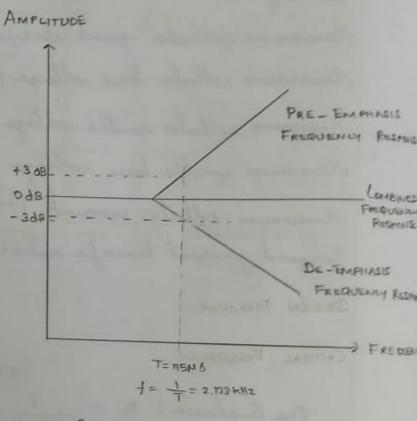


DESIGN CALCULATION:

Pre Emphasis, 
$$F_c = \frac{1}{2\pi \left(\frac{L}{R}\right)}$$
  $R = 10 \text{ kg}$   
 $f_R = 2.1 \text{ kg}$ 

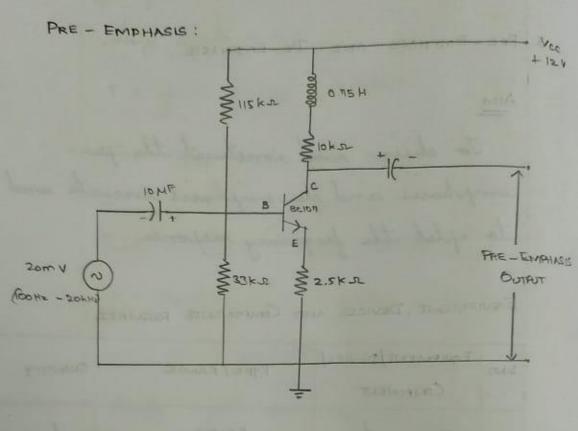
$$L = \frac{10 \times 10^3}{2 \times 2.1 \times 7 \times 10^5}$$

Model GRAPH :



CONSINED FREQUENCY RESPONSE :

## CIRCUIT DIAGRAM:



## DE - EMPHASIS:

