UNIT – 2

1.What is deadlock? State necessary and sufficient conditions for the same.

2.Explain producer consumer problem with example?

3.Explain Dead lock detection (Banker's Algorithm) with Example?

4.Explain CPU Scheduling Algorithms with examples?

5.What are the methods for handling deadlock.

6. Write a program to give a solution to the producer–consumer problem using shared memory.

7. What is resource-allocation graph?

8.CPU scheduling examples FCFS,SJF ,priority (Examples done in class)

9.Define deadlock?

10.Give the condition necessary for a deadlock situation to arise?

11.Define 'Safe State"?

12.Explain about Deadlock Avoidance?

13.Explain how recovery from deadlock?

14.Explain Dead lock detection (Banker's Algorithm) with Example?

15. Write about Deadlock Prevention Methods