

OPERATING SYSTEM

UNIT-1

1. Define Operating System and explain the various types of Operating Systems?
- 2 Explain System Calls with respect to following: definition, types and execution.
- 3.What is file management? Write activities of operating system in regard to file management.
- 4.What are advantages and disadvantages of threads?
- 5.Discuss Layered Approach in comparison with Kernel based Approach.
- 6.Explain the term cooperating processes. What are the advantages of the same?
- 7.What are the advantages of peer-to-peer systems over client-server systems?
8. Distinguish between CPU bounded, I/O bounded processes
- 9.What is a process? Explain Process Control Block.
- 10.State and explain various multithreading models.
11. Write a note on: Time sharing operating system.
12. Define single and multiprocessor Systems. Write the advantages of multiprocessor systems?
13. What is file management? Write activities of operating system in regard to file management.
14. What are advantages and disadvantages of threads?
15. Discuss Layered Approach in comparison with Kernel based Approach.
16. What are Batch systems?

17. What is an Operating system
18. What is meant by Time-sharing Systems
20. Write a short note on: Process Scheduling.
21. What do you mean by inter process communication?
22. Write a note on: operations on processes.