

LAHORE UNIVERSITY OF MANAGEMENT SCIENCES
Department of Electrical Engineering

EE240 Circuits I
Quiz 05 - Section 1

Name: _____

Campus ID: _____

Total Marks: 10

Time Duration: 20 minutes

Question 1 (10 marks)

In the following circuit, the switch is opened at $t = 0$. Determine the voltage $v_o(t)$ for all times. Also plot the voltage for $-\tau \leq t \leq 6\tau$ (where τ denotes the time constant of the circuit).

