# Nyaraya Cluster Examination

**Kenya Certificate of Secondary Education**

**Form Four Mock Evaluation Programme**

**CONFIDENTIAL**

**Physics Practical**

**232/3**

**Paper 3**

**June 2023**

**INSTRUCTIONS TO SCHOOLS**

*The information in this paper is to enable the head of the school and the teacher in charge of Physics to make adequate preparations for the Physics practical examination. NO ONE ELSE should have access to this paper or acquire knowledge of its contents.*

*The teacher in charge of physics should NOT perform any of the experiments*

*Utmost care must be taken when handling the confidential.*

*Each candidate should be provided with the following:*

**Question One**

* + Concave mirror (*of focal length =10cm* )
  + Mirror holder labeled **M**
  + Metre rule
  + Candle *(when the candle is lit.it, the flame and the mirror mounted on the holder should be of the same height)*
  + White screen **S**

**Question Two**

* 100ml beaker
* A complete retort stand.
* Access to water.
* Stop watch.
* One 50ml burette with a tap
* Watch glass*( of diameter approximately 7.5cm)*
* Plane mirror *( of dimensions of atleast 5cm by 5cm )*
* Some plasticine
* Piece tissue paper
* Stop watch.
* A spring and with a pointer*(length about 7.5cm without pointer, diameter 1cm and spring constant between 5.0N/m to 10.0N/m.)*
* A 100g masses labeled **M**
* Metre rule
* Vernier caliper