Experiment 11: Conservation of Angular Momentum

Student Name: _____

Section Number: _____

PRELAB

PRE-LAB Instructions:

Print out this page. Feel free to refer to the lab Instructions and other materials, your physics textbook, other students, etc. to help you to ponder, understand, and work out answers to the following question(s). Show your work & answers in the space(s) provided.

PRE-LAB Questions

1) Explain why and how an object moving in a straight line has angular momentum.

2) Explain how you will use Data Studio to measure *angular velocity* and *linear acceleration* in this experiment.

3) What constitutes "the system" whose moment of intertia you will determine in this experiment? Explain.