

LAHORE UNIVERSITY OF MANAGEMENT SCIENCES
Department of Electrical Engineering

EE240 Circuits I
Quiz 07 - Section 2

Name: _____

Campus ID: _____

Total Marks: 10

Time Duration: 15 minutes

Question 1 (10 marks)

In the following circuit, the switch SW_1 is closed at $t = 0$. Determine $v_1(0^+)$, $v_2(0^+)$, $v_3(0^+)$, $\frac{dv_1}{dt}(0^+)$, $\frac{dv_2}{dt}(0^+)$ and $\frac{d^2v_1}{dt^2}(0^+)$.

