

Quiz #1

Your Name:	
SID:	
TA / Discussion Section:	
Score:	

This is a **closed book** ten-minute quiz. Write all of your answers directly on this paper.

Good Luck!!

1. What state does the kernel save/restore when context switching between lightweight processes (5 points)?
2. Which of the following instructions should be privileged? *Explain your answer* (5 points each)
 - a. Turn off interrupts
 - b. Read the time-of-day from the computer's hardware clock
 - c. Switch the CPU from user to kernel mode (note that this instruction is not the same as a trap or system call)