

**MCA (Revised)**  
**Term-End Practical Examination**  
**June, 2007**

**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 for 1 hour duration.  
Attempt only that part(s) in which you are not successful as yet.

**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
  - (a) To place everything that appears on the screen in the log file, including prompts.
  - (b) To combine the two existing files named file1 and file2 into a file named "cmbfile".
  - (c) To merge the contents of two sorted files into a third file such that the data in the third file is also sorted.
  - (d) To kill a process with its PID.
  - (e) To print last five lines of a text file.
  
2. Write a shell script to find the G.C.D. (Greatest Common Divisor) of two numbers entered by the user. 5
  
3. Write a shell script which deletes all even numbered lines in a text file and displays the altered output in a separate file. 10



## PART II DBMS

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

1. This question is based on the following relations :

Sports\_person (Sp\_id, Sp\_name, Sp\_age, Sp\_experience, Sp\_game, Sp\_coach)

Sports (Sp\_id, Sp\_game, Sp\_tot\_match, Sp\_win, Sp\_lose)

Salary (Sp\_id, Sp\_basic, Sp\_perks, Sp\_grade)

Create a view named 'Sports\_person\_info' that only allows users to view the Sp\_id, Sp\_name, Sp\_game, Sp\_tot\_match, Sp\_win, Sp\_lose; attributes of the sportsperson. It should not allow any user to change/update any information. 10

2. Refer to the relation given in Question 1 above. Create a host language block to declare a cursor for displaying Sp\_id, Sp\_name of all sportspersons having Sp\_game as 'SOCCER' and Sp\_coach as 'CHEEMA'. 10