Quizz No: 4
Name ASHFARD AHMAD
Reg No: 19PW CSE 1795
Section
Ans $V_{i}(t) \stackrel{?}{=} V_{0}(w) = 0.2 \frac{1+j \frac{1}{2}}{1+j \frac{1}{2}}$ $H(w) = \frac{V_{0}(w)}{1+j \frac{1}{2}} = 0.2 \frac{1+j \frac{1}{2}}{1+j \frac{1}{2}}$
H(w) = 175 (w)
$Z = \frac{1}{3} = \frac{3}{3}$ $Z = \frac{14}{3} = \frac{14}{3}$ $P = \frac{9+5}{3} = \frac{14}{3}$
P = 7 $L = ?$
No is the Nortage drop across Serves of register & Inductor
1/0 = 32+ 1 ml , (+)

No = 2 + Jwl
7/2 10 + jwL
$\frac{\sqrt{10}}{\sqrt{1+\frac{1}{10}}} = \frac{10}{1+\frac{1}{10}} \frac{1+\frac{1}{10}}{1+\frac{1}{10}}$
$\frac{\sqrt{10}}{\sqrt{1+\frac{1}{10}\sqrt{10}}} = \frac{10}{1+\frac{1}{10}\sqrt{10}}$
$H(m) = \frac{\Lambda^{2}}{\Lambda^{0}} = 0.5 \left(\frac{1 + jm \chi^{0}}{4 + jm \chi^{2}} \right) - 6 \left(\frac{1}{4} \right)$
This is the network function, Mor
This is the network function, Mors the given function is,
The state of the s
$H(m) = 0.5 \left(\frac{1+1m^{5}}{1+1m^{5}} \right) $ but refers
111101
H(m) = 0.5 (1+1m/4) - ed 3)
Compan ez () { (2)
$0 \left(\frac{1+1w/2}{1+1w/2}\right) = 0 \left(\frac{1+1w/4}{1+1w/4}\right)$
Compare nominator.
1+ jwy = 1+ 1k/4
V = 1
/2 4
[= \
L= 0.5
Now Compare denominator.
1.164 = 1+16/1
1+1/10
10 +
= 10
(L=1.428)
2 () () ()

these equations gives de values this equation cannot be solved my Reg No As 49 CM3 ASHFACE AHMAD 19PWCSET795 NO:

MONEY.