

Quiz

March 26, 2024

Which of the followings is/are true about preemptive scheduling?

- ☐ A Round Robin is NOT preemptive because the arrival of a new process arrival does not trigger scheduling decision.
- ☒ B With the same set of processes, preemptive SJF has shorter average waiting time than non-preemptive SJF.
- ☒ C If a process's entering the ready queue triggers a scheduling decision, it must be a preemptive scheduling.
- ☐ D If a process's leaving its running state triggers a scheduling decision, it must be a preemptive scheduling.

提交

Which of the following is/are true about scheduling algorithms?

- ☒ A Preemptive SJF is a type of priority scheduling, where its priority is dynamic.
- ☒ B Priority scheduling may have starvation problems, and aging is a solution.
- ☐ C In CFS scheduling, a task runs for 50ms and its $\text{nice} > 0$, its vruntime will grow by less than 50 ms.
- ☐ D SJF performs better than round-robin in terms of average waiting time so it should be used in practice.

提交