**Practice Quiz: When Slowness Problems Get Complex**

**TOTAL POINTS 5**

1.Question 1

Which of the following can cache database queries in memory for faster processing of automated tasks?

1 point



Threading



Varnish



Memcached



SQLite

2.Question 2

What module specifies parts of a code to run in separate asynchronous events?

1 point



Threading



Futures



Asyncio



Concurrent

3.Question 3

Which of the following allows our program to run multiple instructions in parallel?

1 point



Threading



Swap space



Memory addressing



Dual SSD

4.Question 4

What is the name of the field of study in computer science that concerns itself with writing programs and operations that run in parallel efficiently?

1 point



Memory management



Concurrency



Threading



Performance analysis

5.Question 5

What would we call a program that often leaves our CPU with little to do as it waits on data from a local disk and the Internet?

1 point



Memory-bound



CPU-bound



User-bound



I/O bound