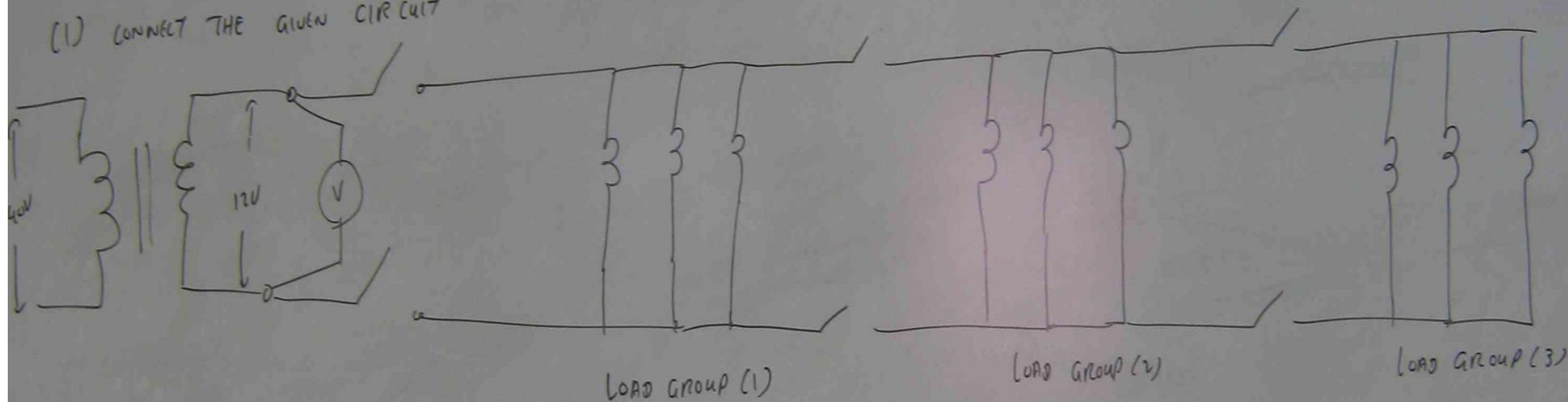


# PRACTICAL ①

## POWER TRANSFORMER % REGULATION TEST

(1) CONNECT THE GIVEN CIRCUIT



(2) MEASURE THE TERMINAL VOLTAGES BY CONNECTING LOAD GROUPS 1 / 2 / 3

(3) CALCULATE % VOLTAGE REGULATION AND FILL IN THE TABLE

NO LOAD	LOAD GROUP (1) ON	LOAD GROUP 1 + 2 ON	LOAD GROUP 1 + 2 + 3 ON
VOLTMETER $V_N =$	$V_{L1} =$	$V_{L2} =$	$V_{L3} =$
	$\% \text{REG} = \frac{V_N - V_{L1}}{V_N} \times 100$	$\% \text{REG} = \frac{V_N - V_{L2}}{V_N} \times 100$	$\% \text{REG} = \frac{V_N - V_{L3}}{V_N} \times 100$
	=	=	=



