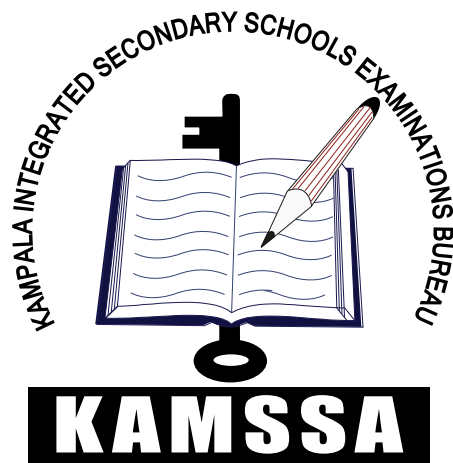


**535/3 Inst. Sch.**  
**PHYSICS**  
**PRACTICAL INSTRUCTIONS**  
**July - August 2024**



**KAMSSA JOINT MOCK EXAMINATIONS**

**Uganda Certificate of Education**

**PHYSICS PRACTICAL INSTRUCTIONS**

**535/3 Inst. Sch.**

**CONFIDENTIAL**

- *Great care should be taken that the information given below does not reach the candidates either directly or indirectly.*

**INSTRUCTIONS FOR PREPARING APPARATUS**

- *The candidates will be allowed to write out a detailed description of the apparatus.*
- *The teacher responsible for preparing the apparatus must give details (on the report form attached) about some of the items or apparatus he /she has supplied. The form should be signed by the invigilator, teacher responsible for preparing the apparatus and the Head teacher.*

*NB: The Head teacher must ensure that the teacher responsible for preparing the apparatus hands in his/ her trial results, properly sealed in a separate envelope and firmly fastened (attached) to the candidates' scripts envelope(s).*

In addition to the apparatus ordinarily contained in a physics laboratory, each candidate will require;

### **ITEM 1**

- 1 retort stand with a clamp
- 2 small pieces of wood
- 1 nullified helical spring
- 1 optical pin to act as pointer
- 1 piece of knitting thread about 20 cm
- 1 metre rule
- 5 slotted masses each of mass 100g
- 1 100g mass hanger

### **ITEM 2**

- 1 cell holder (size D)
- 1 cell holder
- 10 connecting wires each of length 50 cm
- 1 ammeter (0-1A)
- 1 voltmeter (0-3V)
- 1 switch labelled K
- 1 rheostat (0-20 $\Omega$  or 0-50 $\Omega$ )