SC111/2 Laboratory Experiment

NAME:___________________________

- Memorandum (10 points)
  - Paragraph One: Intro
    - Introductory statement of the purpose of the experiment
    - Clear statement of results (report specific values or findings)
      - organized (in an attached table, if appropriate)
  - Paragraph Two: Explanation of the approach used to obtain the results
    - Very brief synopsis with an emphasis on the overall strategy, not specific procedural details
  - Paragraph Three: Conclusions:
    - Summary of the outcome (was purpose achieved?)
    - Critical analysis of the results
      - Precision
      - Accuracy
      - Limitations, underlying assumptions, of the methods used.
  - Quality of writing
    - Clear
    - Organized
    - Concise but complete
    - Proper assertions made and supported with evidence
    - Conclusions consistent with the evidence gathered
    - Proper Format (ONE PAGE!)
- Data, Data Analysis, and Results (5 points)
  - Data recorded properly (well-labeled, units, etc.)
  - Data Treatment including sample calculations
  - Spreadsheets and plots properly formatted.
    - Titles on Tables, Plots
    - Axes labels with units on plots
    - Spreadsheets organized and annotated
- Results (2 points)
- Questions (3 points)