



TECHNICAL UNIVERISTRY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN INFORMATION COMMUNICATION TECHNOLOGY (CICT)

EIT 1109: COMPUTER INSTALLATION & CUSTOMIZATION

END OF SEMESTER EXAMINATION

SERIES: APRIL 2015

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 (Compulsory)** 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 computer software and hardware installation. **(4 marks)**
- b) Explain the procedure of installing computer hardware to your system **(5 marks)**
- c) What are the major functions of operating system (OS) **(5 marks)**
- d) Explain the steps involved in preventing maintenance techniques for operating system **(6 marks)**

Question Two

- a) Describe the procedures of installing a printer to a computer system **(10 marks)**
- b) Briefly explain the following printer paper feeding mechanism
 - (i) Traction feed
 - (ii) Friction feed**(5 marks)**

Question Three

- a) Explain the factors to consider when upgrading your computer memory (RAM) **(10 marks)**
- b) Describe the type of test to be done in troubleshooting a PSU of a computer system **(10 marks)**

Question Four

- a) Explain the precautions to be taken when opening a computer system unit casing **(10 marks)**
- b) State at least FIVE tools and FIVE materials used in computer repair **(10 marks)**

Question Five

- a) Define the following terminologies:
 - (i) Device drivers
 - (ii) Booting
 - (iii) Interrupts
 - (iv) Operating system
 - (v) Memory slots**(10 marks)**
- b) State and explain the factors to consider when choosing input and output devices to be used with a computer system **(10 marks)**