



## COMPUTER ENGINEERING TECHNOLOGY DEPARTMENT

### Electronic Circuits Laboratory Exercise

Name : \_\_\_\_\_

Instructor : \_\_\_\_\_

Section : \_\_\_\_\_ Date : \_\_\_\_\_

Score : \_\_\_\_\_

Title : \_\_\_\_\_

Lab No. : 2

**Series-Parallel**

#### A. Materials and Equipment:

- Breadboard
- Carbon Resistors,  $\frac{1}{2}$  W
- DC Power Supply
- Multimeter
- Connecting Wires

Resistor Color Code	
0-Black	7-Violet
1-Brown	8-Gray
2-Red	9-White
3-Orange	5%-Gold
4-Yellow	10%-Silver
5-Green	20%-No Color
6-Blue	

#### B. Series-Parallel Circuit:

1. Set up the given circuit (Fig. 1) on the breadboard.

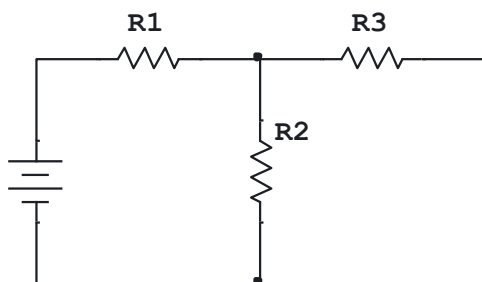


Fig.1. Series-Parallel Circuit

2. Measure the voltage across each resistor and record the readings in Table 1.

Table 1. Series-Parallel Voltage

Resistor	Measured Voltage
R1	
R2	
R3	