**SC5123/A/X**
**WASSCE 2024**
**PHYSICS 3**
**Practical**
**INSTRUCTIONS**
*CONFIDENTIAL*

**A**

THE WEST AFRICAN EXAMINATIONS COUNCIL

**West African Senior School Certificate Examination**
**for School Candidates**

SC 2024 PHYSICS 3
PRACTICAL

**Instructions to Schools**

1. Great care should be taken to ensure that the information given in this leaflet does **not** reach the candidates **either** directly **or** indirectly before the examination.

2. In addition to the usual apparatus in a Physics laboratory, **each** candidate will require the following:

*General*

Mathematical table/calculator;
Geometrical instruments.

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*Question* **1**

Retort stand set-up;
Spiral Spring;
Mass hanger of mass **50** g.
Slotted masses ( **one** 50 g, **two** 20 g **one** 10 g);
Stop watch;
Meter rule.

*Question* **2**

Ray box;
Concave mirror of focal length **15** cm or **20** cm;
Screen;
Meter rule;

*Question* **3**

Cell of e.m.f 3 V or accumulator of e.m.f 2 V;
Resistance box ;
**Five** connecting wires;
Ammeter (0-3 A);
Voltmeter (0-3 V);
Key/switch.

3. The following announcement should be made to the candidates at the beginning of the examination:

'The Examiner does **not** want you to waste your time because you cannot proceed with an experiment. Any candidate, therefore, who cannot get on with the experiment after spending 15 minutes on it, may come to me and ask for help.'

4. The Physics Teacher should be allowed to give a hint to a candidate who is unable to proceed with the experiment.

5. The following regulations **must** be strictly adhered to.

(*a*) No hint should be announced to the candidates as a whole.

(*b*) A candidate who is unable to proceed and requires assistance must come up to you and state his or her difficulty. The candidate should be told that the Examiner will be informed of any assistance given in this way.

(*c*) A note must be made, on the Report Form, of any assistance given to any candidate, with the **name** and **index number** of the candidate.

6. Report Forms are provided separately, on which you are required to state the following:

(*a*) detailed information about the apparatus where necessary;

(*b*) any particular difficulties experienced by any candidate, especially if the Examiner would be unable to discover these from the scripts;

(*c*) any departure from the specified items which could not be avoided;

(*d*) any assistance given to the candidates under the regulations explained in **5** above.

**Turn over**

7. In cases where several sets of apparatus are provided for a question and specific information about the apparatus is required by the Examiner, **each** piece of apparatus about which the information is required, and which may differ slightly for different candidates, **must** be clearly marked with letters, **A**, **B**, **C**, etc. and the corresponding information **must** be clearly reported, showing which apparatus was supplied to which candidate. The candidates should be instructed to record these letters in their scripts.

8. A completed Report Form **must** be enclosed in **each** envelope of scripts.

***END***