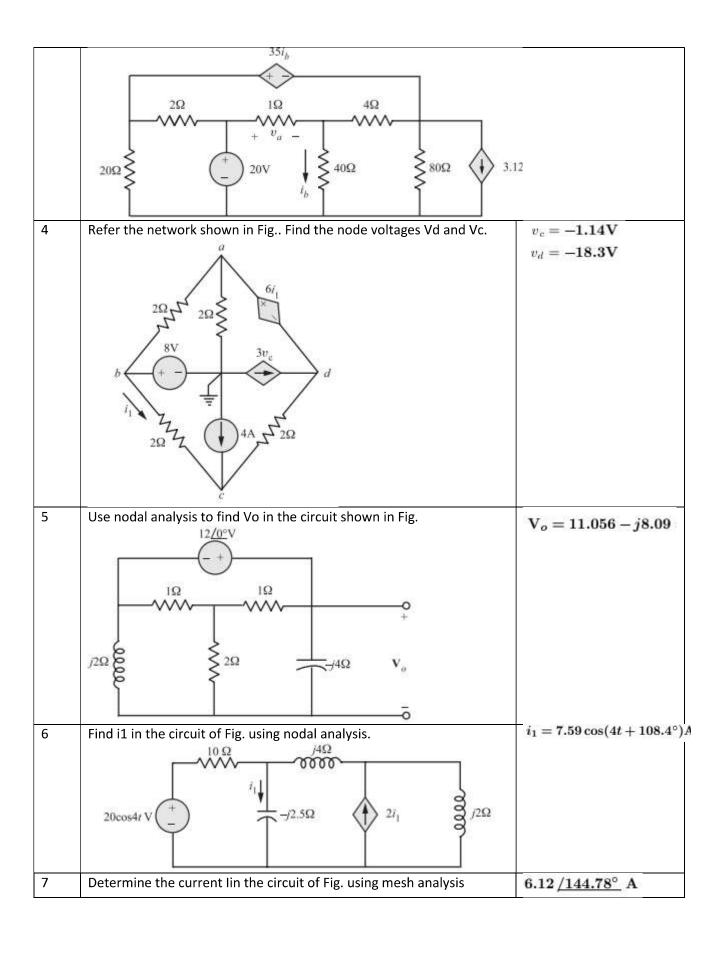
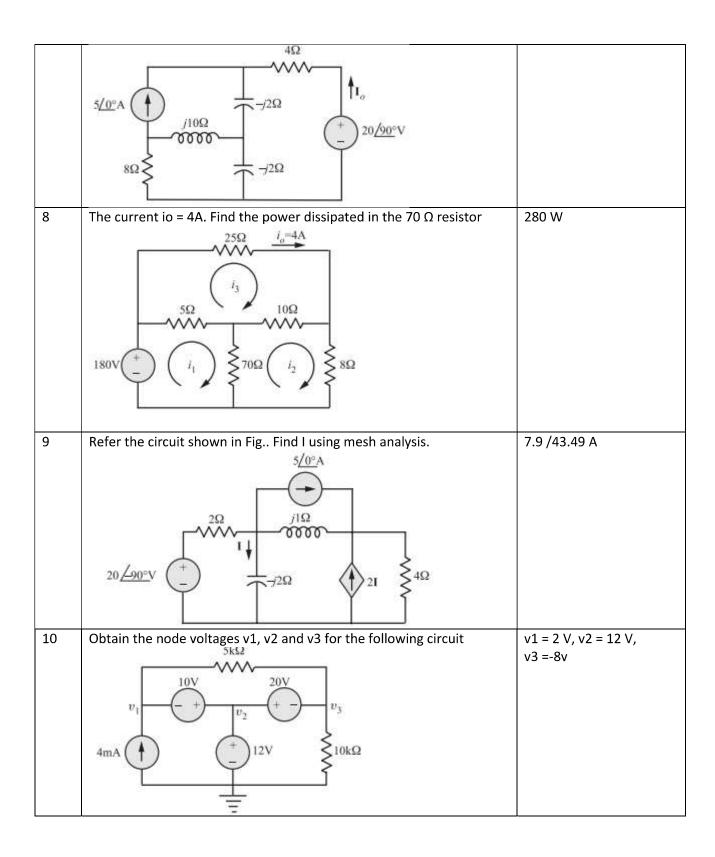
SI.	Problems	Ans
No. 1	For the electrical network shown in Fig, determine the loop currents and all branch currents. $\begin{array}{c} 5\Omega \\ \\ 0.2\Omega \\ \\ 10V \end{array}$	$I_1 = 0.11A$ $I_2 = -2.53A$ $I_3 = -0.9A$
2	For the network shown in Fig. find the mesh currents. $1\Omega \qquad \qquad$	$i_1 = 7.5 A,$ $i_2 = 2.5 A,$ $i_3 = 2.5 A,$
3	Use the node-voltage method to find the power developed by the 20 V source in the circuit shown in Fig.	602.5 W





For the electrical network shown in Fig, determine the loop currents and all branch currents.	