

535/2 Inst.  
**PHYSICS**  
**PRACTICAL**  
**Instructions**  
**July / Aug 2024**



**KAMTEC EXAMINATIONS BOARD**  
**Uganda Certificate Of Education**  
**PHYSICS PRACTICAL INSTRUCTIONS**  
**535/2 Inst.**

**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 meter rule, labelled **R**

1 50g mass

1 100g mass

1 50cm piece of tread

1 knife edge

1 wooden block ( $8.0 \times 6.0 \times 20.0 \text{cm}^3$ )

1 retort stand with a clamp

**Item 2**

1 ammeter (0-1A)

1 voltmeter (0-3V)

1 double cell -holder

1 single cell -holder

1 110cm constantan wire

1 50cm connecting wires

1 meter rule

1 switch labelled **K**

2 fresh dry cells

2 crocodile clips

2 pieces of Sellotape



**Section II:**

The invigilator, in consultation with the teacher responsible for preparing the apparatus, should give details below of any difficulties experienced by particular candidates, giving their names and personal numbers. These should include reference to :

(a) difficulties due to faulty apparatus,

---

---

---

(b) accidents to apparatus or materials,

---

---

(c) physical handicaps of candidates

---

---

(d) Any other information.

---

---

Other cases of hardship e.g. illness, disability, should be reported directly to KAMTEC Examination Board in the normal way.

**A plan of work benches, giving details by personal numbers of the places occupied by the candidates for each shift, must be enclosed with the scripts.**

**DO NOT STAMP ANYWHERE ON THIS DOCUMENT.**

Invigilator's Name \_\_\_\_\_ Signature \_\_\_\_\_

Signature of the teacher responsible for preparing the apparatus \_\_\_\_\_

Signature of the head teacher \_\_\_\_\_

**END**