



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 processor (4 marks)
- b) Explain the procedure 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 accounts (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 when I start my computer, I get error message 'system booting cannot be located' give solution briefly. (5 marks)
- c) I accidentally deleted my "MsPaint.exe. "/" notepad.exe "/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 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) The performance to My Computer has slowed. Explain what to do to improve this solution. **(6 marks)**
- c) When I start my computer, I get error message “system booting cannot be located’ give solution briefly. **(6 marks)**
- d) Define the term computer crime. **(2 marks)**
- e) Explain the meaning of each of the following with reference to computer crimes: **(14 marks)**
- (i) Cracking
  - (ii) Hacking
  - (iii) Tapping
  - (iv) Piracy
  - (v) Data alteration
  - (vi) Fraud
  - (vii) Trespass
- f) Define computer security. **(2 marks)**