



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Engineering & Technology

DEPARTMENT COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN COMPUTER NETWORKING & MAINTENANCE - CMNT 2K 11M

ECT 1113:COMPUTER WORKSHOP PRACTICE

END OF SEMESTER EXAMINATIONS

SERIES: DECEMBER 2011

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- Answer Booklet

This paper consist of **FIVE** questions in **TWO** sections **A & B**Answer question **ONE** (**COMPULSORY**) and any other **TWO** questions
Maximum marks for each part of a question are as shown
This paper consists of **THREE** printed pages

SECTION A (COMPULSORY)

QUESTION ONE - 20 MARKS

a) .Distinguish what computer hackers and crackers are? (4marks)

b) Name any **four** computer lab tools and equipment found in the maintenance tool kit (4marks)

c) List any **four** general rules in a computer lab (4marks)

d) Name the four factors to be considered when we want to safe dispose computer equipments

(4marks)

e) What is RAID5? (2marks)

f) What is a computer virus

(2marks)

SECTION B (ANSWER ANY TWO QUESTIONS)

QUESTION 2 – 15 MARKS

a) Name the six threats found under the category of deliberate threats to computer equipments

(6marks)

b) List the **five** categories of safety measures in the computer equipments (5marks)

c) Give any of the solutions to enable a Task Manger in Windows XP

(4marks)

QUESTION 3 - 15 MARKS

a) Name any **Four** illegal uses in the lab as per the rules of the lab

(4marks)

b) Under the computer basic components, name Five components found in the motherboard

(5marks)

c) List any six logical security control measures

(6marks)

QUESTION 4 - 15 MARKS

- a) Define the following terms
 - i) Information security
 - ii) Data security
 - iii) Data privacy

iv) Viruses (8marks)

b) List the **Three** technical failures causing threats to data and how to prevent them (6marks)

c) Name and explain any **Three** disposal methods of computer equipment and tools (3marks)

QUESTION 5 - 15 MARKS

- a) Explain the following Data security threats
 - i Phishing
 - ii Zombies
 - iii Worms
 - iv Denial of Service (DOS)

v Hackers (10 Marks)

b) State the **five** physical security control measures

(5 marks)