**Jaypee Institute of Information Technology, Noida.**

**Subject: Unix Programming Lab**

**LAB TEST Marks:20**

**Set A**

Q.1. Create files with following names [C373.2]

createbackup.sh, list.sh,ectar.sh, lspace.sh, speaker.sh,listopen.sh,lost.sh, rename-files.sh,topprocs.sh, lost.txt, csetar.txt

1. Display all files with names beginning with “l”  followed by any single character and ending with “t.sh”.  (2Marks)
2. Display all files with names starting with “l” followed by vowel but ending with “.sh” . (4 marks)
3. Display filenames prefixed with one or more occurrence of any character, followed by the letters “tar” and ending with one or more occurrence of any character will be removed. (4 marks)

Q.2. This file contains data regarding the persons having designation as director and members in DRDO, named as DRDO.txt [C373.2]

a) Delete all the spaces in the file DRDO.txt (2Marks)

b) In the file DRDO.txt replace the word ‘director’ with ‘member’. (2Marks)

c) Replace the word ‘member’ with ‘director of marketing’ in file DRDO.txt. (2Marks)

d) Display the lines having designation of maximum 8 characters only.Create following directory structure (4Marks)

**Set B**

Q.1. Create files with following names

createbackup.sh,list.sh, ectar.sh, lspace.sh,speaker.sh,listopen.sh,lost.sh, rename-files.sh,topprocs.sh, lost.txt, csetar.txt [C373.2]

1. Display  all files with names starting with “l” and ending with one or more occurrences of any character. (2Marks)
2. Display all filenames prefixed with two characters (first consonant and second vowel) followed by “st” but ending with one or more occurrence of any character. (4Marks)
3. Display filenames starting with any of these characters “clst” followed by one of these “io” and then any single character, followed by a “t” and lastly, one or more occurrence of any character. (4Marks)

Q2. Devise wild‐card patterns to match the following filenames: [C373.2]

1. Oind, Okhd, Oerd. (2Marks)
2. Oind, Okhd, Oerd, Oereed, Oad, Oerererd, Od, Oarmeerrd (2Marks)
3. Print name of every file whose name either begins with a s or v. (2Marks)
4. Find every file whose name includes a digit in it. (4Marks)