**Von Neumann Architecture**

1. Explain what is meant by “Von Neumann Architecture” in describing the design of a computer.

Answer

2. Define these terms in a computing context…

a) CPU: Answer

b) ALU: Answer

c) control unit: Answer

d) register: Answer

e) RAM: Answer

f) bus: Answer

g) peripheral device: Answer

3. Draw or find a diagram of the essential components (see question #2) of a Von Neumann computer and how they are connected.

(Insert image)

4. Define these terms in the context of computing science…

a) machine language: Answer

b) op code: Answer

c) mnemonic: Answer

d) assembly language: Answer

e) low-level programming language: Answer

f) high-level programming language: Answer

g) compiler: Answer

h) interpreter: Answer