

Q13 Results for Mualla Argin

Score for this attempt: **3.67** out of 4

Submitted Feb 23 at 9:50pm

This attempt took 1 minute.

	<div>Question 11 / 1 pts</div> <div>[Multiple Correct Answers] The elements that contribute most to the cost of multiprogramming at process level are</div> <div><div><div><input type="checkbox"/></div><div>Saving CPU state during context switching</div></div><div><input checked="" type="checkbox"/> Process context switching</div><div><input checked="" type="checkbox"/> Process creation</div></div>
Correct!	
Correct!	
	<div>Question 20.67 / 1 pts</div> <div>[Multiple Correct Answers] What all contribute to the cost of process context switch</div> <div><div><input checked="" type="checkbox"/> Writing dirty cache lines to the main memory</div><div><input checked="" type="checkbox"/> TLB cache flush</div><div><input type="checkbox"/> Warmup of cache content</div></div>
Correct!	
Correct!	
Incorrect Answer	
	<div>Question 31 / 1 pts</div> <div></div>

[Multiple Correct Answers] Context switch at **thread level** requires

Correct!

☐ a wholesale update of the TLB and other caches

☒ update of the CPU state (registers and stack)

Correct!

☒ kernel threads scheduler to run

☐ reinstatement of the process to the memory

Question 4

1 / 1 pts

[Multiple Correct Answers] In a **4-CPU, 4-cores per CPU, and 4-HW threads per core**, what is the **maximum degree of parallelism** that can be exercised at the **thread-level**?

Correct!

☒ 4 processes, each with 16 threads

Correct!

☒ 1 process with 64 threads

☐ 4 processes, each with 4 threads

☐ 16 processes

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