Format of Laboratory Report

Basic Information
- Title of the experiment and module code
- Student name and matriculation number
- Partner name(s)
- Laboratory group
- Date of the experiment

Introduction: ONLY a few short paragraphs
- Purpose of the experiment
- Brief discussion on relevant theory involved in the experiment
- Brief summary of experimental methodologies – This is NOT the whole part of experimental procedures available in the laboratory manual!

Data and Calculation
- Data sheet attached with laboratory report (units for each physical quantities measured have to be recorded)
- Perform data analysis and/or draw graph as needed (questions on Data Analysis in laboratory manual are only a guide)
- Sample calculation for each type of calculation
  - Include the formula used, then put sample numbers into the formula and show the calculation
  - Include units in sample; convert units as needed

Conclusion and Discussion
- Summarize results – focusing on the stated purpose of the experiment
- Discuss the consistency of your results with previous or accepted results, or with theory
- Discuss the significance of your result
- Suggest improvements to the experiment, particularly to reduce sources of error
- Answer any question in the laboratory manual

Each section above will be assigned points for a total of 100 points for respective experiment. The number of points per section may change from experiment to experiment.