Operating System Lab
(ETCS -352)
Lab Assessment Sheet

Student Enrollment No: Student Name:

S.No	Experiment	Marks					Total marks	Signature with date
		R1	R2	R3	R4	R5		
1	Write a program to implement CPU scheduling for first come first serve.							
2	Write a program to implement CPU scheduling for a shortest job first.							
3	Write a program to perform priority scheduling.							
4	Write a program to implement CPU scheduling for Round Robin.							
5	Write a program for page replacement policy using: a) LRU b) FIFO c) Optimal.							
6	Write a program to implement the first fit, best fit, and worst fit algorithm for memory management.							
7	Write a program to implement reader/writer problem using semaphore.							
8	Write a program to implement Banker's							

	algorithm for deadlock avoidance.							
Experiments (Beyond the syllabus)								
1	To write about different types of operating systems and steps to install Linux installation.							
2	To write about and execute various Linux commands.							
3	To write the following shell programs: • Program to find the greatest of 3 numbers. • Program to find given number is odd or even. • Program to check whether a given number is prime or not.							
4	To write the following shell programs: • Program to check whether the given input is a number or a string. • Program to compute no. of characters/ words in each line of a file.							
5	To write the following shell programs: • Script to check whether a given string is a palindrome. • A script to calculate the average of n numbers. • Script to find the sum of digits of a given number.							
6	To write the following shell programs: • Shell script to calculate the factorial of a							

	number. • Shell script to print Fibonacci series up to given number.							

Overall Comments:

Faculty Name:

Signature: