

Total Pages-02

RNLKWC/B.Sc.-CBCS/IIIS/COS-C6P/22

2022

Computer Science

[HONOURS]

(CBCS)

(B.Sc. Third Semester Practical End Examination-2022)

PAPER-C6P

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

1x15=15

1. Write a program to report behaviour of Linux Kernel including kernel version, CPU type and model. 15
2. Write a program to report behaviour of Linux kernel including information on configured memory, amount of free and used memory. 15
3. Write a program to implement FCF Scheduling algorithm. 15
4. Write a program to implement Round Robin scheduling algorithm. 15
5. Write a program to implement SJF scheduling algorithm. 15
6. Write a program to implement SRJF scheduling algorithm. 15
7. Write a program to implement first fit allocation strategies. 15

(2)

8. Write a program to copy file using system calls. 15
9. Write a program to implement best-fit allocation strategies. 15
10. Write a program to implement preemptive priority based scheduling algorithm. 15

VIVA - 03

PNB - 02
