

MCA (Revised)
Term-End Practical Examination
June, 2013
MCSL-045 : UNIX AND DBMS LAB

04109

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. Each section have 5 marks for viva - voce separately.*

SECTION - A : UNIX LAB

1. Write and execute the UNIX Commands for performing the followings : 5
 - (a) Send message to other users who are currently logged - in.
 - (b) Change password
 - (c) To make a copy of a file named UNIX.TXT.
 - (d) To move to the root directory from current working directory.
 - (e) To change ownership of a file.

2. Write a shell script to find the factorial of a given number. 8

3. Write a shell script that delete odd numbered lines from a given text file. 7

SECTION - B : DBMS

Note : Answer the following questions.

1. Create a relational database with the following relations and insert at least of 8 records in each table of the relation. **10**
SUPPLIERS (S_id, S_name, Address)
PARTS (P_id, P_name, Company_name, Color)
CATALOG (S_id, P_id, Price)
The key fields are underlined. Select appropriate data types for the fields. List the colors of the parts available with supplier id = 20005.
 2. Write a trigger that fires before any row is inserted in PARTS and CATALOG tables. **5**
 3. Write a procedure/function that take P_id as input and display P_name, Company_name and color of that product. **5**
-