2008 JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
B.TECH COMPUTER SCIENCE & ENGINEERING
UNIX OPERATING SYSTEM

MAY 2008

TIME:3 HOUR
MARK:80

ANSWER ALL THE QUESTIONS

1 1. How do you locate lines containing these patterns?

 (i) saxena or saksena

(ii) rajiv, rajeev or Rajeev (

iii) SIGSTOP or SIGTSTP.

2. Find out the name and designation of the youngest person in emp.lst who is not a director.

3. Add two spaces to the beginning of every line.

4. Invert the name of the individual in emp.lst so that the surname occurs first.

5. List the ordinary files in your current directory that are not user-writable.

6. Set a variable kount to store a count of the number of lines containing the word HTML in the files foo1, foo2 and foo3.

7. Use command substitution with grep to list the names of the persons from emp.lst who were born today.

8. How will you remove blank lines from a file using (i) grep and (ii) set?

9. Locate lines longer than 100 and smaller than 150 characters using (i) grep (ii) sed.

10. Find out the occurrences of three consecutive and identical word characters (like aaa or bbb) using (i) grep and (ii) sed.