



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

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]