

MAY 2014

P/ID 17512/PCASM

---

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Write a short notes on realtime systems.
2. Discuss on I/O interrupts.
3. Write about synchronization hardware.
4. Give a short note on overlays.
5. Write on storage hierarchy.
6. Discuss about various file operations.
7. Write on consistency semantics.
8. Give the design principles of Unix OS.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Write about hardware protection.
10. Give the basic concepts of CPU scheduling.

11. What is critical - section problem? Explain briefly.
  12. Write on inter process communication with examples.
  13. Explain about contiguous allocation of memory management.
  14. Write on demand paging in virtual memory.
  15. Discuss about directory structure in file system interface.
  16. Write about file protection.
  17. Explain the file system of windows OS.
  18. Write the history of Unix OS.
-