

Name:

ID:

EEE 2113: Electrical Circuits

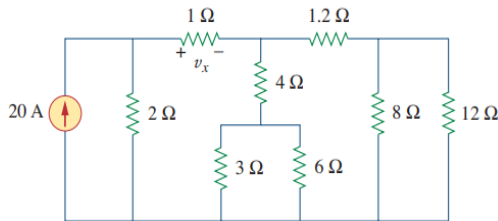
Class Test 02

Section G

Time: 40 Minutes

Total Marks: 20

1. Find V_x , the power across 12 ohm resistor and the current across 8ohm resistor.



2. For the circuit shown in **Figure 2**, determine the following questions:

- i) Determine the value of I_x , V_o
ii) Determine the current and voltage of 5kohm and 20kohm resistance

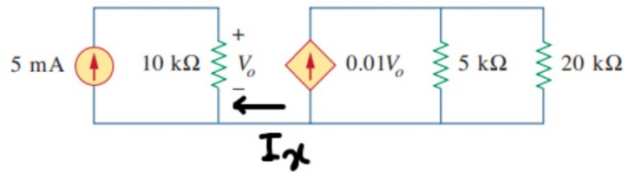


Figure 2.

3. Determine the equivalent resistance for the circuit shown in **Figure 3**:

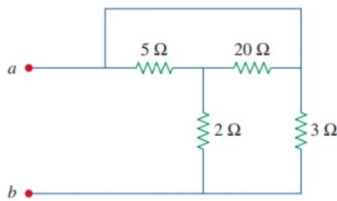


Figure 3.

4. Find i_1 , i_2 , i_3 and i_4 .

