

1. Which among these requires a device driver?

- a) Register
- b) Cache
- c) Main memory
- d) Disk

2. Which among these is a spooled device?

- (a) A graphic display device
- (b) A line printer that is used to print the output of a number of jobs
- (c) A secondary storage device in a virtual memory system
- (d) A terminal use to enter the input data to a running program

3. Which of the following is used to invoke system calls?

- (a) An indirect jump
- (b) A software interrupt
- (c) A privileged instruction
- (d) Polling

4. What happens to the CPU on receiving an interrupt from an IO device? (a) hand over control of address bus and data bus to the interrupting device (b) branches off to the interrupt service routine after completion of the current instruction (c) halts for predetermined time (d) branches off to the interrupt service routine immediately

5. When an input occurs, an operating system _____

- (a) Always resumes execution of interrupted process after processing the interrupt
- (b) Ignore the interrupt .
- (c) May change state of interrupted process to "blocked" and schedule other process
- (d) Always changes state of interrupted process after processing the interrupt

6. _____ is not an advantage of multiprogramming.

- a. Shorter response time
- b. Ability to assign priorities to job
- c. Decreased operating system overhead
- d. Increased throughput