

PG CBCS  
M.Sc. Semester-III Examination, 2022  
COMPUTER SCIENCE  
PAPER: COS 391 (PRACTICAL)  
M2: OS LAB



Full Marks: 25

Time: 1 Hours

Answer any ONE question:

1 × 15=15

1. Write a shell program to find the highest of three numbers.
2. Write a shell program to generate first 10 Fibonacci numbers.
3. Write a program in C to print process id of a process and its parent process id also.
4. Write a program in C to duplicate a program's process using fork ().
5. Write a shell program to calculate GCD of two numbers.
6. Write a shell program to check whether a number is Armstrong or not.
7. Write a shell program to check a number is palindrome or not.
8. Write program to form a new child process to display list of files and parent process should wait for the completion of child.
9. Write a program to create a Zombie Process.
10. Write a shell program to check a file is exist or not and if it exists then display its type.
11. Write a C program to implement FCFS CPU scheduling algorithm.

*Viva-voice-5*

*Practical Note Book-5*

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