CS 8493 Operating Systems
Important 2mark questions

Unit I

1. Mention the Objectives of Operating Systems.
2. What are the disadvantages of multiprocessor systems?
3. Elucidate System boot.

Unit II

1. Distinguish between CPU-bounded and I/O bounded processes.
2. What resources are required to create threads?
3. Name and draw five different process states with proper definition.

Unit III

1. What is the purpose of paging the page tables?
2. Will optimal page replacement algorithm suffer from Belady's anomaly? Justify your answer.
3. Consider the following page reference string:
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
How many page faults and page fault ratio would occur for the FIFO page replacement algorithm? Assuming there is four frames.

Unit IV

1. Define C-SCAN scheduling.
2. Differentiate between file and directory.
3. Why is it important to scale up system-bus and device speeds an CPU speed increases?

Unit V

1. What is Virtualization?
2. Mention any two features of Linux file systems.
3. Enlist the advantages of using kernel modules in Linux.