**Lab - 2 Datasheet**

**Circuit Analysis – I**

|  |  |
| --- | --- |
| Student Name(s) |  |
| Date Lab Performed: |  |

**Table 1: Voltage Divider Circuit Measurements:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Theoretical Calculated**  **Values** | | | **Experimentally Measured Values** | | | %error of | %error of |
|  |  |  |  |  |  |
| 6.0V |  |  |  |  |  |  |  |  |

**Note 1:** The theoretical values are the ones you calculated in your Prelab (from Table # 2 of the Prelab Worksheet).

**Note 2:** The resistance, voltage and current values in all tables must be written with units.

Following, within the given space, show step-by-step **%error calculations** for both and :

|  |
| --- |
|  |

**Conclusions:** (min 150 words. Max 300 words)

**Lab-2 Datasheet Submission Requirements**

* Make sure to write a thoughtful conclusion in the **Conclusions** section summarizing your key observations and learnings from this lab. Conclusions should be at least **150 words** long. Conclusions section is worth 5 points (the lab is worth total 100 points – Prelab: 30 pts, Hands-on Lab: 70 pts).
* **File format:** Once this Datasheet is complete, **save/convert** this word file **as a .pdf file** having a filename as: “Lab-2 Datasheet\_FirstName of Student 1\_FirstName of Student 2.pdf”. For example, if name of the two students performing the lab in a group are Tom Cruz and Morgan Freeman, respectively, then the Lab-2 Datasheet file should have the following name: “Lab-2 Datasheet\_Tom\_Morgan.pdf”.
* Check with your lab instructor about specific instructions on how to submit your Lab-2 Datasheet for assessment and grading.