**10CS352: UNIX SYSTEM PROGRAMMING**

**PORTIONS – TEST-2**

**UNIT – II**

**Chapter- 7: Process Environment:** Shared Libraries, setjmp and longjmp Functions.

**Chapter 8**: **Process Control:** system Function, Process Accounting, User Identification, Process Times.

**Chapter 9: Process Relationships:** Introduction, Process Groups, Sessions, Controlling Terminal, tcgetpgrp, tcsetpgrp and tcgetsid Functions, Job Control, Shell Execution of Programs.

**UNIT – III**

**Chapter 10 : Signals:** Introduction, Signal Concepts, signal Functions, Unreliable Signals, Interrupted System Call, Reentrant Functions, SIGCLD Semantics, kill, raise Functions, alarm, and pause Functions, Signal Sets, sigprocmask Function, sigpending, sigaction Functions, sigsetjmp, siglongjmp Functions, sigsuspend, abort, system, sleep Functions, Job–Control–Signals.

***Text book***

**T1.** **Advanced programming in the UNIX Environment Second Edition by W. Richard Stevens, Stephen A Rago, forwarded by Dennis Ritchie , Pearson Edition.**