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)