		Name:
		gtID:
		(e.g. gtg123a)
1.	Do you know the conditions under which a process/thread may join the ready queue and leave the ready queue?	Y / N
2.	Can you name all the steps that happen during a context switch?	Y / N
3.	Can you name at least three different types of interprocess communication?	Y / N
4.	Do you know what is meant by Data Race in a parallel program?	Y / N
5.	In a preemptive scheduler, do you understand what the word "preemptive" refers to?	Y / N
6.	Do you understand the difference between "round robin", "shortest-job-first", and "priority scheduling"?	Y / N
7.	Do you know the name for a section of code that accesses variables or resources that are shared between multiple threads of execution?	Y / N
8.	Do you know the necessary and sufficient conditions for deadlock to occur?	Y / N
9.	Do you understand why, when, and how to use mutual exclusion?	Y / N
10.	Can you describe the role the translation look-aside buffer (TLB) plays in a virtual memory system?	Y / N
11.	Do you understand the difference between a "segment" and a "page" in a memory hierarchy?	Y / N
12.	Do you know the difference between a "page" and a "frame" in a virtual memory system?	Y / N
13.	Do you know the difference between "first-in, first-out", "least-recently-used", and "least-frequently-used" replacement policies?	Y / N
14.	Do you know what it means for a process to "trap" to the kernel?	Y / N
15.	Can you name the mechanism by which asynchronous hardware events may notify the CPU (and thus the kernel) of an event?	Y / N

16.	Can you explain why "ports" are necessary in network communication?	Y / N
17.	Do you know what processor cache (e.g. L1, L2) has to do with context switches?	Y / N
18.	Have you written a substantial (i.e. not "Hello World") program in C or C++?	Y / N
19.	Have you written a multi-threaded program?	Y / N
20.	Have you written a networked program using a sockets API (e.g. Linux/POSIX sockets or winsock)?	Y / N
21.	Have you written a program that handles one or more signals in Linux/POSIX?	Y / N
22.	Do you know how to take timing measurements of a program?	Y / N