

Department of Electrical Engineering

Assignment

Date: 19/08/2020

Course Details

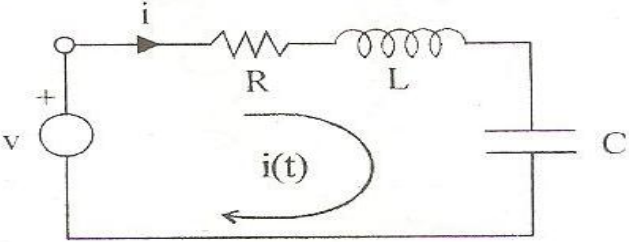
Course Title: Control Technology
 Instructor: _____

Module: 4rth
 Total Marks: 30

Student Details

Name: _____

Student ID: _____

Q1	(a)	What do you know about Hand Exoskeleton Robotic System? Explain function of each part. What if we remove control system from this robotic system?	Marks 05 CLO 1
	(b)	Explain the process of Modeling and function of actuator. Back your answer with valid data, facts and figures.	Marks 05 CLO 1
Q2	(a)	Solve for transfer function by using method of your own choice.	Marks 05 CLO 1
			
	(b)	Write a MATLAB command for Laplace, Inverse Laplace and Transfer Function. Use function of your own choice. Back your answer with valid data, facts and figures.	Marks 05 CLO 1
Q3	(a)	How can the level of water be controlled? Support your answer with a block diagram and valid equation.	Marks 10 CLO 2

☺Good Luck☺