Long Question

1. Explain functions of Operating System.
2. Explain Evolution of Operating System.
3. Explain Process Scheduling.
4. Explain Process & PCB (Process control Block).
5. Describe various types of scheduling with example.
6. Describe FCFS & SJF with example.
7. Define Round Robin scheduling with example.
8. Difference between Multilevel Queue Scheduling & Multilevel feedback Queue scheduling.
9. Describe & Diffence between paging and swapping.
10. Analyze Memory allocation Techniques.
11. Explain it Demand Paging & Page fault handling.
12. Define the Techniques for Device Management.

13. Analyze spooling.
14. Describe the concept of deadlock. & its situation.
15. Analyze the Deadlock Detection.
16. Define the Recovery & Prevension of Deadlocks.
17. Explain the Bankers Algorithm & safety Algorithm.
18. Describe File access Methods.
19. Difference bet" System Programming & Application Programming.
20. Brief description of seven phases of compiler.

Selected Question

Operating System (4th sem)

Short Question

1. Define operating system.
2. What is Process.
3. What is inter process messages.
4. What is Process Synchronization.
5. Define semaphore.
6. Define Principle of Concurrency.
7. Describe swapping with example.
8. Describe spooling.
9. Define Deadlock.
10. Define Deadlock condition.
12. Define File mng.
13. Describe System Programming
14. Describe Application Programming.
15. Define comiler & its functions.
16. Define Assemblere.
17. Define Interpreter.
18. Compare between compiler & intereproter.