**Laboratory Report Rubric**

**Experiment Simple Pendulum**

 *No example…………… …… Example given*

1. Format

Cover sheet complete: 0 0 0 0 0 5

2. Readings, introduction & apparatus 0 1 2 3 4 5

3. Procedure including diagram 0 1 2 3 4 5

4. Measurements & Data (with units)

1. T vs θ excel table 0 1 2 3 4 5
2. T vs L excel table( with g) 0 1 2 3 4 5

5. Results and Analysis

1) Calculation of g values from

 T vs L table 0 1 2 3 4 5

2) Average value for g 0 1 2 3 4 5

 3) Percentage difference between

 the calculated and standard g

 values. 0 1 2 3 4 5

4) a) ΔL calculation 0 1 2 3 4 5

 b) ΔT calculation 0 1 2 3 4 5

5) g calculation 0 2 4 6 8 10

6) Comments on 3 and 5 0 1 2 3 4 5

7) Plot T vs. L 0 1 2 3 4 5

8) Plot T vs. θ 0 1 2 3 4 5

9) Answer for the question with

 a free body diagram 0 2 4 6 8 10

6. Conclusion

Discussion of the results 0 1 2 3 4 5

7. Grammar 0 1 2 3 4 5

8. Extra Effort: 0 1 2 3 4 5

Total for this report: \_\_\_\_\_\_\_