

**Master of Computer Application
(Revised) (MCA)**

Term-End Examination

December, 2018

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 questions are compulsory.
 - (iii) Each Section is of one hour duration and carries 20 marks, 5 marks are for viva-voce for each Section separately.
 - (iv) Attempt only those Section(s) in which you are not successful as yet.
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Section-A**(UNIX)**

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

1. Write and execute the following UNIX commands : (5×1=5)

- (a) To display the current directory.
- (b) To display last two lines of a text file.
- (c) To encrypt a datafile with a private key.
- (d) To show date and time.
- (e) To delete a file from a sub-directory.

2. Write a shell program that reads the contents in a text file and removes all the blank spaces and redirects the o/p to a file namely XYZ. 15

Section-B**(DBMS)**

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

3. For the schema given below, perform the tasks (a), (b) and (c) :

Supplier (S#, Sname, Status, City)

Parts (P#, Pname, Labour, Weight, City)

SP (S#, P#, Quantity)

(a) Create tables select appropriate datatypes for each of the fields.

Identify appropriate key. Input 10 meaningful records

5

- (b) Display the weight of the part whose P# = "11". $2\frac{1}{2}$
- (c) Display the S#, SName and status who supplies from Hyderabad. $2\frac{1}{2}$
4. Write a procedure which takes the colour as input and displays all the parts and its details which belongs to that colour. 5
5. Write a trigger which fires before inserting and deleting a record in Supplier table. 5