CHEM 212, Lab 3: grading rubric

____/40 pts total

____/10 pts *Procedure and Measurements (prelab)*

10- data tables neat & complete; complete procedure; good lab technique.
Can perform lab entirely from lab notebook.
7- lacking one of the three criteria listed above.
4- lacking two of the three criteria listed above.

____/10 pts *Accuracy- Based on the accuracy and precision*

____/20 pts write-ups

____ /2 Purpose

____ /5 Results- Showcase your processed data- describe what you found

7- clear, appropriate calcs compiled in tables; concise description of findings
5- small issues with calculations, presentation, or description
1- substantial issues with calculations, presentation, or description

____ /5 Questions/Discussion- What do your results mean?

8- clear, concise, thoughtful responses to questions or discussion of results
5- small issues with responses to questions or discussion of results
1- substantial issues with responses to questions or discussion of results

____ /3 Conclusions- Sum it up

3- clearly enumerated conclusions follow from discussion
1- unfocused, unclear, or conclusions do not follow from previous text

____ /5 Report Details

2- Sx calculations
2- error propagated through to final concentrations
1- error bars on graph