Software lab examination IV sem BCA/B.Sc CA (TM) September 2023

Question1--- 25 marks,   Question2 ---35 marks

Qpcode : D2-S1-Q1

1. Illustrate the working of Linux Commands to

    a. Display date
    b. Display prompt, Display secondary prompt
    c. Display current user
    d. Display pathname of your home directory
    e. Display all files starting with abc
    f. Display contents of the system variable PATH
    g. Display all prime factors of an integer

2. Create a mysql table login(userid, password, visit_count) and add four records directly into the table. Write a php code to login with valid userid and password and if the login is successful, it should shows the visit_count after updating the visit_count.

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Question1--- 25 marks,   Question2 ---35 marks

Qpcode : D2-S1-Q2

1. Write shell program to create get subdirectory name as command line argument, display each file in the current directory and copy the file into subdirectory after getting confirmation from the user.
2. Write php code getting marks of six subjects (out of 100 marks) of a student and display the grade

Less than 40 %	Failed
<50%	Grade D
<60%	Grade C
<70%	Grade B
<80%	Grade B+
<90%	Grade A
Above 90%	Grade A+

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Qpcode : D2-S1-Q3

Question1--- 25 marks,   Question2 ---35 marks

1. Illustrate the working of Linux Commands to

   a) Create five files in current working directory
   b) Display the access permissions of all files
   c) Add execute permission to the user for all files
   d) Display disk usage
   e) Illustrate mathematical commands for arithmetic operations
   f) Get basic information about OS
   g) Find the difference between two files

2. Design an HTML page for registering the details of a student with fields Name, Address, Dob, Gender, Email. While submitting the form ensure that all entries are non-empty and email is in the correct format.

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Question1--- 25 marks,   Question2 ---35 marks

Qpcode : D2-S1-Q4

1. Using vi Editor, Perform the following tasks
   a. Open an existing file, append two lines save and exit
   b. Open the same file , copy two lines and paste it at the end of the file
   c. Delete two lines from the cursor position
   d. Delete five words from the current cursor position
   e. Delete a character
   f. Exit without saving the changes
   g. Create a new file write five lines save and continue editing

3. Create a mysql table book (title, author, edition, no_of_copy). Design a php page for inserting the details of books. If the book title, author and edition are same as any one of existing book, then update the no_of_copies otherwise insert new records into the table.