

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY  
 CERTIFICATE IN COMPUTER NETWORK & NETWORK TECHNOLOGY- CMNT 2K11M  
 ECT 1107 **NETWORK MANAGEMENT**

SECTION A COMPULSORY (30 marks)

QUESTION ONE

- a)
  - i) Define network management (2marks)
  - ii) Name two tools that can be used for network management (2 marks)
- b) List four major advantages of server-based networking (4 marks)
- c)
  - (i) Give examples of four types of servers (4 marks)
  - (ii) Explain the functions of each of the servers named in (i) (4 marks)
- d)
  - (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)
- e) Distinguish between client and server computers (2 marks)
- f) Complete the table below (4 marks)

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

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 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 4

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