

LAHORE UNIVERSITY OF MANAGEMENT SCIENCES  
Department of Electrical Engineering

EE240 Circuits I  
Quiz 07 - Section 1

Name: \_\_\_\_\_

Campus ID: \_\_\_\_\_

Total Marks: 10

Time Duration: 15 minutes

Question 1 (10 marks)

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

