1. Compared to processes, threads have less memory consumption, have faster context switches, are more reliable/safe, faster to create and delete, and have faster communication.

   **False**

2. Concurrency is:

   **Interleaving of processes to simulate parallelism**

3. The kernel scheduler schedules user-level and kernel-level threads.

   **False**

4. The OS is aware of user-space threads.

   **False**

5. Which of the following is **True** regarding the relationship between processes and threads.

   **It takes far less time to create a new thread in an existing process than to create a new process.**

6. Which of the following functions is used to attach shared memory to a process?

   **shmat()**

7. Message Passing IPC is generally slower than Shared Memory IPC.

   **True**

8. Shared memory IPC can lead to synchronization problems.

   **True**

9. A _____ occurs when two or more threads try to access the same shared data and try to change them at the same time.

   **Race condition**

10. In RPC, communicating processes can be _____.

    **On the same host**
    **On different remote hosts**