

- Q1. Explain one method for deadlock prevention and one for deadlock recovery.
- Q2. Describe the concept of paging and segmentation.
- Q3. Describe the purpose of disk scheduling.
- Q4. What are semaphores? Explain with help of Dining Philosophers problem.
- Q5. Explain First fit, Best Fit and Worst Fit algorithms with example.
- Q6. Discuss different types of Page tables.
- Q7. What is Belady's Anomaly ?
- Q8. Discuss the role of Memory Management Unit.
- Q9. Explain hierarchy of memory based on speed with suitable diagram.
- Q10. Explain Caching.