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18. Operating system features needed for multiprogramming are: allocation of devices, memory management, CPU scheduling and

    A. System operation
    B. Supply of I/O routine
    C. Making sure only one person can use one PC at a time
    D. Queue management at the entrance of computer shops.

19. When an FCFS scheduling is optimized by the minimization of the average waiting time of processes the resulting scheduling is termed:

    A. preemptive scheduling
    B. RR scheduling
    C. SJF scheduling
    D. Multiprocessor scheduling

20. CPU scheduling decisions may take place when a process:

    i. Switches from running to waiting state or
    ii. Switches from running to ready state or
    iii. Switches from waiting to ready or
    iv. ?

Which of the following fits into the fourth situation above?

    A. Is about to be created
    B. Terminates
    C. Forks a child
    D. Is in an I/O burst