

OS 資格考 (2010)

(17% per question below)

1. Propose a reasonable solution to the problem of dining philosophers.
2. Describe the scheduling of threads in details.
3. Describe the concept of shared pages. (15%) What pages cannot be shared? (2%)
4. Describe the relationships among queues, schedulers, process states, and process state transitions.
5. Use banker's algorithm to achieve deadlock avoidance.
6. Describe the concept of an inverted page table.