


National University of Computer and Emerging Sciences, Lahore Campus				
	Course:	Differential Equations	Course Code:	MT-1006
	Program:	BS(CS/DS)	Semester:	Spring 2022
	Duration:	-	Total Marks:	
	Submission Date:	To be announced by Instructor	Weight	
	Section:	All sections	Page(s):	
	Exam:	Assignment 3	Roll No:	
Name:				

Attempt the following problems

Note: Divide your assignments in two sections mentioning CLO-04 and CLO-05 at the beginning of both sections.

CLO-04

Attempt the following problems - A FIRST COURSE IN DIFFERENTIAL EQUATIONS with Modeling Applications by DENNIS G. ZILL (10th Edition).

Chapter 4

Exercise 4.1 Q: 2, 3, 10, 14, 19, 21, 30, 31.

Exercise 4.2 Q: 2, 7, 14, 15, 17.

Exercise 4.3 Q: 7, 23, 27, 30, 36, 37, 41.

Exercise 4.4 Q: 7, 21, 32, 37, 41.

Exercise 4.5 Q: 7, 13, 23, 29, 63, 67.

Exercise 4.6 Q: 15, 18, 22, 23, 26.

CLO-05

Attempt the following problems - DIFFERENTIAL EQUATIONS with boundary value problems by DENNIS G. ZILL (9th Edition).

Exercise 11.2 Q: 7, 9, 11, 19

Exercise 11.3 Anyone from 1-10, 13, anyone from 25-34, 38