X

THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Engineering & Technology

DEPARTMENT COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN INFORMATION TECHNOLOGY – CIT11M

CERTIFICATE IN COMPUTER MAINTENANCE & NETWORK TECHNOLOGY-CMNT2K11M

EIT 1132/ ECT 1113: COMPUTER WORKSHOP PRACTICE

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: FEBRUARY/MARCH 2012
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

Question 1

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

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

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

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

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   (5marks)