

Given, $R = 10 \Omega$, 1 = 0.4 HFor given AC source $V_{mis} = 0.5 U$, V = 30 HzT

 $= (2\pi V)(L)$ $= (2\pi V)(L)$ $= (2\pi V)(30)(0.4)$

7 X = 2452

 $\frac{1}{2} = \int R^2 + \chi_2^2$ $= \int \int 00 + 570$ $= \int C76$

[2 = 2/2]

 $\frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1$