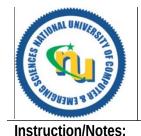
National University of Computer and Emerging Sciences, Lahore Campus



Course: Computer Org & Assembly Lang Lab Course Code: **BS(Computer Science)** Program: Semester: **Duration:** 30 Minutes **Total Marks:** Paper Date: 7-Dec-18 Weight Page(s):

EL213

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Fall 2018

Section: Α

Exam: Quiz-2 Understanding the guestion statement is a part of your guiz.

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.