

OPERATING SYSTEMS IMPORTANT QUESTIONS FOR MINOR-1 EXAM

Unit-I:

1. Explain the different Design Issues related to the Operating System. Discuss about System Calls?
2. Explain about Multi Programmed Operating systems with neat sketch?
3. Define operating system. Explain and list out the services provided by the operating system in detail?
4. Discuss the various system components in Operating System?
5. Explain about Real Time Operating systems and list out the advantages and disadvantages?

Unit-II:

1. Discuss about Process states and Process Control block with a neat sketch?
2. Compare and Contrast between Shortest Job First, Round Robin Scheduling Algorithms with suitable example and list out the Advantages and Disadvantages?
3. Discuss about the different multi-threading models with neat sketch?
4. Compare and Contrast between First Come First Serve, Priority Scheduling Algorithms with suitable example and list out the Advantages and Disadvantages?

Unit-III:

1. Explain the System model for Deadlocks?
2. Discuss about the Deadlock Characterization?

OR

Discuss the necessary conditions for a deadlock to occur?