

MCA (Revised)
Term-End Practical Examination
December, 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 : 1×5=5
 - (a) To delete all the files in the current directory whose name ends in ".bak".
 - (b) To list the details of the largest file in the directory.
 - (c) To place everything that appears on the screen in the log file, including prompt.
 - (d) To check the spellings of the words in a file.
 - (e) To display your current environment variables.

2. Write a shell script to delete all even numbered lines in a text file. 8

3. Write a shell script that prints the message Good Morning, or Good Afternoon, or Good Evening, according to the system's time. 7

PART II
DBMS

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

1. Say, Job (j_id, j_name, j_cost, j_date) be the schema of the jobs to be allotted to various employees by administrator. Write a trigger such that it does not allow the administrator to any database operation like Insert, Delete, Update on Job, on weekends. 10
2. Create a procedure that finds whether the job_identifier i.e. j_id, given by the administrator exists or not. If j_id doesn't exist then display "Job does not exist". 10