1. What is an operating system?
2. What is boot -strap program?
3. Types of O.S
4. Difference between multi-programmed and time sharing operating system
5. IPC
6. Semaphore
7. Memory Allocation Schemes
8. Scheduling algorithm
9. FIFO and LRU
10. What is Shell scripting?
11. Basic UNIX commands
12. UNIX system calls : fork, wait, getpid etc
13. I/O system calls in UNIX.
14. Memory management
15. Page replacement algorithm
16. Paging and Page fault
17. BIOS
18. Difference between a process and a thread
19. What is P- thread?
20. Context switching.