Department of Computer Science and Engineering

National Institute of Technology, Tiruchirappalli

Operating Systems Laboratory

End Sem Practical Examination

SET- B

Max Marks : 30

1. Write and Execute a Program to demonstrate Producer Consumer Problem Using Semaphores.
2. Write a Program in a desired object oriented programming language of your choice to demonstrate the concept of LRU Page Replacement Algorithm.(6)
3. Depict the concept of Shortest Job First CPU Scheduling with a help of a program. (6)
4. Demonstrate FCFS and Shortest Seek Time First (SSTF) Algorithms for Disk Scheduling. (6+6)