1. The CPU is made up of several registers.
   a) Name 3 of the registers in a CPU

   -- [3]

   b) Name 2 components that are not registers

   -- [2]

2. What is the purpose of the Program Counter?

   -- [1]

3. Label the 3 types of storage correctly as either primary or secondary.

Storage	Type
RAM	
Hard Disk	
Virtual Memory	

   [3]

4. Bradley has a CPU with a 1Ghz clock speed on his new Raspberry Pi minicomputer. Explain what this means in terms of clock speed.

   -- [2]

5. State 2 secondary storage devices that are portable and 1 that is not giving reasons

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   -- [6]

6. Sarah has a laptop computer and Zainab has a Desktop PC. The girls are debating which one is better for playing a life simulation game.

Sarah's laptop	Zainab's Desktop PC
2.2 Ghz Quadcore CPU	3.2 Ghz Dual Core CPU
16 GB RAM	32GB RAM
1 Terabyte Hard Drive	512 GB Hard Drive
Windows 10 OS	Windows 11 OS
Cockroach Security Firewall	Steel-wall Antivirus

Based on the 2 specifications, which would you say is the more suitable system for playing the simulation game?

--- [3]

7. What are considerations of hardware do you think should be considered when choosing a computer for playing games?

--- [3]