1. Device controller informs CPU that it has finished its operation by causing an_____.

2. The operating system creates the illusion of multiple processes, each executing on its own processor. It is a characteristics of _____ .

3. If The process is waiting to be assigned to a processor, it is in the _____ state.

4. _____ Scheduler has chances to be invoked more frequently then the _____ Scheduler.

5. In Unix operating System _____ system call creates new process.

6. A _____is defined as an endpoint for communication. It is Concatenation of IP address and port.

7. Based on CPU scheduling the # of processes that complete their execution per time unit in a processor is called _____.

8. If we allow multiple readers to read at the same time. Only one single writer can access the shared data at the same time. This problem is called _____.

9. Deadlock can arise if the following four conditions hold simultaneously.

   1. _____ 2. _____

   3._____ 4. _____