



TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION TECHNOLOGY (DICT)

ECS 2109: INSTALLATION & CUSTOMIZATION

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 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 **THREE** printed pages

Question One (Compulsory)

- a) Define the term booting (2 marks)
- b) State and explain the TWO types of booting (4 marks)
- c) What do you understand by the term post, explain briefly (4 marks)
- d) What is software customization explain? (3 marks)
- e) Explain the procedure of operating system installation briefly. (7 marks)

Question Two

- a) Differentiate between 32 bits and 64 bits operating system (4 marks)
- b) Explain the procedure of installing internal hardware (6 marks)
- c) Explain the procedure of removing and adding application programs in a computer (4 marks)
- d) Briefly explain what desktop operating system giving its characteristics (6 marks)

Question Three

- a) Explain the following types of user account. (8 marks)
 - (i) Administrator account
 - (ii) Standard user account
 - (iii) Guest user account
 - (iv) Backup user account
- b) What do you understand by plug and play devices (d) when I start my computer; I get error message “system booting cannot be located give solution briefly. (2 marks)
- c) I accidentally deleted my “MsPaint.exe.”/” notepad.e.x.e “/etc file, how can I get it back? Find solution. (5 marks)

Question Four

- a) Explain the following types of software giving at least TWO functions and an example: (16 marks)
 - (i) Application software
 - (ii) System software
 - (iii) Operating systems (OS)
 - (iv) Utility software
- b) Briefly explain what network operating system is giving it characteristics (4 marks)

Question Five

- a) Differentiate between the following types of partitions:
 - (i) Primary partition
 - (ii) Logical partition
 - (iii) Hidden partition

(iv) Active partition **(8 marks)**

b) Define the term computer crime. **(2 marks)**

c) Explain the meaning of each of the following with reference to computer crimes. **(12 marks)**

(i) Cracking

(ii) Hacking

(iii) Tapping

(iv) Piracy

(v) Data alteration

(vi) Fraud

(vii) Trespass