1. Explain about bit map and linked list memory management system.
2. What are the differences between Busy Waiting and Blocking? Explain
3. Define the essential properties of
4. Batch,
5. Time sharing
6. Real time operating systems.
7. Define the term race condition. Differentiate between race conditions and critical regions.
8. Define Monolithic and Layered System with suitable examples.
9. What do you mean by memory fragmentation? Distinguish between the internal and external fragmentation.
10. Briefly define the term scheduler in the context of any operating system. List three aims of the scheduler in any operating system.
11. What is deadlock? Explain various conditions for deadlock. Discuss the Banker’s algorithm of multiple resources for avoidance of deadlock with suitable example.
12. How does process differ from program? Explain process state with the help of block diagram.
13. Explain how multithreading improves performance over a single threaded solution.