**MCQs**

1. Which one of the following is not shared by threads?  
   a) program counter  
   b) stack  
   c) both program counter and stack  
   d) none of the mentioned
2. A process can be \_\_\_\_\_\_\_\_\_\_\_  
   a) single threaded  
   b) multithreaded  
   c) both single threaded and multithreaded  
   d) none of the mentioned
3. If one thread opens a file with read privileges then \_\_\_\_\_\_\_\_\_\_\_  
   a) other threads in another process can also read from that file  
   b) other threads in the same process can also read from that file  
   c) any other thread cannot read from that file  
   d) all of the above
4. Termination of the process terminates \_\_\_\_\_\_\_\_\_\_\_  
   a) first thread of the process  
   b) first two threads of the process  
   c) all threads within the process  
   d) no thread within the process
5. Which one of the following is not a valid state of a thread?  
   a) running  
   b) parsing  
   c) ready  
   d) blocked
6. The register context and stacks of a thread are deallocated when the thread?  
   a) terminates  
   b) blocks  
   c) unblocks  
   d) spawns
7. Thread synchronization is required because \_\_\_\_\_\_\_\_\_\_\_  
   a) all threads of a process share the same address space  
   b) all threads of a process share the same global variables  
   c) all threads of a process can share the same files  
   d) all of the above
8. A thread shares its resources (like data section, code section, open files, signals) with \_\_\_\_\_\_\_\_\_\_\_  
   a) other process similar to the one that the thread belongs to  
   b) other threads that belong to similar processes  
   c) other threads that belong to the same process  
   d) all of the mentioned
9. What is Thread cancellation?  
   a) the task of destroying the thread once its work is done  
   b) the task of removing a thread once its work is done  
   c) the task of terminating a thread before it has completed  
   d) none of the mentioned
10. When a web page is loading, and the user presses a button on the browser to stop loading the page?  
    a) the thread loading the page continues with the loading  
    b) the thread loading the page does not stop but continues with another task  
    c) the thread loading the page is paused  
    d) the thread loading the page is cancelled
11. If multiple threads are concurrently searching through a database and one thread returns the result then the remaining threads must be \_\_\_\_\_\_\_\_\_\_\_\_  
    a) continued  
    b) cancelled  
    c) protected  
    d) none of the mentioned
12. Logical memory is broken into blocks of the same size called \_\_\_\_\_\_\_\_\_  
    a) frames  
    b) pages  
    c) backing store  
    d) none of the mentioned
13. The \_\_\_\_\_ table contains the base address of each page in physical memory.  
    a) process  
    b) memory  
    c) page  
    d) frame
14. Paging increases the \_\_\_\_\_\_ time.  
    a) waiting  
    b) execution  
    c) context – switch  
    d) all of the mentioned
15. For every process there is a \_\_\_\_\_\_\_\_\_\_  
    a) page table  
    b) copy of page table  
    c) pointer to page table  
    d) all of the mentioned