THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Engineering & Technology

DEPARTMENT COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN COMPUTER NETWORK & NETWORK TECHNOLOGY

CMNT 2K11M

ECT 1107: NETWORK MANAGEMENT

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 ONE

a) (i)   Name the four versions of windows server 2003   (4 marks)
    (ii) Explain in details how each of the above named (i) versions of windows server 2003 differ
          from each other.   (4 marks)

b) Distinguish between client and server computers   (2 marks)

c) Distinguish between Automated and Remote installations.   (4 marks)

d) (i) Define network management   (2marks)
    (ii) Name two tools that can be used for network management   (2 marks)

e)   List four major advantages of server-based networking   (4 marks)

f) i) Give examples of four types of servers   (4 marks)

    ii) Explain the functions of each of the servers named in (i)   (4 marks)

SECTION B (Answer any TWO questions)

QUESTION 2

a) Distinguish between Network operating system and Desktop Operating system   (2 marks)

b) Explain in details the following features of network operating system
        i)   Network Support   (2 marks)
        ii) Security services   (2 marks)
        iii) Directory services   (2 marks)
        iv) Multitasking   (2 marks)

c) Compare and contrast between Windows NT 4 and Windows Server 2000   (5 marks)

QUESTION 3

a) List the three basic user accounts as the first step forward to enhance windows security measures
                                                                                      (3 marks)
b) Distinguish between users Rights and Permission   (2 mark)

c) Name the two elements of MS windows that are governed by settings in the user profile
                                                                                      (4 marks)
d) Explain **six** examples of the MS windows Server possible user Rights   (6marks)

QUESTION 4

a) List **THREE** pre-requisite of network planning   (3 marks)

b) What are the eight elements you need to consider in stock taking for network planning?
                                                                                      (12 marks)

QUESTION 5

a) Explain the five steps to be taken in final preparation before installing Network Operating System e.g. MS Windows Server   (5 marks)

b) Describe six basic decisions while installing a network operating System   (6 marks)

c) Complete the table below   (4 marks)

Permission	Abbreviation	Description
Read	R	The user can open and read the file
Execute	………………?	……………………………………………?
change	………………?	……………………………………..?
Take ownership	………………?	……………………………………………?
Write	…………….…?	………………………………………..?