

Lab 9 - Quiz Results for [REDACTED]

Score for this quiz: **6** out of 10

Submitted Nov 12 at 8:28pm

This attempt took 9 minutes.

Question 1

2 / 2 pts

What OS component is responsible for determining which processes can run at a given time?

Correct!

- ☒ The scheduler
- ☐ The terminal shell
- ☐ Signal handlers
- ☐ System calls

Additional Comments:

Question 2

0 / 2 pts

Why is a scheduler needed for a multitasking OS?

Correct Answer☐ Without one, only one process would be able to run at a time☐ Without one, no process would be able to run**Un Answered**☒ Without one, all processes would run as soon as they are ready☐ A scheduler is not necessary for a multitasking OS

Additional Comments:

Question 3

2 / 2 pts

What structure does a scheduler use to keep track of ready processes?

Correct!☒ A priority queue☐ A stack☐ A heap☐ An unsorted queue

Additional Comments:

Question 4

2 / 2 pts

In a priority queue, what is used to ensure the elements are ordered?

Correct!

- ☒ A compare function
- ☐ The order in which the elements are inserted
- ☐ The memory size of the elements
- ☐ Elements are not sorted in a priority queue

Additional Comments:

Question 5

0 / 2 pts

Which of the following scheduling algorithms supports preemption?

Incorrect Answer☐ RR☐ FCFS**Correct Answer**☒ SJF☐ PRI

Additional Comments:

Fudge Points: --

You can manually adjust the score by adding positive or negative points to this box.

Final Score: 6 out of 10[Update Scores](#)