# THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

## *Faculty of Engineering & Technology*

### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

PRE-CERTIFICATE IN INFORMATION TECHNOLOGY (PCIT/JAN2012/S-FT)

### EIT 1001: FUNDAMENTALS OF COMPUTERS & OPERATING SYSTEMS

END OF SEMESTER EXAMIANTION

**SERIES:** APRIL 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 (20 Marks)

a)  Define a computer                                                                         (2 marks)
b)  Identify the important characteristics of a computer                       (8 marks)
c)  Define computer software and explain the **TWO** classification of software   (6 marks)
d)  Define the following terms:
      (i)      Program
      (ii)     File
      (iii)    Folder
      (iv)    Drive                                                     (4 marks)

### SECTION B (Answer Any Two Questions)

### Question Two (20 marks)

a)  What is a wizard?                                                                        (2 marks)
b)  Outline the properties of a folder                                              (8 marks)
c)  Identify the types of user accounts                                            (6 marks)
d)  List and explain the **TWO** types of folders                            (4 marks)

### Question Three (20 marks)

a)  Highlight the uses of Input Units                                               (2 marks)
b)  Write short notes on the following input devices                       (10 marks)
      (i)      Touch screen:
      (ii)     Graphics tablet
      (iii)    Printer
      (iv)    Plotter
      (v)     Terminal

c)  What are the functions of an Operating Systems?                      (8 marks)

### Question Four (20 marks)

a)  What is a title bar?                                                                     (1 mark)

b)  Write short notes of the following storage media                      (4 marks)
      (i)     Floppy Disk
      (ii)    Hard Disk

c)  Distinguish between primary memory and secondary memory       (4 marks)

d)  Write down the procedure followed in changing the date and time of a computer system
                                                                                                        (6 marks)
e)  Write down the procedure followed in changing the screensaver       (5 marks)

### Question Five (20 marks)

a)  What is a shortcut?                                                                     (2 marks)

b) Explain the important icons of windows desktop                                    (8 marks)

c) Write down the procedure followed to copy and paste a document from one drive to another
                                                                                        (2 marks)
d) Write down the procedure followed when creating a folder in my documents folder
                                                                                        (2 marks)
e) What are features of a folder?                                                      (6 marks)