

MCA (Revised)

Term-End Practical Examination

01389

June, 2010

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. Attempt only that part(s) in which you are not successful yet.

PART - I

UNIX

Note : Answer the following questions. They carry 20 marks. The viva-voce is for 5 marks :

1. Write and execute the UNIX commands for the following : 5
 - (a) Find out who is logged on to the system.
 - (b) To display first 10 lines of a file
 - (c) Change password.
 - (d) To count the number of words contained in a file.
 - (e) To run a program at lower priority.

2. Write a shell script to print Factorial n . 5

3. Write a shell script that print the smallest digit of a given number , i.e. if the number is 1012345 then your script should print 1. Make necessary assumption. 10

PART - II

DBMS

Note : Answer the following questions. They carry 20 marks and viva-voce is for 5 marks :

Question asked in this part are based on the following relations :

EMPLOYEE(E_id, E_name, E_DOB, EDOJ)

DEPARTMENT (D_No., E_id, Room_No.)

SALARY (BASIC, Grade_Pay, DA, Other_A, E_id)

1. Insert 10 records with meaningful data in all the tables **6**

2. Display details of employees who are of less than 30 year age. **4**

3. Create a procedure that find whether an employee whose id is given, draw '9000' as Grade Pay or not. If employee of that id is not available in database then display "This employee is not part of this system". **10**
