

2009

1. What are objective of an OS design? Define the essential properties of any two types of OS?
2. Describe process scheduling. Explain the idea hind scheduler and threading?
3. Define memory management .Differentiate between simple paging and virtual memory paging?
4. What do you understand by encryption? Explain the term authenticating a user's identity?
5. Explain different type of scheduling use in OS.
6. Define term DMA? Discuss briefly strategies followed in swap space management.
7. Define LINUX OS? Explain I/O system?
8. Write short notes on :-
  - a) Storage hierarchy
  - b) System services
  - c) CPU Scheduling.
9. Define disk structure .Differentiate between FCFS and SJF?
10. Explain briefly the significance of a LINUX file. What is the principle objective of the I/O system?