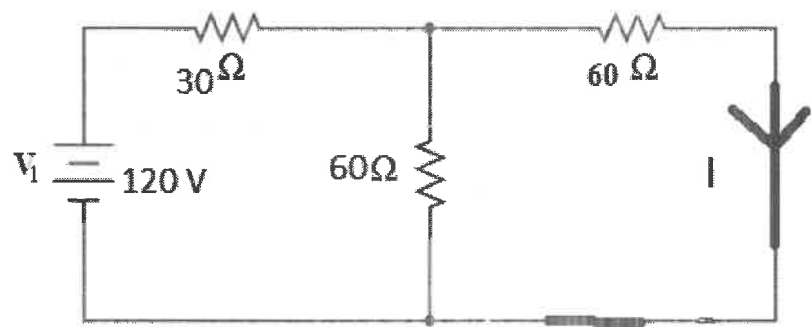


13	Explain average value, RMS value in Graphical Method & Analytical method. (10M)
OR	
14	Write the relation between voltage, current & power for parallel RLC circuit. (10M)

15	<p>Find current through 60 Ohm resistor for the following circuit using Norton's Theorem. (10M)</p> 
OR	
16	<p>Explain maximum power transfer theorem with suitable example (AC) and derive the expression for maximum power delivered to the load. (10M)</p>
17	<p>a) Derive the equation for induced EMF of a DC generator? (5M) b) Compare Lap winding and Wave winding in a DC Machine. (5M)</p>
OR	
18	<p>Explain the principle of operation of transformer? Draw the phasor diagram for no load condition. (10M)</p>
19	<p>Explain Different Types of Batteries. (10M)</p>
OR	
20	<p>Explain plate Earthing and pipe Earthing in detail. (10M)</p>