

**MCA (Revised)**  
**Term-End Practical Examination**  
**December, 2010**  
**MCSL-045(P) : UNIX AND DBMS LAB**

00333

*Time allowed : 2 hours*

*Maximum Marks : 50*

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**Note :** *There are two parts (UNIX and DBMS) in this paper. Each part is for 1 hour duration. Attempt only that part(s) in which you are not yet successful .*

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**PART - I**  
**UNIX**

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

1. Write and execute the UNIX commands for the following : 5
  - (i) To display who logged on to this terminal .
  - (ii) To run a program at lower priority .
  - (iii) To move a file from one directory to other directory.
  - (iv) To run any job in background.
  - (v) Compare two files and show their differences.
  
2. Write a shell script which take a list of 10 numbers and print all the even numbers in the list. 7
  
3. Write a shell scrip which count the number of words in a given sentence (statement ). 8

**PART - II**  
**DBMS**

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

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

EMPLOYEE ( E - Id, Name, DOB, DOJ)

DEPARTMENT ( D - No, E - Id, Room - No)

SALARY ( E - Id, Basic, Grade - Pay, DA, TA, Other - A)

1. Insert 10 meaningful records in the tables . 5
  2. Display details of employees who are of more than 50 year age . 4
  3. Find the details of employees, who joined in Department number 5 in the year 2010. 6
  4. Display details of all the employees whose grade pay is '8000' or more and work in department number 1. 5
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