HW#7

CSc 137

(15 points)

* 1. Consider a 32-bit data bus SDRAM. Given that the clock frequency of the bus is 200MHz, what is the peak memory bandwidth in megabyte per second (MBs)? **(5 pts)**
  2. Consider a 64-bit data bus SDRAM. Given that the clock frequency of the bus is 200MHz, what is the peak memory bandwidth in megabyte per second (MBs)? **(5 pts)**
  3. Consider a 32-bit data bus DDR SDRAM. Given that the clock frequency of the bus is 200MHz, what is the peak memory bandwidth in megabyte per second (MBs)? **(5 pts)**