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Print this form, staple loose pages together, and write your answers on it.

Accepted: on paper at the beginning of your lab section on November 8. No email submission allowed.

Name (1 pt):			
Umail (1 pt):	@umail.ucsb.edu		
Lab Section (1 pt) Circle one:	5:00	6:00	7:00

Consult the readings and lecture notes as necessary. Provide brief answers to each of the following questions in your own words:

1. (10 pts.) What is CPU scheduling? How does a time-sharing system run multiple processes on a computer system with a single CPU? Be brief but precise.

2. (8 pts.) What is the difference between built-in (internal) and external shell commands? How does a UNIX shell execute built-in and external commands? Explain your answer with an example.

3. (8 pts.) What are signals in UNIX? Give three examples of signals. What are the possible actions that a process can take upon receiving a signal? Write commands for sending these signals to a process with PID 10289.

