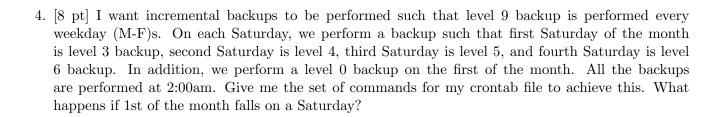
**Important**: This is an open book test. You can use any books, notes, or paper, but not exchange anything with other students. You are not allowed to use any electronic/communication devices, including a calculator. *Do not log into the computer during the test*. Any calculations and rough work can be done on the back side of the test pages. You will lose five points for not writing your name.

1. [4 pt] What	is the difference be	ween a DoS attack	and a flash crowd	(also called flash event)?
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2. [6 pt] There is a vulnerability noted in tcsh, csh, sh, and ksh from Sun regarding the root user. What is it? What can be done to overcome it?

3. [6 pt] Name two problems with a public Wi-Fi network such as the one used in St. Louis Bread Company.



5. [6 pt] Compare RS-232 and parallel ports.

6.	[4 pt] A user approaches you saying that he is unable to run at jobs but able to run cron jobs. What could be wrong? How can you fix it?
7.	[8 pt] Compare IDE and SCSI buses. Under what circumstances will you be forced to use each of those? How do they compare with PCI bus?