**Laboratory Report Rubric**

**Experiment 04 Impulse and Collisions**

*No example…………… …… Example given*

1. Format

Cover sheet complete: 0 0 0 0 0 5

2. Readings, introduction, apparatus

& methods including diagram 0 2 4 6 8 10

3. Measurements & Data

1. The length of the flag

2. Mass of the glider

3. Elapsed time: forward motion

& backward motion 0 2 4 6 8 10

4. Initial velocity of the glider

5. Final velocity of the glider

5. Results and Analysis

Answer for question #1 0 1 2 3 4 5

Answer for question #2 0 1 2 3 4 5

F(t) Vs T graph with info displayed 0 2 4 6 8 10

Answer for question #2 (a) 0 1 2 3 4 5

Value for J (question #3) 0 1 2 3 4 5

Units for J (question #4) 0 1 2 3 4 5

Value for Δ**p** 0 1 2 3 4 5

Units for Δ**p** 0 1 2 3 4 5

Answer for question Ш 0 1 2 3 4 5

Derivation of Δ**p** = **J** 0 1 2 3 4 5

Percentage difference between

|**J** | and |Δ**p**| 0 1 2 3 4 5

6. Conclusion

Brief summary of the experiment

& discussion of analysis 0 1 2 3 4 5

7. Grammar

Overall Voice: Passive Voice &

Past tense: 0 1 2 3 4 5

Spelling & Sentence structure :

8. Measurements for the large circular

steel spring or allocate these marks for

extra effort 0 1 2 3 4 5

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