

Operating System

Year 2008-11

Answer Any Five Question

1. Write is process control Block? Explain the use and structure of process control block?
2. A. What is the difference between program and a process? Explain various Stages of a process.
 B. What is deadlock? Define the necessary condition for deadlock.
3. What is OS? Define its types.
4. What is scheduling? Describe scheduling algorithm.
5. Describe critical section Problem.
6. Explain system structures:
7. Write short notes:
 - I. System call
 - II. System component
 - III. Role of OS.
8. Define some of the memory management techniques.
9. Write down about the deadlock characteristics. How a deadlock can be avoided?
10. Write short notes:
 - I. Semaphores.
 - II. Segmentation.
 - III. Fragmentation.
 - IV. Swapping