**LANJET CLUSTER JOINT MOCK EXAM**

**DECEMBER 2020**

**PHYSICS PP3**

**CONFIDENTIAL**

**QUESTION 1 (PART A).**

1. You are provided with the following:

* A watch glass.
* A small piece of plasticine.
* A marble.
* A stopwatch.
* Vernier calipers.
* An electronic balance (to be shared).

**QUESTION 1 (PART B).**

You are provided with the following:

🗸Triangular prism of 600.

Four optical pins

* A softboard
* A plain paper

**QUESTION 2.**

1. You are provided with the following apparatus.

* Two dry cells.
* Nichrome wire 100cm on a mm scale.
* An ammeter.
* Cell holder.
* Voltmeter.
* Connecting wires with crocodile clips.
* Switch.