

5. What are features of operating systems?
6. List all services of operating systems.

Q. 4. Answer the following in detail. (Solve any 6)

(30)

1. Explain difference between long term, middle term and short term schedulers.
2. What is a process? Draw and explain process state diagram.
3. Describe file access methods.
4. Briefly explain process synchronization in UNIX.
5. Describe virtual memory.
6. Difference between segmentation and paging.
7. Describe race condition in operating system.

Q. 5. Answer the following in detail. (Solve any 1)

(10)

1. Explain page replacement policies.
 2. Explain file system mounting and file system organization.
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