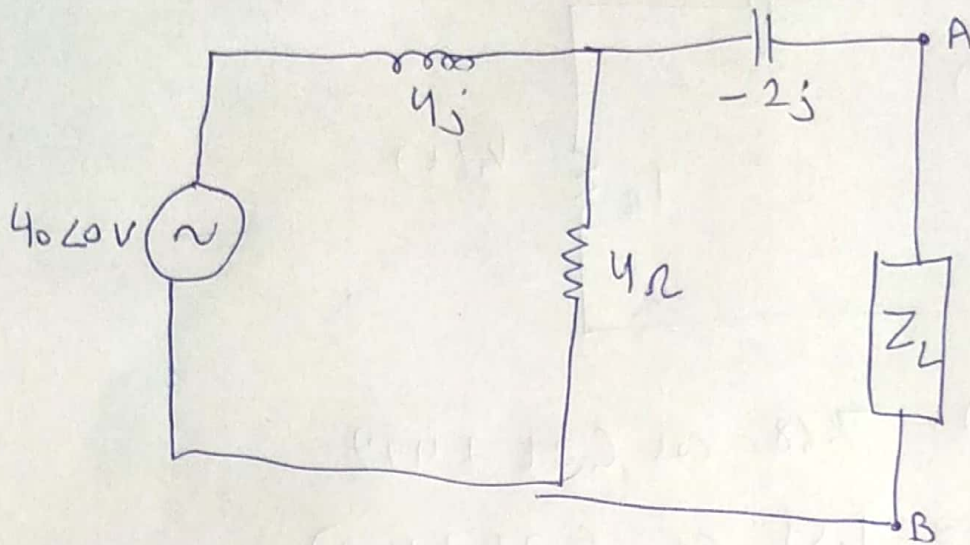
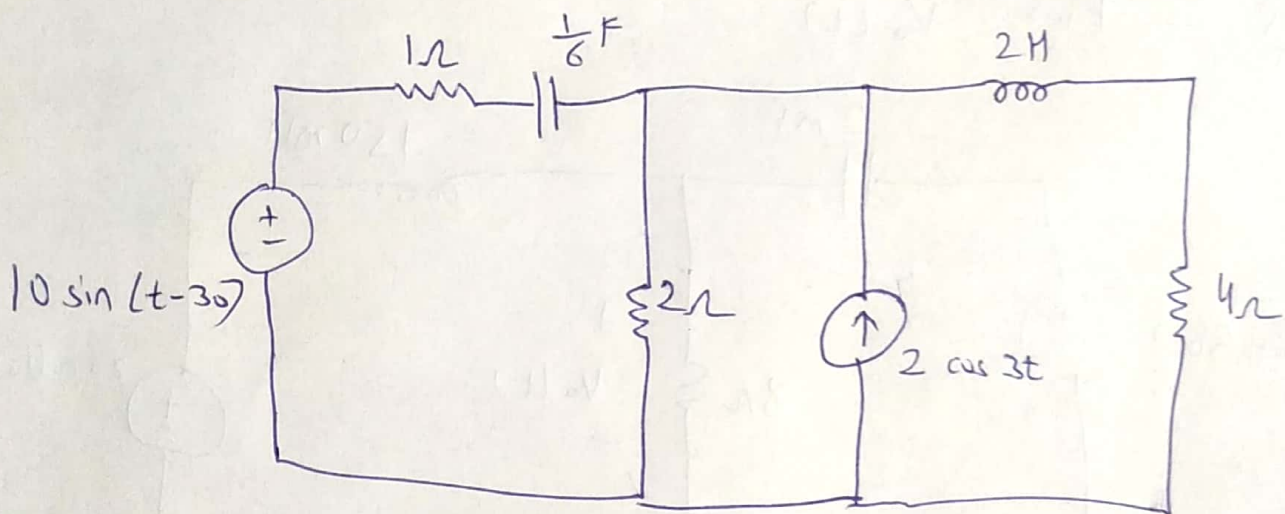


ASSIGNMENT

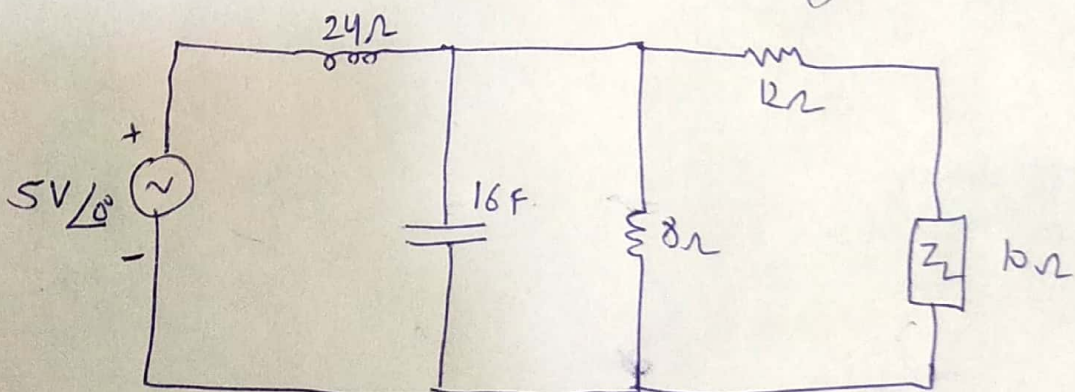
Q1 Find maximum power transferred to load :-



Q2 Find voltage across 4Ω resistor :-

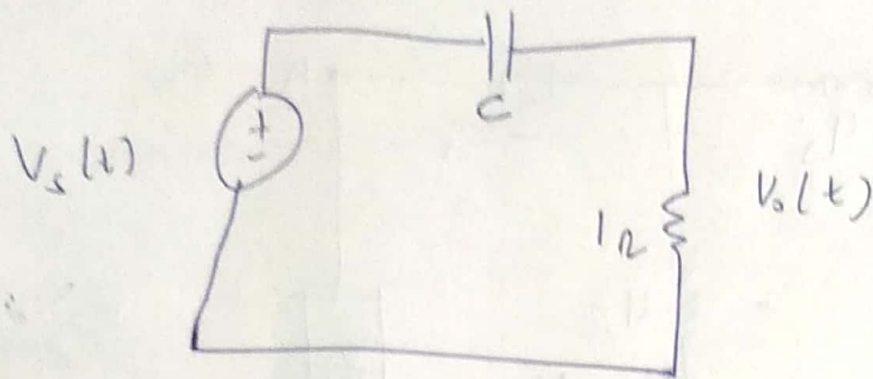


Q3 Find power dissipated by load using Thevenin Theorem.



Q4

Find value of C :



$$V_s(t) = 7.68 \cos(2t + 47^\circ)$$

$$V_o(t) = 1.59 \cos(2t + 125^\circ)$$

Q5

Find $V_o(t)$:

