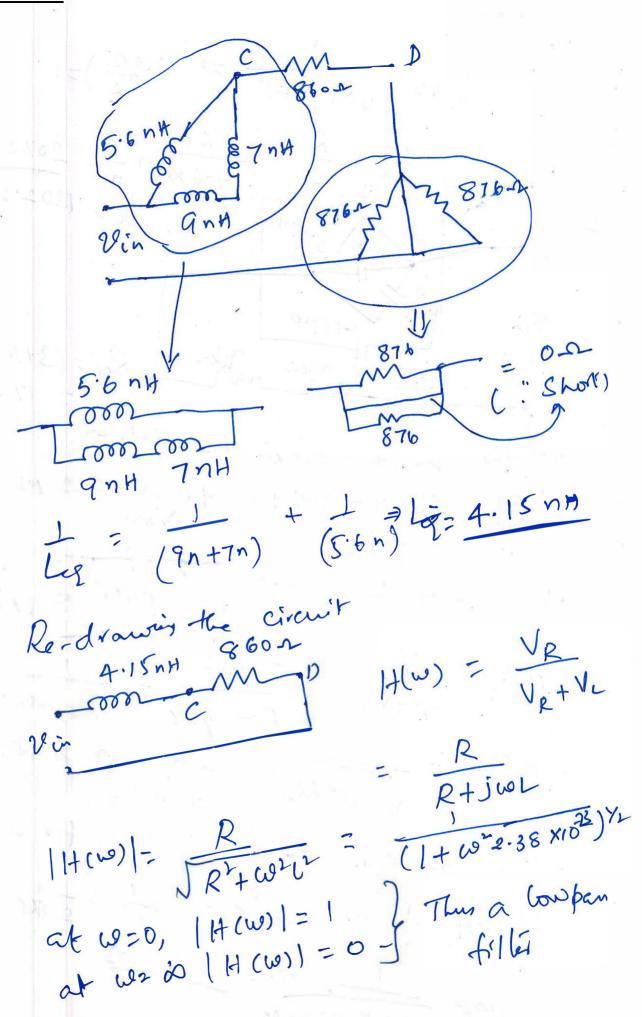
1)



When 1/+ (w) /= -1/2 = R = = > (L)=1 We = R = 860 1 = 207.3GHZ 2) Rec = (3+5+9) kr skr gkr All the cepa citors are in parelled. So Cer = (0-21+0.5+0.2\$0-35+0.25) NE Re-drawing the circuit vi 1.7110 \$ 17 kg = 1.71 MP H(w): Vc = -5/wc = 1 VR+VC = -5/wc = 1+jwRC (H(w)) = - 1 where p=0 w=0

(H(w)) = 1

(H(w)) = 1

(ow par filling (=) |H(w)| = 0 for w=000 $|+(\omega)|=\int_{-\infty}^{\infty} |+(0.029)^2\omega^2$

Ika ska 27 pf 1 =) Ree = 4 h.m. (16+3h) = (a (L+1) = (60p 30p) = enaut: 47pF H (6) |H(w)|= R = J = WRC TR+ Lorer | T+ (WRC) = JI+(WRC) = $\omega \rightarrow 0 =)$ $H(\omega) \rightarrow 0$ χ $\omega \rightarrow \infty \Rightarrow H(\omega) \rightarrow 1$ χ 11+ 4×103 602 fc= 247 RC [H(w)] = 1 - 1 + 1 Leg = 1.5 (1.2+0.5) 1.2 H 9 kr 2.5 hr > 13 hr

H(60) = VR = R JULTR 1H(w) = 1 = 1+(L) wr = 11+0.09760 ×10-6 (0-)0 |1+(00)|->1 y => (ow pan filler $fc: |A(w)| = \frac{1}{12} = \frac{1}{1+0.097} = \frac{1}{1+0.097}$ We= JO.97 fe= 11X10097X16-6 2 510 H8