

P510/3

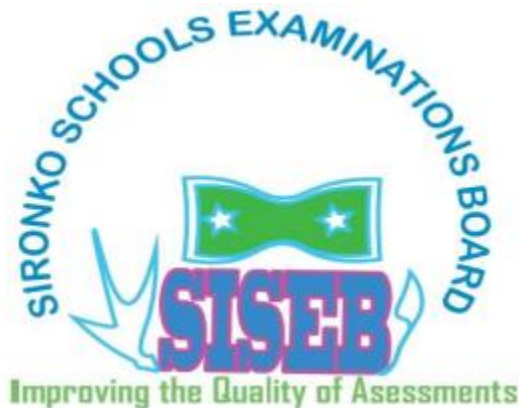
Inst.sc.

PHYSICS

PRACTICALS

INSTRUCTIONS

July/ Aug. 2024



Uganda Advanced Certificate of Education

PRCTICAL PHYSICS INSTRUCTIONS

(Paper P510/3)

CONFIDENTIAL:

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

INSTRUCTIONS FOR APPARATUS PREPARATION.

The teacher responsible for the apparatus must;

- i) Give details about the stems of apparatus supplied
- ii) Hand in his trial results, properly sealed in a separate envelope firmly attached or fastened to the candidates' script envelope(s)
- iii) The head teacher is requested to be the care taker of the above.

In addition to the apparatus ordinarily found in the labs, each candidate will require;

Question 1

1 retort stand with a clamp

1 pendulum bob
2 pieces of wood (4cm x 2cm x 1cm)
1 thread (130cm)
1 thread (30 cm)
1 meter rule
1 stop clock/ stop watch

Question 2

1 retort stand with a clamp
1 optical pin
1 plane mirror
1 convex lens of focal length 15cm
1 lens holder
1 Screen with a wire gauze
1 White screen
2 pairs of dry cells
1 Torch bulb
1 Bulb holder

Question three

1 ammeter (0-1 A)	1 pair of dry cells
1 meter bridge	1 meter rule
1 center zero galvanometer	
1 jockey	
1 rheostat (50 ohm) labelled P	
1 10 ohm resistor labelled R_s	
12 connecting wires	
1 switch labelled S	
1 nichrome bare wire (SWG 26) labelled X	
Piece of cello tape	
1 voltmeter	
1 5 ohm resistor	
2 crocodile clips	

This form must be completed and returned with the scripts.

UGANDS ADVANCED CERTIFICATE OF EDUCATION

July / August 2024

REPORT ON PHYSICS PRACTICAL P510/3

SECTION I

Any information which the teacher responsible for preparing the apparatus thinks may be useful to the examiners should be given on this sheet. The teacher must try all the questions and submit his/her results in the space provided below to guide the examiners about the apparatus used.

[NB: teachers who DO NOT submit their trial results will be held responsible for the candidates' performance]

Results:

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.

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 index numbers. These should include reference to:

- a) Difficulties due to faculty 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 the Examination committee in the normal way.

A plan of work benches, giving details by index numbers of the places occupied by the candidates for each experiment for each session, must be enclosed with the scripts.

Invigilator

Name.....Signature.....

Teacher responsible for preparing apparatus

Name.....Signature.....

Head teacher

Name.....Signature.....

Center Number.....

END

