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**Department of Computer Science and Technology**

**Subject Name:**  Operating System **Subject Code: CSH206B-T**

**Topic:** File System



**Tutorial :11**

**Aim: To gain familiarity with concept of File System**

**Course Outcome : CO3**

**Blooms Taxonomy: BT1, BT2**

**Section – A**

1. \_\_\_\_\_\_ is a unique tag, usually a number, identifies the file within the file system.  
   a) File identifier  
   b) File name  
   c) File type  
   d) none of the mentioned
2. To create a file  
   a) allocate the space in file system  
   b) make an entry for new file in directory  
   c) both (a) and (b)  
   d) none of the mentioned
3. By using the specific system call, we can  
   a) open the file  
   b) read the file  
   c) write into the file  
   d) all of the mentioned
4. Which file is a sequence of bytes organized into blocks understandable by the system’s linker?  
   a) object file  
   b) source file  
   c) executable file  
   d) text file
5. Which one of the following explains the sequential file access method?  
   a) random access according to the given byte number  
   b) read bytes one at a time, in order  
   c) read/write sequentially by record  
   d) read/write randomly by record

**Section – B**

1. What is record blocking? Explain its type
2. Explain different types of file accessing Methods.
3. Can a two level of Directory structure be considered as tree structure directory?
4. Sunil & Rajesh are working on a Project A and B respectively, by maintaining the separate directories. However, there is a utility which may be used by both. Which type of directory structure would be the best for this case?