

MCA (Revised)
Term-End Practical Examination 00594
December, 2013
MCSL-045 : UNIX AND DBMS LAB

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 has 5 marks for *viva - voce* separately. Attempt only that section in which you are not yet successful.

SECTION - A : UNIX LAB

1. Write and execute the UNIX commands for performing the followings : 5
 - (a) To print the information about the active processes.
 - (b) To search all the files in a specific directory which contain word "UNIX" in it.
 - (c) To list the details of the largest file in the given directory.
 - (d) To display your current environment variables.
 - (e) To sort the contents of a file named "MY ACCOUNT" in ascending order.

2. Write a shell script that prints the message "Good Morning", or "Good After Noon", or "Good Evening" ; according to the system's time. 8

3. Write a shell script to find the sum of following series upto 10 terms. 7
1 + 3 + 5 + 7 + 9.....;

SECTION - B : DBMS LAB

Note : Answer the following questions.

1. Create a relational data base with the following relations and insert at least eight records in each table of the relation. 8
EMPLOYEE (Emp_ID, Name, Designation, Year_of_Experience, Dep_ID)
DEPARTMENT (Dep_ID, Name, Function)

2. Write a trigger that fires before any row is inserted or deleted from EMPLOYEE table in Question 1 above. 6

 3. Write a procedure/function which take Dep_ID as input and list Employee name and designation of all the employees in that department. 6
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