

16.317: Microprocessor Systems Design I

Spring 2014

Lecture 19: Key Questions March 12, 2014

1. What is an interrupt? What is an exception?
2. For what purposes are interrupts useful?
3. Describe the basic steps in interrupt processing.

8. How does an x86 processor determine the appropriate interrupt vector when the INTR pin is asserted? Describe both hardware and software methods for doing so.