Basic Computer Components

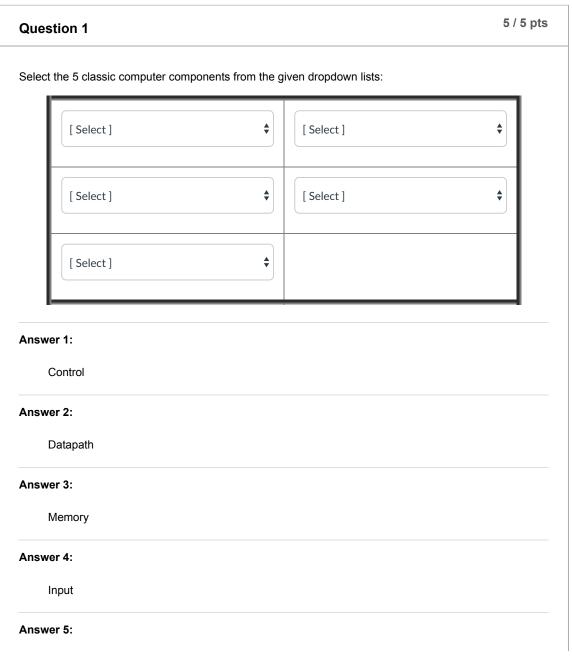
Due Feb 8 at 11:59pm	Points 21	Questions 17	Available until Feb 10 at 11:59pm	Time Limit None	

Attempt History

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

▲ Correct answers will be available Feb 10 at 11:59pm - Feb 13 at 11:59pm.

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



Output

Question 2	1 / 1 pts
The Control Unit or Controlling Circuitry is a processor component i.e. it is inside of the CPU.	
True	
○ 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	
True	
○ False	
Question 5	1 / 1 pts
Program Counter counts the number of instructions that have been executed	
○ True	

Incorrect

Question 6	1/1 p
Instruction Pointer is another term which refers to the Program Counter	
True	
O False	
Question 7	1/1p
The Program Counter is a special purpose register which is external to the	CPU
○ True	
• False	
Question 8	0 / 1 p
General Purpose Registers are accessible through high level language pro	ogramming.
• True	
O False	
Question 9	1 / 1 p
Where in a computer do General Purpose Registers reside?	

Basic Computer Components: Computer Org &Ass	sbly Lang Prog-CIS231-25668
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 Proce	essors?
✓ ECX	
✓ EAX	

The ALU can perform operations like addition

True

False

CEX

DEX

☐ EEX

BEX

AEX

✓ EBX

✓ EDX

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

Incorrect

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

1	_	_			_	_	ď.
ın	C		r	r	е	C.	Ε

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

Quiz Score: 18 out of 21