

MAY 2015

P/ID 17512/PCASM

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Write about operating system services.
2. Give a note on system programs.
3. Give short notes on priority scheduling.
4. Explain external and internal fragmentation.
5. Write LRU algorithm.
6. Give the various types of file access.
7. Discuss on tree –structured directories.
8. What is Inode in Unix OS? Explain.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Explain process concepts with examples.
10. Write about distributed systems.

11. Discuss on classical problems of synchronization.
 12. Explain Deadlock prevention.
 13. Discuss on paging in memory management.
 14. Write on Thrashing in virtual memory.
 15. Explain file protection.
 16. Summarize file-system access methods.
 17. Explain user interface of Unix OS.
 18. Describe the memory management of Unix system.
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