**CA424AND201**

**Software Lab Examination IV Semester BCA/B.Sc. CA(TM) JULY 2024**

**Set-1**

(Question1:25 Marks, Question2: 35 Marks)

1. Linux Commands
2. Create a new file named file1.txt
3. Copy the file to Newfile1.txt
4. Count the number of lines, words and characters
5. Sort the file and display sorted file and original file
6. Select a line from the that start with uppercase letters
7. Copy the last 5 and first 5 to another file
8. Design tables to store book details (bookno, tittle, author, price, date of purchase) and insert five records. Create a search page in php for displaying book details based on its title.

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**Set-2**

(Question1:25 Marks, Question2: 35 Marks)

1. Write a shell script to get three arguments from the command line and perform all arithmetic operations.
2. Create a Product table (Productid, product name, description, Unit Cost, Tax rate, expiry date) and insert five records. Write php code to view the details of the product.

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**Set-3**

(Question1:25 Marks, Question2: 35 Marks)

1. Linux commands to
   1. Display current working directory
   2. Create directory
   3. Change working directory
   4. Delete directory
   5. Display current path settings
   6. Current shell
   7. all shells available
2. Design tables to store Empolyee details (EmpNo,EmpName Design, DOJ, Basicpay ,DA) and insert five records. Create a search page in php for displaying employee details based on EmpNo.

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**Set-4**

(Question1:25 Marks, Question2: 35 Marks)

1. Write shell program to perform a menu driven program to display today’s date, process of the system users of the system, list files of the system.
2. Create an application form using html contains Name, Address, DOB, Gender, Mobile No, Blood Group. Write PHP code for validating the following
   1. All entries are non-empty
   2. Mobile number must be digits and its length is 10

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