



TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN INFORMATION TECHNOLOGY

EIT 1108: WORKSHOP PRACTICE TECHNOLOGY

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 **TWO** printed pages

Question One (Compulsory)

- a) Explain the term computer workshop practice (5 marks)
- b) Name FIVE general Rules of computer workshop (5 marks)
- c) Why a eating or drinking/liquids not allowed in computer workshop explain (5 marks)
- d) List FIVE illegal uses in the computer laboratory. (5 marks)

Question Two

- a) Power failure can cause hardwares and software failure of a computer system (2 marks)
- b) Name FIVE power failures you are familiar with and how to prevent them. (8 marks)
- c) What is electrostatic Discharge (ESD, explain FIVE ways of preventing its remedies. (10 marks)

Question Three

- a) List FIVE guidelines of power safety (5 marks)
- b) Name and explain the FOUR classifications of fire extinguisher (8 marks)
- c) Before cleaning any device, turn it off and unplug the device from the power source why (2 marks)
- d) Name FIVE networking tool (5 marks)

Question Four

- a) When handling CRT monitors a lot of care should be observed why? (5 marks)
- b) Explain the major precautions to be observed when handling equipment safety. (5 marks)
- c) Explain the term computer ergonomic (10 marks)

Question Five

- a) What is E-waste (2 marks)
- b) Explain FIVE considerations of safe disposal of E-waste (10 marks)
- c) Explain briefly FOUR disposal methods (8 marks)