

Experiment 1**Introduction to the
Circuits and Electronics Lab****Pre-Lab Report**

Question 1:

How do you plug and unplug the instruments in the LAB?




Question 2:

Indicate the color coding of the resistors shown in the table below (Assume 10% Tolerance)

Resistor Value	Colour Code			
56K Ω				
10 Ω				
33M Ω				

Question 3:

Indicate the values of the resistors shown in the table below

Resistor Value	Color Code
	
	
	

Question 4:

What are the two types of capacitors? What is the value of a ceramic capacitor with code 102?

Question 5:

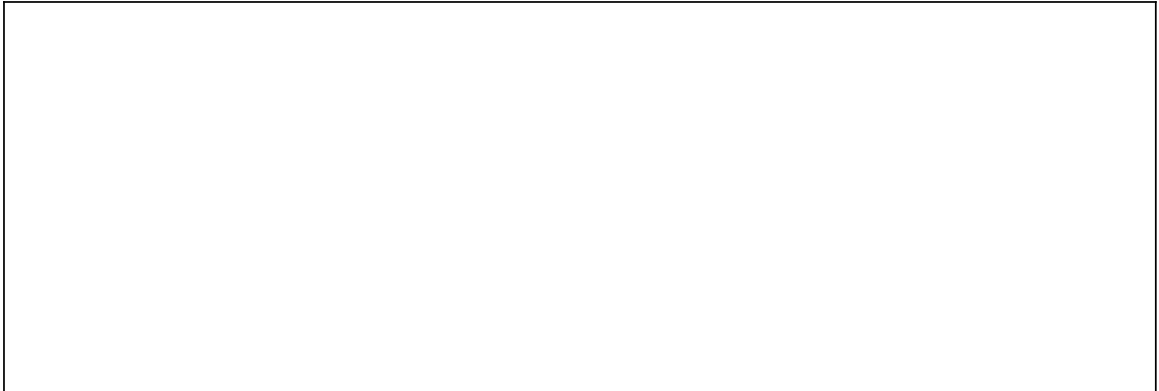
What is the base unit used for Inductors?

Question 6:

Name 3 types of diodes.

Question 7:

Give a small definition of the integrated circuit.

A large, empty rectangular box with a thin black border, intended for the user to provide a definition of an integrated circuit.

Question 8:

Name two technologies of relays.

A large, empty rectangular box with a thin black border, intended for the user to name two technologies of relays.