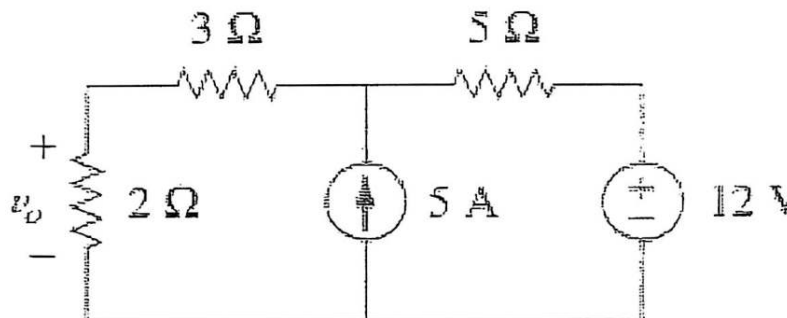
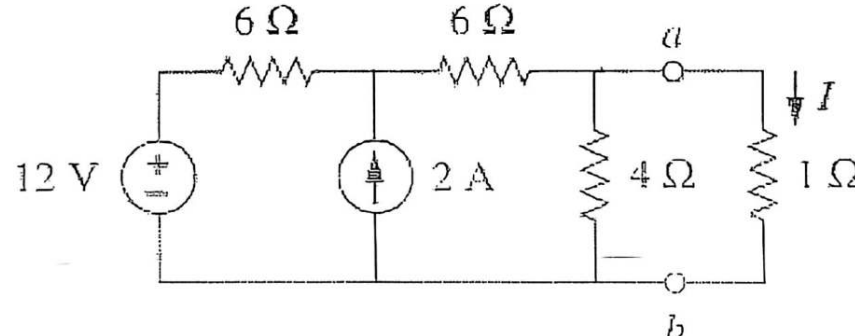


Time: 1:30 Hrs

Answer all the following *Three* questions
[All portions of each question must be answered sequentially]

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Q3.	a.	Analyze the following circuit using the superposition theorem by determining the contribution of each independent source separately and hence finding the output voltage, v_o : 	2x5 =10	CO3
	b.	Analyze the circuit using Thevenin's theorem by obtaining the Thevenin equivalent circuit and hence determining the value of the current, I in the following circuit : 	2.9	3A