

# KIYALA HIGH SCHOOL

## END OF TERM ONE ASSESSMENT TEST - 2024

### PHYSICS

#### S.1

**1 Hours 30 minutes**

#### INSTRUCTIONS

- This paper consists of **three** examination items.
- Answer **all** the items set.
- All the items carry equal scores.

#### Item 1

Last year, two physics students of a certain school were invited for a seminar which was held in Soroti Secondary School. These two students were asked same questions and they were not able to answer.

#### **Task**

As a student of physics, help these two students to understand;

- a) The meaning of the term physics.
- b) The **five (5)** branches of physics.
- c) The differences between basic quality and derived quality and give **four (4)** examples for each of them.

#### Item 2

In certain hospitals, many people of different weights were requested to go and determine their weights before the doctors, proceed with treatment and a majority of them were an able to read and determine their weight.

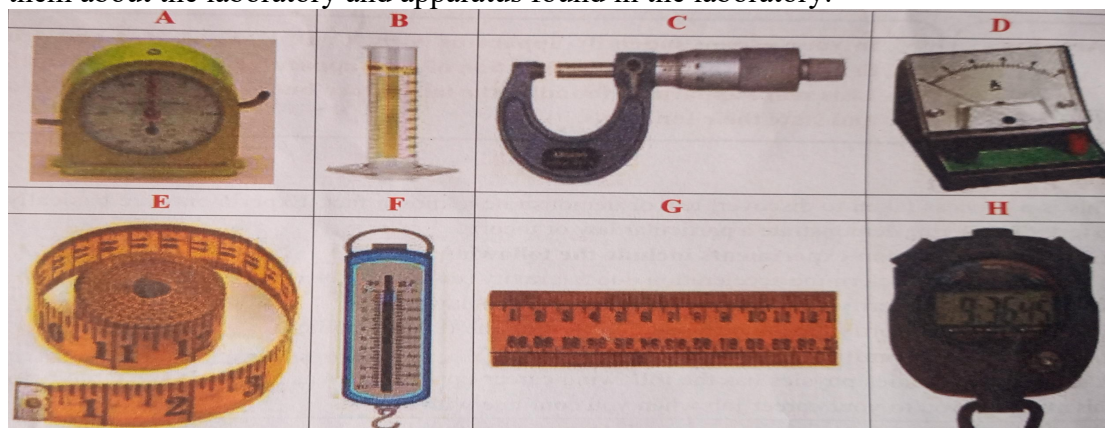
#### **Task**

As a physics student who has studied measurements, help these patients to understand;

- a) The term measurements.
- b) The **four (4)** differences between mass and weight.
- c) The **three (3)** examples of each of both scalar and vector qualities.

#### Item 3

During an inspection of your school b the ministry of education officials, you are required to take them around the school including the school laboratory and educate them about the laboratory and apparatus found in the laboratory.



***Task***

***a)*** As a student leader, prepare a speech to present to the ministry officials about the laboratory, include the three rules and regulations the officials should follow when entering the school laboratory.

***b)*** You are also required to present to the ministry officials some of apparatus found in the school laboratory. Use the above figures A, B, C, D, E, F, G and H to identify and explain the application of each four (4) of the apparatus you have identified.

**SUCCESS**