



TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY (DICT)

ECS 2110: INSTALLATION & CUSTOMIZATION

END OF SEMESTER EXAMINATION

SERIES: APRIL 2013

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Attempt question **ONE** and any other **TWO** questions
Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One (Compulsory)

- a) Define the term booting. **(4 marks)**
- b) State and explain the **TWO** types of booting. **(4marks)**
- c) What do you understand by the term POST, explain briefly. **(2 marks)**
- d) Differentiate between 32 bits and 64 bits processor. **(4marks)**
- e) Differentiate between a serial port and parallel port. Give example of each. **(6 marks)**

Question Two

- a) Discuss the various types of computer connectors. **(15 marks)**
- b) Differentiate between administrator account privilege and standard user account privilege giving rights and example of each. **(5 marks)**

Question Three

Software is a general term referring to all programs running a computer. Explain the following types of software giving at least two function and an example of each. **(20 marks)**

- (i) Application software
- (ii) System software
- (iii) Operating system (OS)
- (iv) Utility software
- (v) Customized software

Question Four

Explain the following windows system file features: **(20 marks)**

- (i) Encryption file system
- (ii) Compression
- (iii) Disk quotas
- (iv) Advanced security
- (v) Digital signature

Question Five

- a) Differentiate between partitioning and formatting. **(6 marks)**
- b) Window XP manages the storage and retrieval of files on a disk drive with the use of file system. State and explain **THREE** filing system in windows XP. **(6 marks)**
- c) Discuss the following types of portioning: **(8 marks)**
 - (i) Primary partion
 - (ii) Extended partion
 - (iii) Hidden partion
 - (iv) Active partion

