1. Contiguous file allocation suffers from:
   External Fragmentation
   Size of the file needed before hand

2. Indexed Allocation has some disadvantages such as:
   Large Files

3. Unix/Linux systems use which of the following allocation structure to accommodate small and large files?
   a. **Multi-level indexing**
   b. Indexing
   c. FAT
   d. Linked-list

4. A virtual file system
   Is a layer which provides abstraction for various different file systems on the machine
   Translates various file operations from the OS to different mounted file systems

5. When mounted to DISK1, files and directories that are physically stored on DISK2 logically appear separate from the files and directories stored on DISK1.
   False

6. Symbolic links can create loops, but these are difficult to deal with because symlinks cannot be differentiated from files.
   False

7. FAT(File Allocation Table) is a form of indexed allocation file structure.
   False

8. Linked List allocations as well as FAT both suffer from traversal latency.
   True

9. Which of the following contributes to the **additional** overhead of a DFS over conventional file systems?
   a. **The time to deliver the request to the server**
   b. **The time to get the response across the network back to the client**
   c. Storage access time
   d. CPU processing time

10. In a log-based recovery system, match the behavior of each type of log transaction after a crash.
    Partial transactions   :   **candidate for undo() after crash**

Committed transactions   :   **candidate for redo() after crash**
Completed transactions   :   **no action required after crash**