State Completed on Time taken Marks Grade	Thursday, 26 November 2020, 12:48 PM Finished Thursday, 26 November 2020, 1:02 PM 13 mins 4 secs 4.00/8.00 6.50 out of 13.00 (50%)
Question 1 Correct Mark 1.00 out of 1.00	
Select one: sb add addi sub	
Question 2 Correct Mark 1.00 out of 1.00	
Do you agree that the remaining types of the Select one: Agree completed Totally disagreed.	ely! e!❤
Your answer is correct answer	

Question 3
Correct
Mark 1.00 out of 1.00
Which MIPS register contains the memory address of the next program instruction to be executed by a CPU in the following clock cycle?
Select one:
○ IR
○ Н І
○ LO
○ \$a0
○ \$s0
○ \$t0
○ \$v1
Your answer is correct.
The correct answer is: PC
Question 4
Complete
Not graded
Cold boot attack explores vulnerabilities in a memory dump mechanism. What is a memory dump?

Select one:

- An unauthorized reboot of a computer, due to a cold boot attack, causing all data loss from a system memory
- The snapshot of a system memory fragment, that is allocated to a specific program, taken at a specific time, typically immediately after an abnormal termination of that program
- No choice is correct

The questions on vulnerabilities are not graded

The correct answer is: The snapshot of a system memory fragment, that is allocated to a specific program, taken at a specific time, typically immediatelly after an abnormal termination of that program

1/23, 9:30 PM	Quiz Week 13: Attempt review
Question 5	
Incorrect	
Mark 0.00 out of 1.00	
Do you agree that the major advantage multiple different instructions in parallel	of GPU processors, as compared to general-purpose multicore CPUs, is the ability to execute , at lower parallelisation overheads?
Select one:	
a. No, it is not!	
b. Indeed, this is the main motiva	tion for GPU usage <mark>≭</mark>
Your answer is incorrect.	
The correct answer is: No, it is not!	
Question 6	
Incorrect	
Mark 0.00 out of 1.00	
What is the key idea of a load/store CP	U architecture?
Select one:	
 All instructions are classified into t 	hree major groups: R, I, and J
No choice is correct *	
 All instructions have the same len 	gth of their binary representation
 There are two types of memory ur 	nits, with one type holding CPU instructions, and another one holding instruction data
 Program instructions are executed 	d sequentially
Most of the instructions take input	arguments from a CPU register file, and store the computation result back into a register file
Your answer is incorrect.	
	uctions take input arguments from a CPU register file, and store the computation result back into a
register file	actions take input arguments from a Gr G register ine, and store the computation result back into a
Question 7	
Incorrect	
Mark 0.00 out of 1.00	
Do you agree that there is some correlated hazards they might cause?	ation between MIPS instruction types, namely R, I, and J, and the type of instruction pipeline
Select one:	
There is no correlation at all! MIPS	S instruction types and hazard types are two completely independent notions!
Indeed, there is some correlation.	For example, only J-type instructions might lead to control hazards *
 No choice is correct 	

Your answer is incorrect.

The correct answer is: No choice is correct

Question 8					
Incorrect					
Mark 0.00 out of 1.00					
Choose (an) instruction(s) not present in the MIPS Instruction Set from the listed below:					
Select one or more:					
□ Ih					
□ sb					
subi					
mtc1					
add					
_ mul					
All instructions are present					
A correct answer depends on either MIPS32 or MIPS64 is assumed ✓					
7 Contoct answer depends on clarer will 602 of will 604 is assumed.					
Your answer is incorrect.					
The correct answer is: subi					
Question 9					
Complete					
Not graded					
Do you agree that cold boot attack explores vulnerabilities in the principles of a speculative execution of modern processors?					
Select one:					
○ Agree					
No, it is not. Foreshadow attack is the case					
No choice is correct					

The questions on vulnerabilities are not graded

The correct answer is: No, it is not. Foreshadow attack is the case

Question 10			
Correct			
Mark 1.00 out of 1.	00		

Choose I-type MIPS instruction(s) from the list below:

Select one or more:

add

div

mul

sll

sb
 ✓

jr

Your answer is correct.

The correct answer is: sb