

OSTEP chap 13 quiz

Due Oct 25 at 11:59pm

Points 6

Questions 6

Time Limit None

Allowed Attempts Unlimited

Take the Quiz Again

Attempt History

	Attempt	Time	Score
KEPT	Attempt 5	less than 1 minute	6 out of 6
LATEST	Attempt 5	less than 1 minute	6 out of 6
	Attempt 4	less than 1 minute	0 out of 6
	Attempt 3	less than 1 minute	0 out of 6
	Attempt 2	less than 1 minute	0 out of 6
	Attempt 1	9 minutes	5.5 out of 6

⚠ Correct answers are hidden.

Score for this attempt: 6 out of 6
Submitted Oct 24 at 5:38pm
This attempt took less than 1 minute.

Question 11 / 1 pts

Why was it easy to build a computer in the early days?

☐ no internet hackers

☐ vacuum tubes are more reliable

☐ electricty was cheap

☒ users didn't expect much

Question 2**1 / 1 pts**

A driving factor behind the push for a multi-programming OS was

- ☐ vacuum tubes kept your hands warm
- ☒ the machines were very expensive
- ☐ the space race
- ☐ users were getting grumpy

Question 3**1 / 1 pts**

What is the primary problem with running one process for a short while, giving it full access to all memory, then stop it, save all of its state to some kind of disk, load some other process's state, run it for a while, ...

- ☐ it wears out registers
- ☐ NOTHING - it's what we do now
- ☐ wears out disk drives
- ☒ brutally non-performant

Question 4**1 / 1 pts**

When the book talks about the segments of a process, they are

- ☒ code
- ☐ registers
- ☐ a SSD
- ☒ heap
- ☐ swap space
- ☒ stack
- ☐ kernal Sanders

Question 5**1 / 1 pts**

Which segments of a process are considered "dynamic"?

- ☐ registers
- ☒ heap
- ☐ code
- ☒ stack
- ☐ swap space

Question 6**1 / 1 pts**

Major goals of a virtual memory system include

- ☒ isolation - each process should be running in its own isolatedcocoon

- ☐ taxation - no taxation without representation
- ☒ transparency - it is invisible to the running program
- ☒ protection - user process cannot corrupt OS or other processes
- ☐ degradation - degrading performance
- ☒ efficiency - minimize fragmentation

Quiz Score: **6** out of 6