

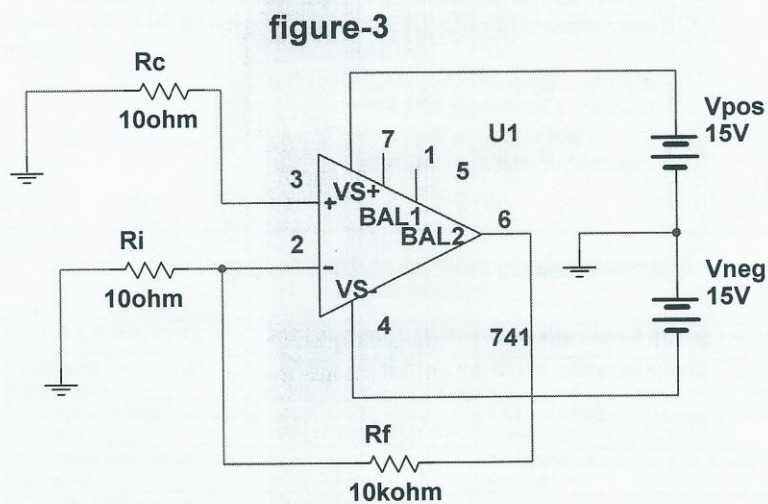
a) Determine the gain-frequency characteristics of a common operational amplifier.

b) Calculate the cut off frequency of an op-amp having characteristics

A_{vd} - Large-signal differential voltage amplification = 20

$B1$ - Unity gain bandwidth = 1MHZ

c) Estimate the input offset voltage for the Multisim 741 model of figure-3



d) Estimate the input bias currents and input offset current for the Multisim 741 model given in figure-3 .