

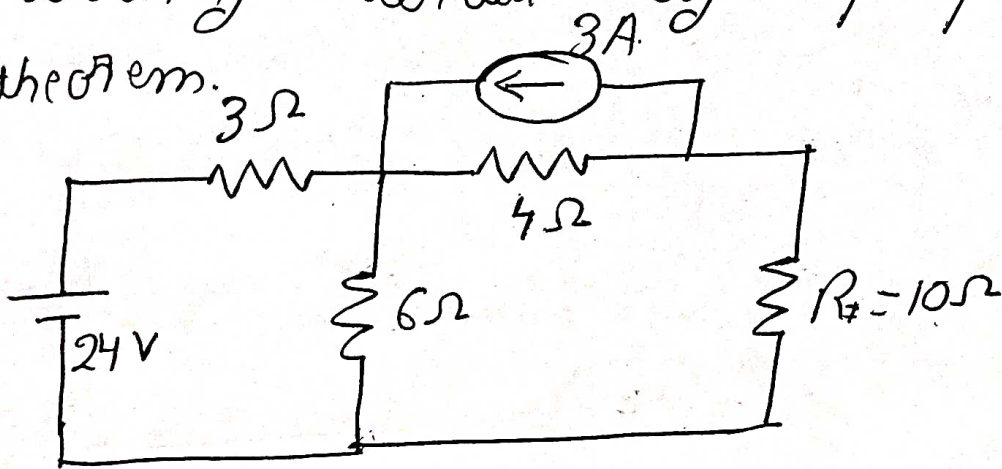
MONTHLY TEST - I

SUB - CNT

SEM - 3RD

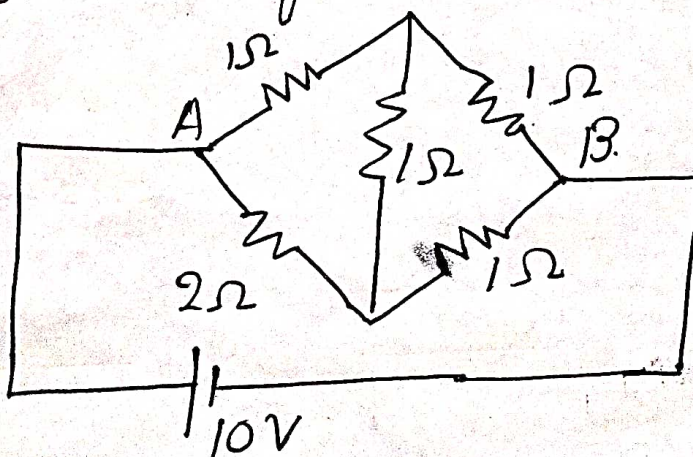
Answer all the questions?;

- Q1) Find the current through load resistance (R) in the following circuit by Superposition theorem.



- Q2) Prove that for a coupled circuit $M = K\sqrt{L_1 L_2}$.

- Q3) Using a delta-stan. transformation determine the current drawn from the circuit.



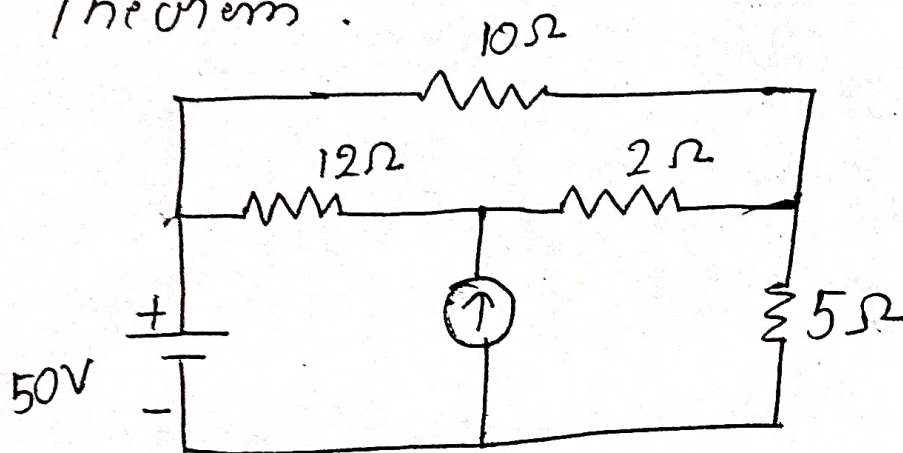
MONTHLY TEST-II

SUB - CNT

SEM - 3RD.

Answer all the question :

- Q1) Determine the current in 5Ω resistor using the Thevenin's Theorem.



- Q2) A coil of resistance 20Ω & inductance of 0.5H is switched on a D.C. 200V supply. Calculate the expression of current?

- Q3) Describe the characteristics of High-Pass Filter & its characteristics application?

_____ x _____ x _____