B.A., B.Com & B.Sc I Year Computer Application Practical Session 2025-26

01.) Write a python program to print it user input your name, father name, mother name, DOB, class, mobile number address and course name.

02.) Write a program to calculate room temperature and convert it Fahrenheit.

03.) Write a program to print Fibonacci series and sum it all values.

04.) Write a program to enter to number using user and check it your number odd or even.

05.) Write a program to print prime number using function.

06.) Create a Python program to add, remove, and update elements in a list dynamically.

07.) Implement a simple NLP-based Sanskrit text analyzer using Python.

08.) Write a Python script to plot a bar chart using Matplotlib for employee Salary.

09.) Create a class 'Student' with attributes name, roll number, and marks. Implement methods to display student details.

10.) Write a program to print diamond pattern with your class function name.

11.) Write a program to make simple calculator.

B.A., B.Com & B.Sc I Year Computer Application Practical Session 2025-26

01.) Execute windows linux command like ls, mkdir, cp, mv, rm, ps, top, df, du, dir, chmod, chown, rd, date, time, whois, who.

02.) Write a C program to implement the FCFS scheduling algorithm.

03.) Write a shell script to print given number reverse order.

04.) Write a shell script to print sum it any five number.

05.) Implement the SRTF CPU Scheduling Algorithms.

Process	AT	BT
P1	2	8
P2	8	4
P3	3	6
P4	5	7

06.) Implement the RR CPU Scheduling Algorithms 2 quantum time.

Process	AT	BT
P1	2	8
P2	8	4
P3	3	6
P4	5	7
P5	2	12

07.) A system has 3 frames. Given reference string 7, 0, 1, 2, 0, 3, 0, 4, 2, 3, 0, 3, 2 Calculate the number of page faults using FIFO & LIFO Page Replacement.

08.) A system has 3 frames. Given reference string 1, 2, 3, 4, 1, 2, 5, 1, 2, 3, 4, 5 Find the number of page faults using LRU Page Replacement.

09.) A system has 4 frames. Given reference string 1, 2, 3, 4, 2, 1, 5, 2, 1, 6, 2, 1, 2, 3 7,9,8 Calculate the number of page faults using Optimal Page Replacement.

10.) Assume Disk Request Queue 98, 183, 37, 122, 14, 124, 65, 67 and Initial Head Position 50 Find total head movement and average seek time using FCFS & SSTF.

11.) Assume Disk Request Queue 176, 79, 34, 60, 92, 11, 41, 114 and Initial Head Position 50 Find total head movement and average seek time using SCAN & C-Look.

12.) Implement the FCFS CPU Scheduling Algorithms.

Process	AT	BT
P1	0	4
P2	2	6
P3	4	8
P4	0	7
P5	2	4

PGDCA 1st Sem (Operating System) Practical Session 2025-26

01.) Explain it internal command following-

Dir, md, cd, rd, del, copy, ren, vol, date, time, cls, path, mkdir

02.) Explain it external command following-

a. Chkdsk, print, format, doskey, sort, tree, move, backup, edit, mode, help

03.) Explain it linux command following-

a. Bc, cal, cat, time, cd, clear, cmp, cp, mv, date, find, ls, pwd, mkdir, more, rm
b. Rmdir, chgrp, chmod, chown, tty, wc, whois, who, grep, telnet, vi editor

04.) Explain linux user create process.

05.) Set a password process of windows os.

06.) Create a shell program of 2 number addition.

07.) Write a shell script to print your name in reverse order.

08.) Implement the SRTF CPU Scheduling Algorithms.

Process	AT	BT
P1	2	8
P2	8	4
P3	3	6
P4	5	7

09.) Implement the RR CPU Scheduling Algorithms 2 quantum time.

Process	AT	BT
P1	2	8
P2	8	4
P3	3	6
P4	5	7
P5	2	12

10.) Explain it Linux software install process using terminal.

11.) Change it windows and linux date & time with command and without command.

PGDCA 1st Sem (Programming Solving Using C++)
Practical Session 2025-26

01.) Write a program to add to number then multiply it 8 number with your name variable.

02.) Write a program to print last 10 natural number.

03.) Write a program to print a factorial numbers with pgdca variable.

04.) Write a program to print a Fibonacci series and sum it all values.

05.) Write a program to check whether the number is odd or even using loops.

06.) Write a program to remove duplicates values.

07.) Write a program to implement multilevel inheritance.

08.) Write a program to implement single inheritance.

09.) Write a program to print day of the week based on the day number entered.

10.) Write a program to swap 3 number.

11.) Write a program to find compound interest.

12.) Write a program to find the smallest among 3 numbers & print whole number.

13.) Write a program to make a simple calculator.

14.) Write a program to reverse a sentence using recursion.

15.) Write a program to rotate matrix of sum.

16.) Write a program to all operation of operator.

17.) Write a program to find a length of the string.

18.) Write a program to print your name first latter pyramid structure.

19.) Write a program to print GSM of number.

20.) Write a program to print LCM of number.

21.) Write a program to print Prime number series.