1.2A Memory

Total points **10/10**

Email address *

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9 of 9 points

✓ Which statement is true? (1-3)   1/1

○ ROM is volatile

○ RAM has a slow access time relative to other storage devices

◉ RAM can be Static (SRAM) or Dynamic (DRAM)   ✓

○ RAM holds the BIOS

✓ You can write data more than once to this device (1-3)   1/1

○ CD ROM

◉ RAM   ✓

○ ROM

○ DVD+R

What is used when data/instructions move between the CPU and RAM? 1/1

○ ROM

◉ Address and Data Buses ✓

○ Address Bus

○ Data Bus

What is firmware? (3-5) 1/1

○ Data in RAM

◉ A program in ROM ✓

○ Any hardware

○ A program in cache

A gaming computer is "thrashing" the disk. Why? (5-7) 1/1

○ The game takes up too much space

○ The game uses high resolution graphics

○ The screen uses too many colours

◉ The processor is short of RAM ✓

This is volatile storage (1-3) 1/1

○ ROM

◉ RAM ✓

○ Secondary Storage

○ Hard Disk

This contains the BIOS (Boot-up program) (3-4) 1/1

◉ ROM ✓

○ RAM

○ Secondary Storage

○ Hard Disk

Which statement is true? (1-3) 1/1

○ RAM is part of the hard disk

○ ROM is volatile

◉ RAM stores programs / data used by the CPU ✓

○ ROM contains the operating system

✓   **What is the fastest data storage in a computer (6-9)**   1/1

- ⦿ Registers   ✓
- ◯ RAM
- ◯ HDD
- ◯ ROM

Additional Questions   **1 of 1 points**

✓   **What happens to RAM when the electricity is turned off?**   1/1

- ◯ The data from memory is saved onto flash memory
- ⦿ The data from the memory is not saved   ✓
- ◯ The data from the memory is saved onto ROM
- ◯ The data from the memory is saved onto the hard disk

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