

MCA (Revised)
Term-End Practical Examination
June, 2013
MCSL-045 : UNIX AND DBMS LAB

02108

Time allowed : 2 hours

Maximum Marks : 50

Note : *There are **two** sections in this paper. Each section is of **1 hour** duration and carry **20 marks**. Each section have 5 marks for **viva - voce** separately.*

SECTION - A : UNIX LAB

1. Write and execute the UNIX Commands for performing the followings : 5
 - (a) To rename a file
 - (b) To send a file to print queue
 - (c) To run a Job in background
 - (d) To display the calendar of the current month
 - (e) To make a file read only.

2. Write a shell script to count the number of ".exe" files in the current working directory. 7

3. Write a shell script which take a string from terminal and echo a message "too small to process", if the string is less than 8 character long including special characters/symbols. 8

SECTION - B : DBMS

Note : Answer the following questions :

1. Create a relational database with the following relations and insert at least 8 records in each table of the relations. **10**

EMPLOYEE (E_id, D_id, Designation, Name, Salary, Years_of_Exp.)

DEPARTMENT (D_id, Name, Address, Head_Name, Number_of_Employee)

The key fields are underlined. Select appropriate data types for the fields. List name and employee id of all the employees whose salary is more than Rs. 50,000/- PM.

2. Write a procedure/function which take department id as input and display name and salary of all the employees of that department. **5**
3. Create a view that stores name, designation, department name of all the employees whose salary is 1,00,000/- PM. **5**