THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY (DIT/MAY2011)

EIT 2107: INSTALLATION & CUSTOMIZATION

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: MAY/JUNE 2012
TIME: 2 HOURS

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Instructions to Candidates:
You should have the following for this examination
- *Answer Booklet*

This paper consist of **FIVE** questions
Answer any **THREE** questions. Question **ONE** is compulsory
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) Explain any **FOUR** functions of operating systems. **[8 marks]**

b) Explain any **THREE** differences between application software and systems software. **[6 marks]**

c) Explain any **FIVE** factors that need to be considered before installing any operating system in a new computer. **[10 marks]**

d) Explain any **THREE** features of Network Operating Systems. **[6 marks]**

SECTION B (Attempt Any TWO Questions)

QUESTION TWO (20 MARKS)

a) Hawaah was interested in buying a new computer. Describe any **ten** major components she is likely to find in the system unit. **[20 marks]**

QUESTION THREE (20 MARKS)

a) Explain the following terms:

    i)   Windows Registry.
    ii) Device Manager.
    iii) Control Panel.
    iv) Device drivers. **[8 marks]**

b) i) Explain the term "Utility Programs". **[2 marks]**

    ii) Explain the term "Computer Virus". **[2 marks]**

    iii) Explain any **FOUR** signs of viral attack to a computer. **[8 marks]**

QUESTION FOUR (20 MARKS)

a) Describe any **FOUR** interrupts. **[12 marks]**

b) Explain the functions of the following:
    i)   Disk formatting.
    ii) Disk partitioning.
    iii) Disk defragmentation.
    iv) Screen saver. **[8 marks]**

QUESTION FIVE (20 MARKS)

a) State the **FOUR** folders found in Windows XP Registry and their contents   **[8 marks]**

b) Explain the following terms:

    i)   File Allocation Table, (FAT32).
    ii)   New Technology File System (NTFS).
    iii) Setup XP.
    iv) Repair XP.
    v)   Active partition.
    vi) Primary partition.   **[12 marks]**