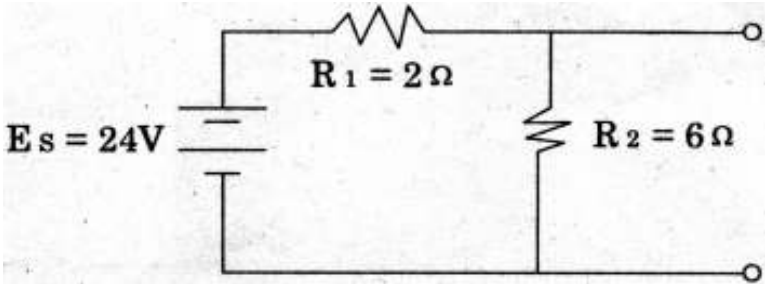


Short Answer type Questions (SAQ's)		
5.	(a) State the Coulomb's law. (b) Define Volt Amp (VA)	2 3
6.	Convert the given circuit into its Thevenin's equivalent circuit. <div style="text-align: center;">  <p>The diagram shows a circuit with a DC voltage source $E_s = 24V$ on the left. A resistor $R_1 = 2\Omega$ is connected in series with the positive terminal of the source. The other end of R_1 is connected to a node that branches into two paths: one path goes down through a resistor $R_2 = 6\Omega$ to the common bottom wire, and the other path goes right to an open terminal. The bottom wire connects the negative terminal of the source, the bottom terminal of R_2, and the bottom terminal of the open circuit.</p> </div>	5
7.	Write a short note on Wattmeter.	5
8.	A sine wave has a maximum voltage of 350 V. At what angle of rotation will the voltage reach 53 V ?	5