

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

Question1--- 25 marks,

Question2 ---35 marks

Qpcode : D1-S1-Q1

1. Illustrate the working of Linux Commands to
 - a. Create a directory with name Linuxlab and store five files in it
 - b. Change current working directory to Linuxlab and Change current working directory to parent directory
 - c. Display all filenames starting with 'a' in Linuxlab
 - d. Display contents of the system variable PATH
 - e. Display home directory
 - f. Display only the first 10 lines of a particular file
 - g. Display all prime factors of an integer
2. Write a php function to calculate the mean of n numbers. Design an HTML page to send n numbers to the php page in coma separated form. (Eg: 12,25,35,29).

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Qpcode : D1-S1-Q2

1. Write shell program to get a subdirectory name as a command line argument, create the subdirectory, and copy all files in the current directory into the new directory.
2. Design an HTML page for a driving licence application with the fields Name, Address, Blood Group, Dob, Mobile Number, Aadhar Number, and Email Id. Write a javascript code to implement the following validations
 1. No field is empty
 2. Length of Aadhar Number is 12
 3. Age must be greater than 18

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Qpcode : D1-S1-Q3

Question1--- 25 marks,

Question2 ---35 marks

1. Illustrate the working of Linux Commands to
 - a. Display current path settings
 - b. Current shell and all shells available
 - c. Create a number of files using a single cat command
 - d. Display the content of a file
 - e. Create a new directory and make a copy of file in the same name into the new directory
 - f. Make a copy of the file with a new name
 - g. Display current working directory
2. Create a table login (userid, password, role) and write a php program to check the user is valid or not.

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Question1--- 25 marks,

Question2 ---35 marks

Qpcode : D1-S1-Q4

1. (i) Using vi Editor, Perform the following tasks
 - a. Create a file, write a short description of your degree programme save and exit
 - b. Open the same file copy the first line and paste it at the end of the file
 - c. Delete two lines from the cursor position
 - d. Delete a word from the current cursor position
 - e. Exit without saving the changes.(ii) Display the first two lines of the file,
(iii) Display the last five lines of the file
2. Create a table blood_bank(_mobno(pk), _name, _bloodgroup) and write a php program to the search details of blood donors with a given blood group.