

**MASTER OF COMPUTER APPLICATIONS (Revised)
(MCA)**

Term-End Practical Examination

December, 2017

00953

MCSL-045(P)/S4 : UNIX AND DBMS LAB

Time : 2 Hours

Maximum Marks : 50

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- Note :**
- (i) *There are two sections in this paper.*
 - (ii) *All the questions are **compulsory**.*
 - (iii) *Each section is of **one hour** duration and carries 20 marks.*
 - (iv) *5 marks are for viva-voce of each section separately.*
 - (v) *Attempt only that section(s) in which you are **not successful as yet**.*
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SECTION A

UNIX

1. Write and execute the following commands in UNIX : 5×1=5
- (a) To change the ownership of a file.
 - (b) To run a program at lower priority.
 - (c) To compare two files and show their differences.
 - (d) To display the first 10 lines of a text file.
 - (e) To kill a process.
2. Write a shell program to write the initials of any given name. 15
- e.g. : Input : Rahul Mahindra*
- O/P : RM*

SECTION B

DBMS

3. Insert 10 meaningful records in each of the tables whose schema is given below : 10
COMPANY (Com_ID, Com_Name, Com_Address, Com_City, P_ID)
PRODUCT (P_ID, P_Name, P_Size, P_Price)
SALE (P_ID, P-Target, P_Sold, Area_Code)
4. Write a trigger that will be fired when any row/record from the Table Product
[of Q 3] is deleted. 5
5. Using the relational database developed in Q(3), write a procedure to display the
names of all the companies that are in the city "DELHI". 5
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