

solution

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Jordan University
Faculty of Engineering and Technology
Electrical Engineering Department
Summer 2005

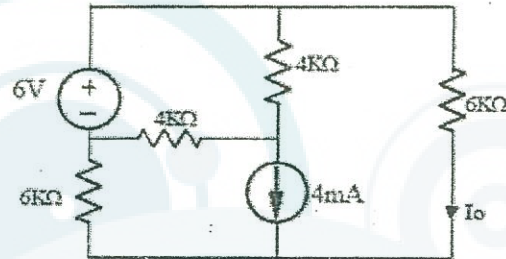
EE206

First Exam

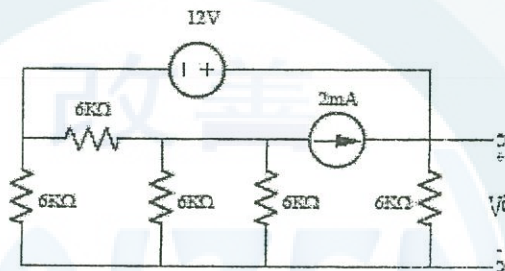
Time: 1 Hours

NOTE: 5 MARKS OF EACH QUESTION

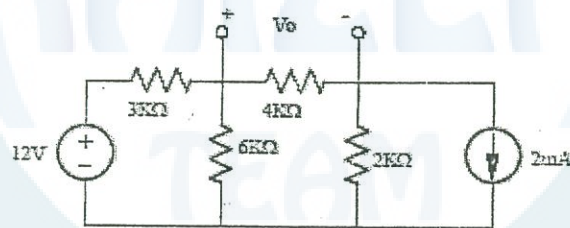
Q1- Find I_o in the circuit shown using superposition?



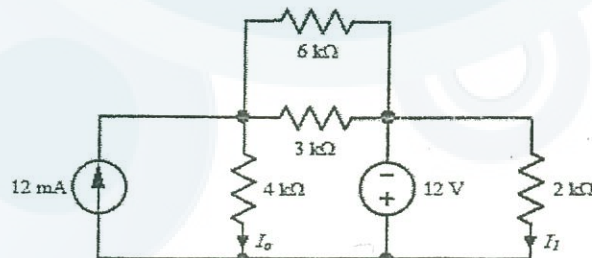
Q2- Find V_o in the network shown using Nodal analysis



Q3- Use Norton Theorem to find V_o in the network shown.



Q4- Find the power dissipated in $R=3k\Omega$



I_o
 I_R