**Practice Quiz: Managing Computer Resources**

**TOTAL POINTS 5**

1.Question 1

How can you profile an entire Python application?

1 point



Use an @profile label



Use the guppy module



Use Memory Profiler



Use a decorator

2.Question 2

Your application is having difficulty sending and receiving large packets of data, which are also delaying other processes when connected to remote computers. Which of the following will be most effective on improving network traffic for the application?

1 point



Running the iftop program



Increase storage capacity



Increase memory capacity



Use traffic shaping

3.Question 3

What is the term referring to the amount of time it takes for a request to reach its destination, usually measured in milliseconds (ms)?

1 point



Bandwidth



Latency



Number of connections



Traffic shaping

4.Question 4

If your computer is slowing down, what Linux program might we use to determine if we have a memory leak and what process might be causing it?

1 point



top



gparted



iftop



cron

5.Question 5

Some programs open a temporary file, and immediately \_\_\_\_\_ the file before the process finishes, then the file continues to grow, which can cause slowdown.

1 point



open



close



delete



write to