os ch 4 test

1. What is the difference between multi-processing and multi-threading?

2. What is typically shared between threads of a single process? What is not?

3. How do you start a new thread in some API? (pick one)

4. What are some advantages to multi-threaded programming.

5. What are difficulties with multi-threaded programming compared to single-threaded application development.

6. When would multi-processing be a better choice than a multi-threaded approach?

7. What is the idea of processor/core affinity?

8. What is the purpose of the argument to the thread entry function, in pthreads, written like...

void\* worker(void \*arg)

{

}

pthread\_create(...,worker,...);

9. How are number of threads and number of cores related?

10. What are some considrations about stack space and new threads?