SET - 4

MCA (Revised)

Term-End Practical Examination

00724

December, 2011

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. **5** marks is for **viva-voce** of each section separately. Attempt only that section(s) which is not yet clear.*

SECTION - A : UNIX

1.   Write Unix command and execute them for performing the following :

(a)   To pipe the output of "who" command to the "short" command.   5

(b)   To show the current working directory.

(c)   To run a program at lower priority.

(d)   To kill more than one process at a time.

(e)   To display your current environment variable.

2.   Write a shell script - to delete all odd numbered lines in a text file named My Doc.txt.

7

3.   Write a shell script to print sum of digits of a given number i.e. if number is 9263 then the script should print :

8

9+2+6+3 =20

SECTION - B : DBMS

Note : Answer the following questions :

1. Create a relational database with the following relations and insert *ten* meaningful data/records in each table of the relation. **6**

   Sales-Person (S_id, S_name, Experience, S_Designation, S_product, S-supid)

   Sales-Record (S_id, S_target, S_sold, S_order)

   Sales-Salary (S_id, S_basic, S_perks, S_grade, S_salary)

2. Create a view that stores details of all salespersons, who are designated as sales executives and earning more than Rs 20000/- per month, using relations of Q 1. **5**

3. Perform the following queries using the relations created in Q.1. through SQL statements.

   (i) List name of all the sales. Persons whose salary is more than Rs. 15000/- per month and did not meet the sales target. **5**

   (ii) List the name of all the "Sr. Sales Executives," whose salary and target are same. **4**