

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Sc.Computer Science - END SEMESTER EXAMINATIONS - NOV'2024

SEMESTER - V

20UCSCT5006 - Operating Systems

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Illustrate Process Management.
2. Rephrase Dynamic Loading and Linking.
3. Compute Page Replacement Algorithms.
4. Explain System and Network Threats.
5. Substitute Semaphores.
6. Solve Swapping and Contiguous Allocation.
7. Interpret Demand Paging.
8. Discriminate File Access Methods and Directory Structures.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Illustrate Scheduling algorithms and Multiple Processor scheduling.
10. Classify Deadlocks Detection and Recovery.
11. Justify Segmentation.
12. Compute Virtual Memory.
13. Evaluate File System Structures.
