SET - 2

MCA (Revised)

Term-End Practical Examination

03600

June, 2011

MCSL-025:LABORATORY COURSE (DATA AND FILE STRUCTURES, NETWORKING, DBMS LAB AND JAVA PROGRAMMING)

Time allowed : 3 hours

Maximum Marks : 100

Note : There are **four** sections (Data and File Structures, Networking, DBMS Lab and **Java Programming**) in this paper. Each section is of **40** minutes duration. Attempt only those sections in which you are **not** yet successful. Answer **all** the questions in each section. Each section carries **20** marks and the **viva-voce** for 5 marks in each section.

SECTION-A

Data and File Structures

1. Write a C program for Binary Search Algorithm. Search value 25 in the list given below using this program. 20

   1   18   19   23   25   80   85   100

SECTION-B
Networking

Perform the practical on LINUX/UNIX/Windows 2000. In case you do not have sufficient access rights to perform a task then write all the steps to perform that task.

1. Run the following commands and write the uses of each command.   5
    (a) Cat
    (b) f t p
    (c) echo
    (d) ping
    (e) Net Diag

2. Perform the following tasks :   12
    (a) Backup and restore all files in a domain
    (b) Configure web based printer
    (c) Create a Group Policy Object

3. Find all the files in the home directory which contain word "Computer" inside them.   3

SECTION-C
DBMS Lab

1. Create the following table and perform the necessary task defined below : **5**

    (a) Create the following table named 'Account' :

    - Account_No
    - Account_Type
    - Balance
    - Name_of_Account_Holder
    - Date_of_Account Open

    (b) Enter at least 8 records in the above table and answer the following queries using **15**
    SQL :

    (i) List all the Name_of_Account_Holders whose account is of saving type ?

    (ii) List all the Account_No who are of Fixed Deposit type and balance is more than Rs. 10,000 ?

    (iii) List Balance of all the account who are opened after 02-02-2011 ?

SECTION-D

Java Programming

1. (a) Write a Java Program which create an Array object with a constructor which   **10**
      initialize array with five integer element. Write a method to print the content of
      the array. Implement proper exception handling in the program.

   (b) Write an Applet which ask for your name and date of birth as input and after   **10**
      pressing a button display your age on the page.