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: FUNDAMENTALS OF COMPUTERS AND OPERATING SYSTEM

END OF SEMESTER EXAMINATIONS

SERIES: AUGUST/SEPTEMBER 2011

TIME: 2 HOURS

Instructions to Candidates:
This paper consist of **TWO** sections **A** and **B**
Answer question **ONE (COMPULSORY)** and any other **TWO** questions from the list of questions below
This paper consists of **THREE** printed pages
SECTION A COMPULSORY (30 MARKS)

Question 1

a) Describe **TWO** impact printers as output devices   (2 marks)

b) Distinguish between data and information   (2 marks)

c) Describe the following mouse operations   (2 marks)

    (i)   Double click
    (ii)   Drag and drop

d) Briefly describe the following

    (i)   CRT Monitor   (3 marks)

    (ii)   LCD monitor   (3 marks)

    (iii)   Give FOUR disadvantages of CRT monitors   (4 marks)

e) Distinguish between the DVD and the Blue-Ray?   (4 marks)

f) State the function of the following tools in the control panel of windows operating system

    (i)   Administrative tools   (2 marks)

    (ii)   Add/Remove Programs   (2 marks)

    (iii)   Display   (2 marks)

    (iv)   Accessibility options   (2 marks)

    (v)   Regional an language options   (2 marks)

SECTION B (ANSWER ANY TWO QUESTIONS)

*This section consists of **FOUR** questions 20 marks each.*
Choose any two questions

Question 2 (20 marks)

a) Describe the steps in searching for a file using windows XP search tool   (16 marks)

b) Describe the steps in changing the font size in windows XP   (4 marks)

Question 3 (20 marks)

a) Describe the **THREE** major types of software   (9 marks)

b) With examples briefly describe the following:
    (i)   Primary storage media   (8 marks)
    (ii)   Tertiary storage media   (3 marks)

Question 4 (20 marks)

a) Define Graphical User Interface (GUI)   (4 marks)

b) What are the benefits of the GUI concept   (16 marks)

Question 5 (20 marks)

Discuss the different types of computers, highlighting how their characteristics make them unique for their specific tasks   (20 marks)