge, outlining three steps to follow when mail merging, then write down the procedures followed when mail merging. (6marks).