

Middle East Technical University
Computer Engineering Department

EE 281- Electrical Circuits: Quiz 1

November 3, 2022

Duration: 30 minutes

Name: _____

Student Number: _____

Signature: _____

- Show details of your work.
 - Indicate all units.
 - Show critical points on your sketches.
 - Calculators are not allowed.
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1. Consider the circuit given below. Write the node-voltage equations in **matrix form**, in terms of the node voltages v_a , v_b and v_c only.

