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| **S.NO** | **PROGRAM QUESTIONS** |
| 1. | Write the list of UNIX commands and their uses |
| 2. | Write program using fork()system call of UNIX operating system |
| 3. | Write program using exec()system call of UNIX operating system |
| 4. | Write program using stat()system call of UNIX operating system |
| 5. | Write programs using getenv() and setenv()system calls of UNIX operating system |
| 6. | Implement Echo Server using Pipes |
| 7. | Implement Echo Server using Shared memory |
| 8. | Implement Echo Server using Message queues |
| 9. | Simulate the FCFS CPU Scheduling Algorithm |
| 10. | Simulate the SJF CPU Scheduling Algorithm |
| 11. | Simulate the Round Robin CPU Scheduling Algorithm |
| 12. | Implement producer consumer problem using message queues |
| 13. | Implement producer consumer problem using Semaphores |

**OPERATING SYSTEMS LAB QUESTIONS**