

Name \_\_\_\_\_ SAMPLE \_\_\_\_\_

Last 4 digits of Student #: \_\_\_\_\_

GRADE: \_\_\_\_\_/100

CSE 3320, Operating Systems  
Quiz 1, Fall 2012 © DL, UTA, 2012

**Please** read this:

This is a closed book, closed notes quiz. Use a dark ink (or pencil) and print answers on the test paper following the questions.

Please answer the questions in a **few keywords**, complete sentences are not necessary, **be brief! Write** your answers **legibly**. Unreadable answers will be counted wrong.

**Please - no talking! You may write on back. Please turn in quiz promptly, when asked.**

1. In a running (desktop) computer, where is the kernel of the operating system (ie on the disk, in the mouse, in the BIOS, somewhere else (where?))?
2. Please list any two pieces of information (values) stored in a process control block. (there are many).
3. When a C program does a "printf("Hi")", how does the OS get told what to do? (Briefly)
4. Why (or when) does a process go from waiting to ready(why does it change state?, why doesn't the process go directly to running)?
5. What is the difference between a video controller and a video driver (or are they the same thing)?
6. When you do "dir" in Windows or "ls" in MAC or Unix, is that command built in to the OS, if not, what is it and how is it done?