

External Lab Exam Schedule: Design of Operating System (CSE - 4049)
Semester: 5th Branch: CSE/CSIT

Set 2:

Q1. Create a file named as file3 storing content of file1 merged with content of file2. (2 Marks)

Q2. Write a shell script named as **prog2.sh** that will take three command line arguments specifying the value of n, m and a filename and display the first n number of lines and last m number of lines of the file given as argument. (3 Marks)

Q3.) Write down all possible outcome of program. (3 Marks)

```
int main( )
{
    if(fork()==0)
        printf("1");
    else
        printf("2");
    printf("3");
    return 0;
}
```

Q4. Write a shell script **prog4.sh** which will display one message to enter a character and according to the character entered it will display appropriate message from the following options: (5 Marks)

- You entered a lower case alphabet
- You entered an upper case alphabet.
- You have entered a digit.
- You have entered a special symbol.
- You have entered more than one character.

Q5. Write a shell script **prog5.sh** to perform floating point arithmetic on two numbers, where the value of the two numbers will be given during runtime. (2 Marks)