

1) The control unit, arithmetic logic unit and cache are all parts of the CPU

a) State two functions of the Control Unit

\_\_\_\_\_ [2]

b) State the full name of the processor component that would perform subtraction and comparison operations.

\_\_\_\_\_ [1]

c) Describe the function of the ALU

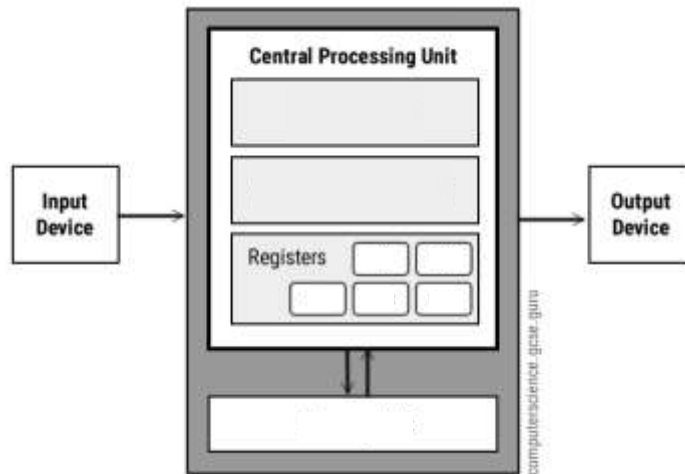
\_\_\_\_\_ [1]

d) Explain how cache is used by the CPU

\_\_\_\_\_  
 \_\_\_\_\_ [3]

2) Write the names of the parts of the CPU in the correct places

[4]



3) Describe the work process of von Neumann architecture

[5]

1 \_\_\_\_\_  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_  
 4 \_\_\_\_\_  
 5 \_\_\_\_\_

- 4) The control unit, arithmetic logic unit and cache are all parts of the CPU
- e) State two functions of the Control Unit

\_\_\_\_\_ [2]

- f) State the full name of the processor component that would perform subtraction and comparison operations.

\_\_\_\_\_ [1]

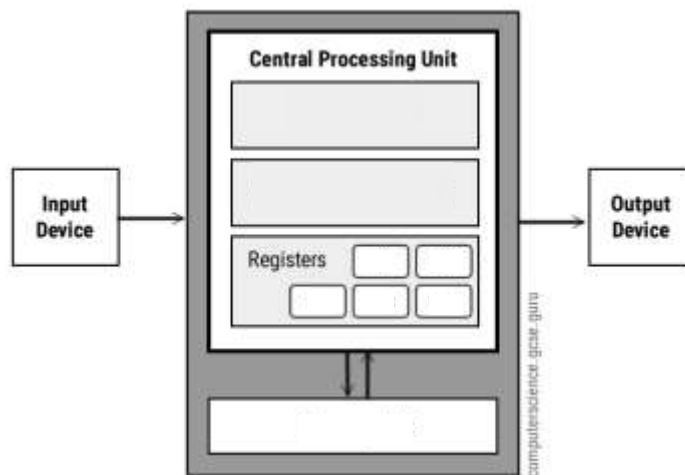
- g) Describe the function of the ALU

\_\_\_\_\_ [1]

- h) Explain how cache is used by the CPU

\_\_\_\_\_  
\_\_\_\_\_ [3]

- 5) Write the names of the parts of the CPU in the correct places [4]



- 6) Describe the work process of von Neumann architecture [5]

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_