

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

04083

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 yet successful .*

PART - I

UNIX

1. Write and execute the UNIX commands for the following : 5
 - (i) To split a file containing 50 lines into 25 lines each .
 - (ii) To print last 10 lines of a text file.
 - (iii) To count the number of words in a text file.
 - (iv) To kill a process with its ID
 - (v) To find out who is logged on to the system.

2. Write a shell script to accept a string as input and convert the lower case characters in the string to upper case and upper case characters to lower case characters. Print the final string : 10

3. Write a shell script to append the contents of a text file into another text file. 5

PART - II
DBMS

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

1. Create a relational database with the following relations and insert ten meaningful records/data in each table of the relation. Book (B-ID, Title, Author, Year, Price) 6
PUBLISHER (Name, P_ID, D_ID, No. of title, S_ID)
SALES PERSON (Name, S_ID, P_ID, B_ID, D_ID, order) where B_ID is Book id number, P_ID is Publisher id number, D-ID is distributor Id number, S_ID is Sales person id number.

 2. Perform following queries using the relations created in Q 1, through SQL statements . 5
 - (a) List all the books for which sales person with id '001' has received order and published by publisher '05' 5
 - (b) List all the titles of the books which are published by publisher '002' and ordered by Distributor '10'. 5
 - (c) Print details of the books which are published in year '2010' by publisher '05'. 4
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