

**Computer Science [Honours]
[CBCS]**

**B.Sc. Third Semester End Examination-2023
(Regular & Supplementary Paper)
PAPER-CC6P
Operating System Lab**

Full Marks: 20

Time: 02 Hrs

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable
Illustrate the answers wherever necessary*

Answer any one question:

15x1= 15

1. Write a program to display Linux kernel including Kernel version, CPU type and model.
2. Write a program to display Linux kernel including information on configured memory amount of tree and used memory.
3. Write a program to implement FCFS scheduling algorithm.
4. Write a program to implement Round Robin scheduling algorithm
5. Write a program to implement SSF scheduling algorithm.
6. Write a program to implement SRSF scheduling algorithm.
7. Write a program to implement first bit allocation strategies.
8. Write a program to implement best bit allocation strategies.
9. Write a program to copy File using system call.
10. Write a program to implement Pre-emptive priority based scheduling algorithm.

Viva – 03

PNB - 02