MCSL-045(P)/S3

MASTER OF COMPUTER APPLICATIONS (Revised)
(MCA)
Term-End Practical Examination
June, 2015

01773

MCSL-045(P)/S3 : UNIX AND DBMS LAB

Time : 2 Hours   *Maximum Marks : 50*

Note :   *(i)*   *There are two sections in this paper. All the questions are **compulsory**.*

(ii)   *Each section is of one hour duration and carries 20 marks.*

(iii)   *5 marks are for viva-voce of each section separately.*

(iv)   *Attempt only that section(s) which is not yet clear.*

SECTION A
UNIX

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

   (a)   To append the contents of "File 2" in "File 1".

   (b)   To display the disk space used by files and directories.

   (c)   To run a job in the background.

   (d)   To display your current environment variables.

   (e)   To print the information about the active processes in a text file.

2.   Write a shell program that prints the message "It's summer", "It's rainy season", "It's winter", "It's spring season" depending upon the month you give as input.   15

SECTION B
DBMS

3. Create the following database for the schema given below :

   Instructor (Instructor_ID, Instructor_Name, DOB, Instructor_joining_date, Basic_pay, Highest_Ed_qualification)

   Session (Instructor_ID, Session_No, Room_No, Date)

   Input 10 meaningful records. Identify the key constraints. *10*

4. For the above database in Q3, answer the following queries using SQL : *5*

   (a) To display the Room_No where the session was going on yesterday taken by Instructor_ID = "001".

   (b) To display all the details of the Instructors.

5. Write a trigger that fires when any record is updated in Instructor table. *5*

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