



Department : _____
Name : _____

Session: _____ Date : _____
Student ID number : _____

LAB 5a – Audio Equalizer (PSpice Simulation)

Q1. Write down all the calculated component values.

R_{1a} _____

VR₁ _____ 100K Ω

R_{2a} _____

VR₂ _____ 100K Ω

R_{5a} _____

VR₃ _____ 100K Ω

R_{1b} _____

R_{1c} _____

R_{2b} _____

R_{2c} _____

R_{5b} _____

R_{5c} _____

R_G _____

R_m _____

C_a (lower freq) _____

C_b (middle freq) _____

C_c (higher freq) _____

f_{o_Lower} _____

f_{o_Middle} _____

f_{o_Higher} _____

Q2. Show the simulated frequency characteristic of your equalizer to TA.

(TA's name) _____

Q3. Capture the simulated frequency characteristic of your equalizer.

Put your plot here