Basic Computer Components

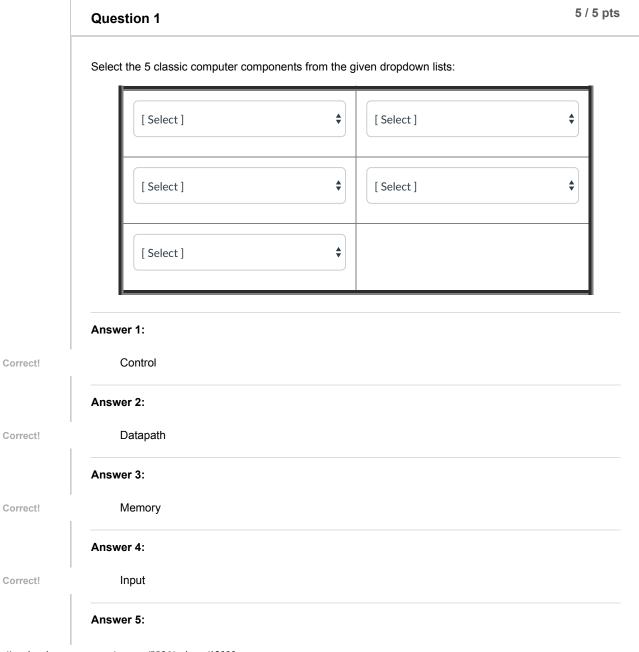
Due Feb 8 at 11:59pm	Points 21	Questions 17	Available until Feb 10 at 11:59pm	Time Limit None	

This quiz was locked Feb 10 at 11:59pm.

Attempt History

LATEST 4ttempt 1 195 minutes 18 out of 21		Attempt	Time	Score
	LATEST	Attempt 1	195 minutes	18 out of 21

Score for this quiz: **18** out of 21 Submitted Feb 7 at 7:23pm This attempt took 195 minutes.



Correct!

Correct!	Output		

	Question 2	1 / 1 pts
Correct!	The Control Unit or Controlling Circuitry is a processor component i.e. it is inside of the CPU.	
	True	
	O False	

Question 3	1 / 1 pts
The Datapath is not a processor component i.e. it is found outside of the CPU	
○ True	
• False	

	Question 4	1 / 1 pts
	In a microprocessor based system, the bulk of RAM is not contained within the CPU	
Correct!	True	
	○ False	

Question 5	1 / 1 pts
Program Counter counts the number of instructions that have been executed	
○ True	

	☐ In the CPU's timing circuitry	
	Outside of the CPU	
	In the CPU's Arithmetic Logic Unit	
	Question 10	1 / 1 pts
	Which of the following are general purpose registers for Intel Processors?	
Correct!	✓ ECX	
Correct!	✓ EAX	
	CEX	
	□ DEX	
	□ EEX	
	BEX	
	□ AEX	
Correct!	✓ EBX	
Correct!	✓ EDX	
	Question 11	1 / 1 pts
	The ALU can perform operations like addition	
Correct!	• True	
	O False	

	Question 12	1 / 1 pts
	The ALU Can perform operations like load from RAM	
	○ True	
Correct!	False	
	Question 13	1 / 1 pts
	The ALU Can perform Logic Operations like Exclusive OR	
Correct!	True	
	○ False	
	Question 14	1 / 1 pts
	In the first stage of an intruction's processing (the instruction fetch [IF] stage) The instruction m code is loaded into the processor.	achine
Correct!	True	
	○ False	
	Question 15	1 / 1 pts
	In the instruction decode stage of an instruction's processing, the instruction machine code is indecoded by the processor's circuitry.	s not
Correct!	True	
	○ False	

	Question 16	0 / 1 pts
	Which of the following components could perform instruction decoding?	
You Answered	Arithmetic Logic Unit	
Correct!	✓ Control Unit	
You Answered	✓ Program Counter	
You Answered	✓ Instruction Pointer	
	Register Flle	
Correct Answer	☐ Microcode Interpreter	

	Question 17	0 / 1 pts
	The primary CPU component needed for the Execute stage of an instructions processing is:	
Correct Answer	The Arithmetic Logic Unit	
	The Instruction Pointer	
	The Control Unit	
You Answered	The Program Counter	

Quiz Score: 18 out of 21