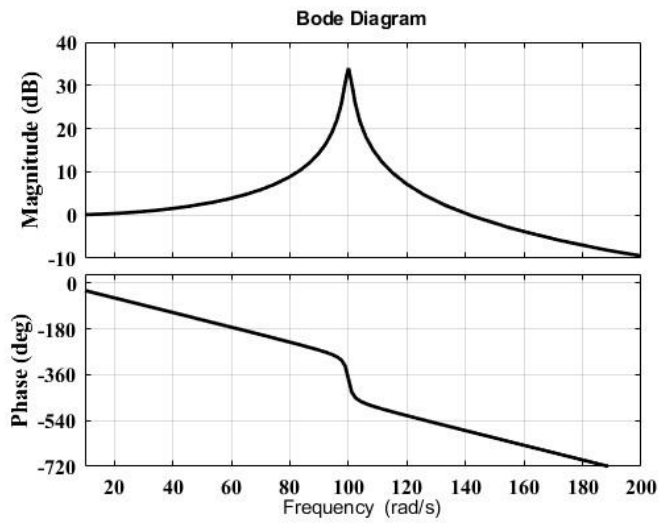# GATE IN 43

EE23BTECH11022 - G DILIP REDDY

Question:
The magnitude and phase plots shown in the figure
match with the transfer- function

1) $\dfrac{10000}{s^2+2s+10000}$

2) $\dfrac{10000}{s^2+2s+10000}e^{-0.05s}$

3) $\dfrac{10000}{s^2+2s+10000}e^{-0.05\times10^{-12}s}$

4) $\dfrac{100}{s^2+2s+100}$

(GATE IN 2023)

Solution: