

Do not use any notes.

Name: _____ UCR ID: _____

1. (2 points) When you have an interrupt address table, what is stored inside of that table?
 - a. The data to be moved by the ISR
 - b. The address of the ISR to be executed**
 - c. The address that the program will return to when done
 - d. The address of the data to be read by the ISR
 - e. The program counter

2. (2 points) True or False: Some interrupts can be ignored.
 - a. True**
 - b. False

3. (2 points) The biggest advantage a processor with interrupts has over a processor without interrupts is (assume every other feature of the processors is equal):
 - a. Interrupts allow a processor to use a faster clock frequency
 - b. Processors with interrupts take half the silicon of those without
 - c. Processors with interrupts are inherently more robust than those without
 - d. Processors with interrupts can run more efficiently since they don't need to poll peripherals**

4. (4 points) Mark the communication protocol with an 'S' for serial, 'P' for parallel, or 'W' for wireless:
 - a. ___**W**___ 802.11b
 - b. ___**S**___ USB
 - c. ___**P**___ PCI (note: *not* PCI-Express)
 - d. ___**S**___ I²C