# KIYALA HIGH SCHOOL

## MID-TERM ASSESSMENT TEST 2025 PHYSICS

**S.2** 

Time: 1 Hours: 30mins INSTRUCTIONS:

- The paper contains *three* items and two section **A** and **B**
- > Attempt *all the* items.

#### **Section A**

A student of Kiyala High School one day came to school late and in the gate, the security guard

#### Item 1

asked him what the time was and a student couldn't read the time. As a student who has studied physics, help this student to understand the following;

a) The meaning of the word time?

b) How to convert the following units of time to its S.I units (to seconds)?

i) 4 minutes

ii) 2 day

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	iii)	1 week
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### **Section B**

### Item 2

Students and parent of Kiyala High School experience the importance of friction in their daily life.

#### **Task**

Using the experiences, you have gained in your everyday life, help your parents to explain how friction is useful in their daily life.

#### Item 3

Opio a poultry farmer of Kanapa village rears chicken on commercial scale and has bought 1000 one day old chicks. However, his chicks are vulnerable to extreme temperatures.

#### Task

As a physics student;

- a) Suggest possible causes of extreme cold and hotness in the chicken house.
- **b**) Explain what Opio should do to regulate the temperatures in the chicken house

## **SUCCESS**