**ST-2 Syllabus**

**Interfaces and abstract classes. Java packages: using system packages,Importing packages.**

**Exception handling:Types of Exceptions,Try and Catch,Multiple catch Clauses,**

**Nested Try statements,Throw , throws and finally,**

**Creating custom exceptions**

**Serialization and I/O: Binary Streams ,Character stream ,**

**Serialization, Scanner**

**Multithreading : The java thread model, Creating a thread: Extended Thread and Implementing Runable, Creating multiple Thread and Context Switching**

**Synchronization: methods and statements, Inter thread Communication, Thread local, Dead lock, Threadpool executer class, Shutdown hookup, Re-entrent locking**