Department of Electrical Engineering
Final Assignment
Date: 23-09-2020

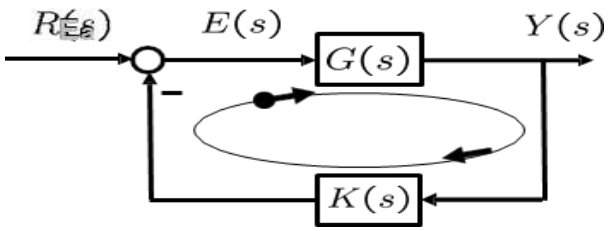
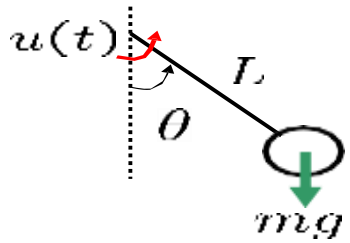
Course Details

Course Title: Linear Control System **Module:** _____

Instructor: _____ **Total Marks:** 50 .

Student Details

Name: _____ **Student ID:** _____

Q1:	**(a)**	Find the Transfer Function by using Feedback Loop 	**Marks 15** **CLO 2**
Q2:	**(a)**	Find the linearization of following diagram 	**Marks 15** **CLO 3**
	(b)	What is Linear system and why we do Linearization?	**Marks 05** **CLO 2**
Q3:	**(a)**	Using Routh array determine the stability of the system represented by the given characteristic equation Q(s) = $s^4 + s^3 + 3s^2 + 2s+2$	**Marks 15** **CLO 3**