

Part A [10 points]

1) Choose the term from the list that matches each description.

Terms

- a) Access Time
- b) Addressability
- c) Arithmetic/Logic Unit
- d) Bus Width
- e) Control Unit
- f) CPU
- g) Instruction Register
- h) Latency
- i) Program Counter
- j) Registers
- k) Seek Time
- l) Transfer Rate

Descriptions

| | |
|---|--------------------------|
| a) Computer component that interprets and executes instructions | f - CPU |
| b) Memory location that holds the current instruction | g - Instruction Register |
| c) Number of bits transferred simultaneously | d - Bus Width |
| d) Time required to locate the required sector on a disk | h - Latency |

2) Place a label in each of the blanks on the graphic to identify the component.[6]

