OCR
Oxford Cambridge and RSA

UNIT 1.2 MEMORY – LESSON 1 MCQS

The numbers after the question are an approximate estimation of relative difficulty, broadly based around the new GCSE Numbering System. Please note that these were produced before final guidance was released regarding levels of difficulty and as such should be used as a rough guide only.

Question 1: This is volatile storage (1-3)	✓
ROM	
RAM	
Secondary Storage	
Hard Disk	
Question 2: This contains the BIOS (Boot-up program) (3-4)	✓
ROM	
RAM	
Cache	
Hard Disk	
Question 3: You can write data more than once to this device (1-3)	✓
CD ROM	
RAM	
ROM	
DVD+R	
Question 4: Which statement is true? (1-3)	✓
RAM is part of the hard disk	
ROM is volatile	
RAM stores programs / data used by the CPU	
ROM contains the operating system	
Question 5: A gaming computer is “thrashing” the disk. Why? (5-7)	✓
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	
Question 6: Which statement is true? (3-5)	✓
RAM is non volatile	
RAM has a slow access time relative to other storage devices	
RAM can be static or Dynamic (SRAM/DRAM)	
RAM holds the BIOS	
Question 7: What is firmware? (3-5)	✓
Data in RAM	
A program in ROM	
Any hardware	
A program in cache	

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Question 8: What is the difference between SRAM and DRAM (6-9)	✓
DRAM is physically bigger	
DRAM is faster	
SRAM needs its data to be refreshed otherwise it loses it	
DRAM needs its data to be refreshed otherwise it loses it	
Question 9: What is the fastest data storage in a computer (6-9)	✓
Registers	
RAM	
HDD	
ROM	
Question 10: How does data/ instructions move between the CPU and RAM (6-9)	✓
ROM	
Address and data bus	
Address bus	
Data bus	

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