



Quiz 2

Phy lab 112

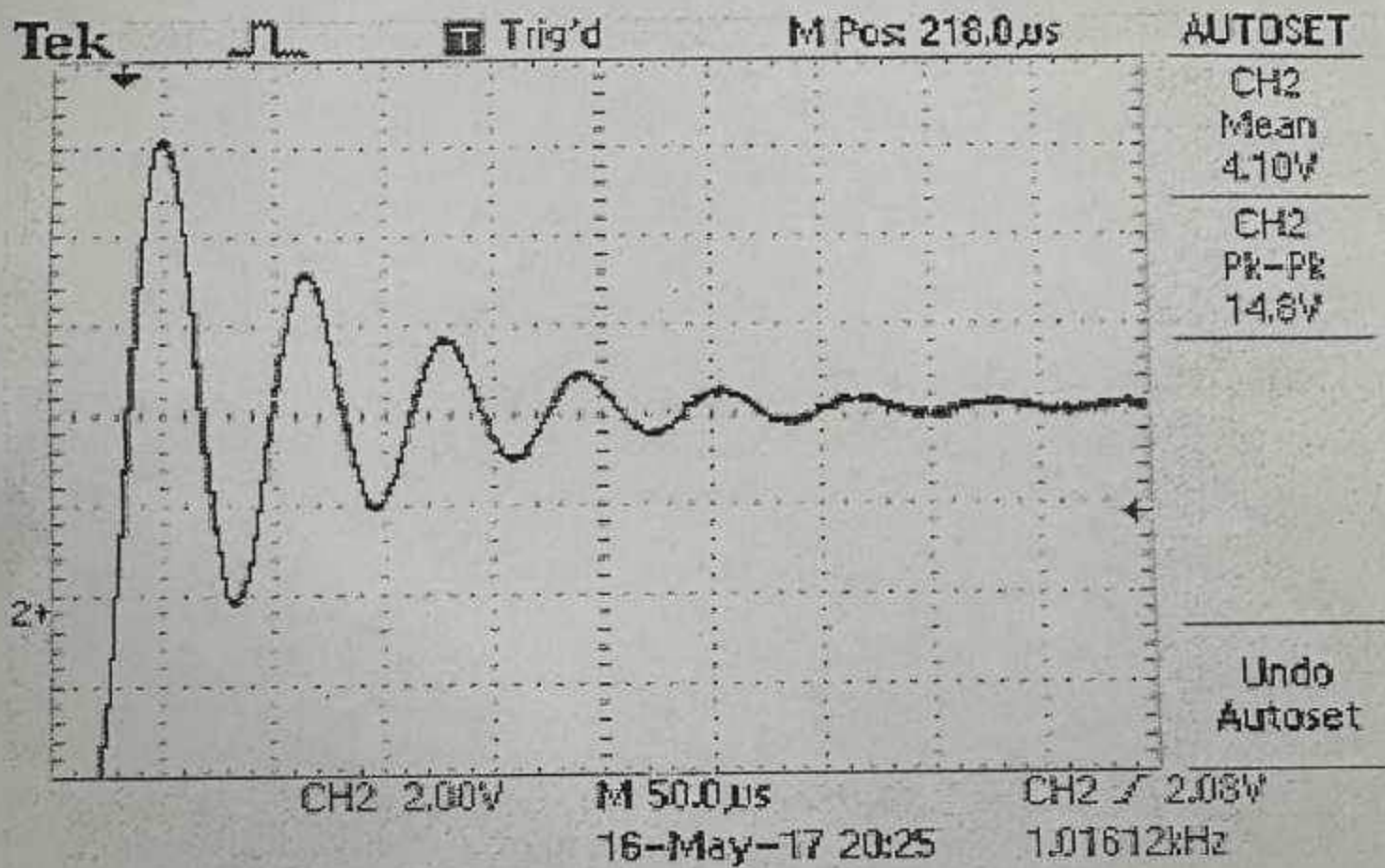
Name: _____

Sect: 18 R (8:00 – 10:50)

ID: _____

Date: _____

Q1: For the following RLC circuit if $L = 10\text{mH}$ and V_c is shown in the figure below. Use the information in the V_c vs time curve to find the following quantities.



- a) The half-life time $t_{\frac{1}{2}}$
- b) Decay constant δ .
- c) The resistance R .
- d) Angular frequency ω .

25(μ s)