OS Question

1. Define Operating System?
2. What is Multiprogramming?
3. Define Threads?
4. How do you avoid Deadlock?
5. Compare Paging with Segmentation.
6. List out the merits of Virtual Memory.
7. Distinguish between direct access and sequential access in a file.
8. Why is disk management is important?
9. What is Linux? Give an example for Linux based operating system?
10. Define the term DNS.
11. a) Explain the types of operating system with a real time example.
12. b)Explain the different types of System calls.
13. a)Explain in detail about process scheduling with queueing diagram.
14. b)Explain the process involved in Deadlock prevention, detection and avoidance.
15. a)Explain Contiguous Memory Allocation.
16. b)Explain the process of paging and page replacement polices.
17. a)Discuss about the various file access methods and explain about file sharing with a neat sketch.
18. b)State and explain disk scheduling and its types with example.
19. a)Explain the components of Linux system with a neat sketch. Explain any two types of Linux distribution.
20. b)Explain about different types of OS with example.