



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

(A Centre of Excellence)

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY

DIPLOMA IN INFORMATION TECHNOLOGY

(DICT/DIT)

EIT 2107/ECT 2106: INSTALLATION & CUSTOMIZATION

END OF SEMESTER EXAMINATION

SERIES: AUGUST 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 (30 marks)

- a) What is clean installation? **(2 marks)**
- b) Differentiate between the following:
i) Part
ii) Plug
iii) Connector **(3 marks)**
- c) What are utilities? Give **THREE** examples. **(5 marks)**
- d) During application software installation, there are three methods one can use to install software. Give a short description of the various procedures. **(6 marks)**
- e) During Windows XP installation setup will prompt you with the following options; Typical Settings and Custom Settings. Differentiate between the two. **(4 marks)**

SECTION B (Answer Any Two Questions)

Question Two (20 marks)

- a) What is RAID as used in computer hardware? Outline the levels of RAID technology. **(16 marks)**
- b) Explain disk mirroring as used in hardware technology. What is system software? **(4 marks)**

Question Three (20 marks)

- a) What are categories of user accounts in Window XP? **(6 marks)**
- b) What is application software? Give **TWO** examples. **(4 marks)**
- c) Discuss the operating system as a:
i) Resource Allocator **(2 marks)**
ii) Control Program. **(2 marks)**
- d) Windows XP Manages the storage and retrieval of files on a disk drive with the use of file systems state and explain **THREE** filing systems in Window XP. **(6 marks)**

Question Four (20 marks)

- a) State **FIVE** input devices and their functions. **(5 marks)**
- b) Differentiate between partitioning and formatting. **(5 marks)**
- c) What are the goals of an operating system? **(5 marks)**
- d) Programming software usually provides tools to assist a programmer in writing computer programs and software using different programming languages in a more convenient way. List the tools used. **(5 marks)**

Question Five (20 marks)

Compare the following Windows file systems:

- i) Encrypted file system
- ii) Compression
- iii) Disk quotas
- iv) Advanced Security
- v) Large volume sizes.

(20 marks)