Name: Ananya Prasad

Leg No: 20BCE 10093

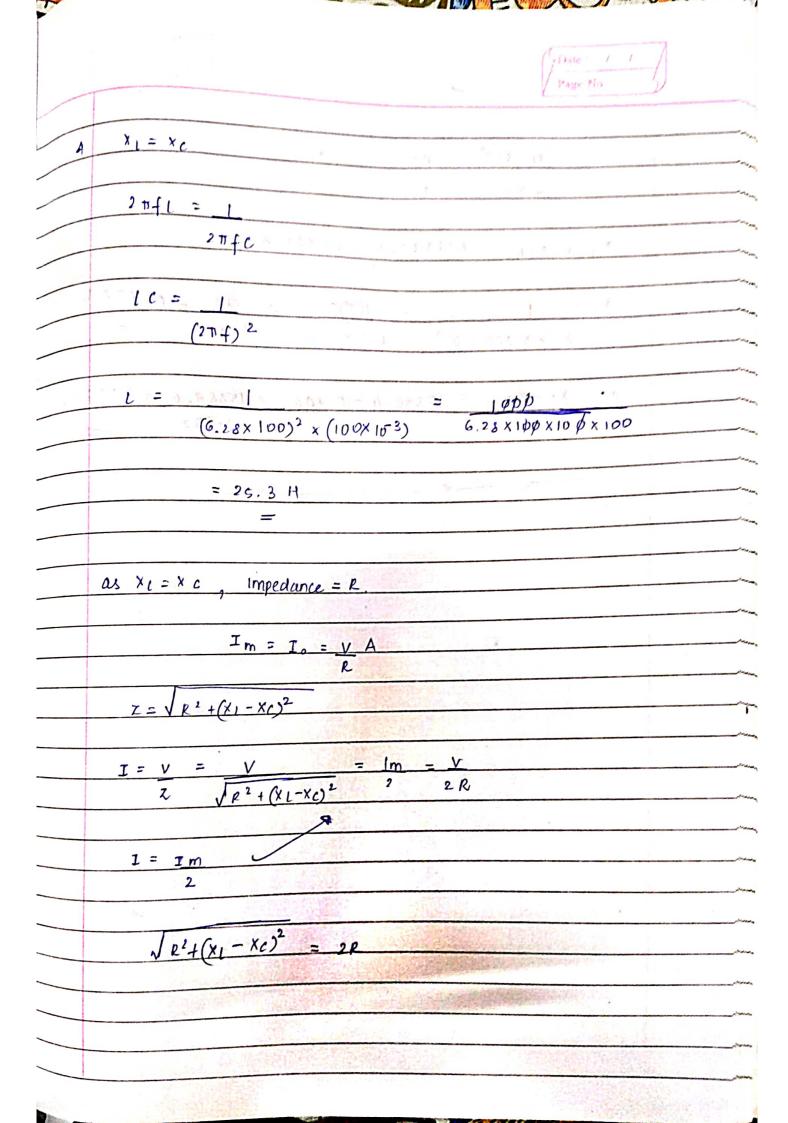
$$Q.f = IXL = 2\pi fL = 2\pi L \times I = I L$$

$$IR \qquad R \qquad R \qquad 2\pi \sqrt{LC} \qquad R \sqrt{C}$$

$$Q f = \int_{0}^{0} \int_{0.1}^{0} = 0.353$$

$$f_2 = f + R = 5.714 + 0.7961 = 13.67 Hz$$

_	
	The transfer and the same
_ 2	$x_1 = y_C$ , $z = R$
	$I_0 = I_m = V - V$
	$T_0 = I_m = \frac{V}{Z} - \frac{V}{R}$
	k = V = 230 = 153.3.2
	Im 1.5
	$V_L = V_C = GDOV$
	$V_{\parallel} = I_{m}X_{\parallel} = 600V$
	X1 = 600 = 400 D
	1.5
	now 11 400
	now, $\underline{l} = 400$
	c = 1 = 7-96×10 <sup>-6</sup> F
	3 14 x 400
	3 - 1
3	f = 50 = 1 211/LC
	17 is
	$L(=\frac{1}{(2\pi f)^2}$
	TO THE RESIDENCE OF THE PERSON
	$C = \frac{1}{(2\pi f)^2 L} = \frac{(2\times 3.14\times 50)^2 \times 1\times 10^{-3}}{(2\times 3.14\times 50)^2 \times 1\times 10^{-3}}$
- ehtl	是是 <b>是是</b>
	C = 0.01 F
	$V = 5 \times (D = 250V (as Z=R)$
A book	$V = 5 \times (D = 2300)$
	AND
- 12 miles	



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(XL-XC)2 = 3 R2 13 R = X1-XC X1 = 211fl = 628 X25.3 = 15888.4 -2 = 10 = 0.7962 X c = = 100p = 12.56 6.28 X 200 X 10-3 6.28 × 200 = 15887.6 = 9172.972  $R = X_1 - X_2 = 15888.4 - 0.796$ 1.732 - x ----x -- Christmelle William