

**7** *Communication*

- 1 Work recorded in notebook (rather than pasted in)
- 1 Student's work Reproducible from notebook
- 1 Written in Ink
- 1 Student Signed every page
- 1 Student Dated every page
- 2 TA Signature for lab session

3 **IV. CONSTRUCTION OF LED POWER INDICATORS**

- 1 Explanation of task (built power indicators)
- 2 Diagram of circuit from Fig. 3

10 **V. RESISTANCE AND LED CURRENTS**

- A. *Measurements of Voltages*
 - 1 Explanation of task (measured voltages for R and LED)
 - 2 Table II filled in with measured values
- B. *Calculation of Current in Resistor and LED*
 - 1 Explanation of task (Used Ohm's law to calculate $i_R = i_{LED}$)
 - 2 Table III filled in with measured values
- C. *Plot of Current versus Voltage in LED*
 - 1 Explanation of task (Commented on plot of LED current versus voltage)
 - 3 Drew accurate plot of LED current vs voltage with all labels

/20 Total