Your name:

CSE 30341 Operating Systems: Module 1 Exam
OPEN BOOK, OPEN NOTES, CLOSED ELECTRONIC SEARCHES
INDIVIDUAL EFFORT

There are 6 True of False questions. Give your answer with a short justification. Answers without justification will get no credit. All questions carry equal weight

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1. Writing an application as a multi-threaded program on a uni-processor is purely for modularity, not performance

2. Systems calls can be implemented using a privileged instruction (instead of generating a trap)

3. Round-robin schedulers maintain a *ready list* of all runnable threads, with each thread listed at most once in the list. Listing a thread twice on the list would allow the thread to get twice the amount of CPU without creating any additional problems.

4. Large server programs are often constructed using threads. Using a new thread to reply to different requests is always efficient.

5. Round-robin scheduling always results in more context switches than FCFS?

6. A nonpreemptive priority scheduling algorithm always schedules processes differently than FCFS.