OPERATING SYSTEMS LABORATORY

Subject code: BCS303 **IA Marks:25**

Sl No.	Question bank
1	Develop a C program to implement the Process system calls (fork (), exec(), wait(), create process, terminate process)
2	Simulate the following CPU scheduling algorithms to find turnaround time and waiting time a) FCFS b) SJF.
3	Simulate the following CPU scheduling algorithms to find turnaround time and waiting time a)Round Robin b) Priority.
4	Develop a C program to simulate producer-consumer problem using semaphores.
5	Develop a C program which demonstrates interprocess communication between a reader process and a writer process. Use mkfifo, open, read, write and close APIs in your program.
6	Develop a C program to simulate Bankers Algorithm for DeadLock Avoidance.
7	Simulate following File Organization Technique - Single level directory
8	Develop a C program to simulate the Linked file allocation strategies.