



TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN COMMUNICATION & TECHNOLOGY (DICT)

ECT 2101: COMPUTER WORKSHOP PRACTICE

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: OCTOBER 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) Explain the importance of a CPU in a computer **(2 marks)**

- b) Outline the function of the following devices **(6 marks)**
 - (i) Case
 - (ii) Cards
 - (iii) Scanners

- c) Theft involves physical access to equipment e.g. computers. How can we prevent the danger of theft of physical equipment e.g. computers, printers, scanners, Ups **(6 marks)**

- d) Describe the following basic categories of viruses **(6 marks)**
 - (i) File infectors
 - (ii) Boot sectors
 - (iii) Trojan Horses

Question Two

- a) (i) There are **THREE** levels of risks that are the easiest to apply the computers, networking device and data name them. **(3 marks)**

- b) Name any **EIGHT** policies that should be considered included along with other policies in a written policy manual that governs the management of computer resources and the responses to malicious code attacks. **(8 marks)**

- c) Name any **FOUR** key decisions to make when establishing a computer incident response team **(4 marks)**

Question Three

- a) Name any **THREE** logical security control measures **(3 marks)**

- b) Describe **THREE** basic trouble shooting tips for new monitors **(9 marks)**

- c) Name any **THREE** physical security control measures users **(3 marks)**

Question Four

- a) Explain how to locate a lost document **(3 marks)**

- b) What is the solution for a computer whose performance is slow **(5 marks)**

- c) When you start your computer, you get an error message:
“Windows/system32/config/system”file missing or corrupt
What is the solution for the above error **(5 marks)**

- d) Define a span **(2 marks)**

Question Five

- a) Name any FOUR factors to be considered to determine when to dispose a computer equipment **(4 marks)**
- b) Name any SIX general guidelines to follow when working around computers **(6 marks)**
- c) Describe any TWO types of viruses **(4 marks)**
- d) Define a computer lab **(1 mark)**