SET - 1

MCA (Revised)

Term-End Practical Examination 00873

June, 2011

MCSL-045 : UNIX AND DBMS LAB

Time allowed : 2 hours   *Maximum Marks : 50*

Note :   *There are **two** parts : **UNIX** and **DBMS** in this paper. Each part is of 1 hour duration and carry **20** marks. 5 marks is for **Viva - voce** of each part separately. Attempt only that part(s), which is/are not yet clear.*

PART-I

UNIX

1. **Write and execute UNIX commands for the following :**   5

    (a) To display the last 10 lines in a text file.

    (b) To remove a directory.

    (c) To connect to a remote machine.

    (d) To change the permission of a file.

    (e) To quit from a file with no changes.

2. Write a shell script to write the initial of any name given as input.   5

    Input   :   VINAY KUMAR

    Output.   V K

3. Write a shell script program to find out biggest number from the three given numbers   10
    as input as through command line argument. Display appropriate message if exactly
    three arguments are not provided through command line

DBMS

Note : Answer the following questions :

1. Create a relational database with the following relations and insert 10 meaningful   5
    records/data in each table of the relation :
    -   TEACHER (T_ID, Name, Designation, Subject)
    -   STUDENT (T_ID, Roll_No, Subject, S_Name, Semester)
    -   RESULT (Roll_No, S_Name, Subject, E_Marks)

2. Perform the following tasks using schema/Table/Relations given in Q.1
    (a)   Using the schema /Tables of Q.1, write a trigger that fires before any row is   5
          inserted in the table RESULT.
    (b)   Using the schema/tables of Q.1, write a procedure to display the marks of those   10
          students who have studied "Computer Graphics" subject by a Teacher whose
          designation is "Professor".