OS Lab Internal Exam Question Paper

1) Simulate the following
   a) FCFS CPU scheduling algorithm.
   b) Multiprogramming with Variable Number of tasks (MVT)
2) Simulate the following
   a) Multiprogramming with fixed Number of tasks (MFT)
   b) SJF CPU scheduling algorithm.
3) a) Simulate Bankers algorithm for Dead Lock Avoidance
   b) FCFS Disk Scheduling Algorithms
4) Write a program to simulate the following
   a) Worst- Fit Contiguous Memory Allocation techniques.
   b) Round Robin CPU scheduling algorithm.
5) Simulate the following
   a) Sequenced File Allocation Strategies
   b) Priority CPU scheduling algorithm.
6) Simulate the following
   a) SJF CPU scheduling algorithm.
   b) First- Fit Contiguous Memory Allocation technique.
7) Simulate the following
   a) LRU Page Replacement Algorithms
   b) Linked File Allocation Strategies
8) Write a program to simulate the following
   a) Best- Fit Contiguous Memory Allocation techniques.
   b) LFU page replacement algorithm.
9) Simulate the following
   a) Indexed File Allocation Strategies
   b) Priority CPU scheduling algorithm.
10) Simulate the following
    a) SSTF Disk Scheduling Algorithms
    b) Multiprogramming with fixed Number of tasks (MFT)
11) Simulate the following
    a) FIFO Page Replacement Algorithms
    b) Linked File Allocation Strategies
12) Simulate the following
    a) SCAN Disk Scheduling Algorithms
    b) Multiprogramming with fixed Number of tasks (MFT)