

National University of Computer and Emerging Sciences, Lahore Campus



Course:	Computer Org & Assembly Lang Lab	Course Code:	EL213
Program:	BS(Computer Science)	Semester:	Fall 2018
Duration:	30 Minutes	Total Marks:	10
Paper Date:	7-Dec-18	Weight	5%
Section:	A	Page(s):	1
Exam:	Quiz-2		

Instruction/Notes: Understanding the question statement is a part of your quiz.
Plagiarism in any form shall not be tolerated.
Add comments for better understanding.

Question 1:

Design a TSR that prints the number of seconds on the top left side of video memory. You are required to disable the timer interrupt for every **odd keystroke** and enable the timer interrupt on every **even keystroke**. The seconds count should stay on screen even if the timer is disabled.

For this question, 1 keystroke=key pressed+ key released i.e. a key pressed and released=> keystroke-01

another key pressed and released=> keystroke-02 and so on

The count for keystrokes starts from 1 instead of zero.