**Viva Questions**

1. Explain Dead lock.
2. Explain necessary conditions for deadlock.
3. Explain banker’s algorithm.
4. Discuss in detail various types of deadlock recovery mechanisms.
5. What is safe sequence?
6. Explain semaphores in detail.
7. Explain the various approaches used to avoid hold and wait condition in deadlock.
8. Explain the disadvantages of deadlock.
9. Explain resource allocation graph in detail.
10. Compare logical address and physical address.
11. Explain the need for MMU.
12. Explain producer consumer problem.
13. Explain beladys anomly.