SL Physics Midterm Format 2019

There will be 5 long problems, each with multiple parts worth a total of 63 points.

* three sections from mechanics topics
* two sections from waves.

There are 20 MC questions work 40 points total.

(A total of 103 points.)

You will be given a clean copy of the IB Data Booklet (reference table.)

The topics covered on the exam are **all the topics learned in marking periods 1 and 2.**

**Mechanics** – 1D motion, Vectors, 2D motion, Motion graphs and relationships (x,v,and a vs t), FBDs, Circular Motion, Gravity, Energy Work and Power, SHM spring force and energy, Momentum and Impulse.

**Waves, Sound and Light** – Properties, Reflection, Refraction, Open and Closed pipes, Polarization, and Diffraction.

**Measurement, errors and Uncertainty**

**Please bring the following to the test:**

* Number 2 pencils
* Blue or black pens
* Calculator
* Metric ruler and protractor !!!

**Optional items:**

* Water bottle with no labels

**DO NOT BRING YOUR PHONE OR OTHER ELECTRONIC EQUIPMENT TO THE TEST. These items must be stored in your locker.**