

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. What are three methods for allocating disk space? Explain.
2. Describe paging in virtual memory.
3. Discuss file system organization and file system mounting.
4. Explain various disk scheduling algorithms.
5. State dining philosophers problem using diagram.
6. Describe race condition.
7. Explain logical and physical address space.

Q. 5. Answer the following in detail. (Solve any 1) (10)

1. Describe file attributes, operations and its types.
 2. Explain process states and PCB using diagram
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