

231/3
PHYSICS
PAPER 3
PRACTICALS

CONFIDENTIAL INSTRUCTIONS TO SCHOOLS

-The information contained in this paper is to enable the head of school and teacher in charge of physics to make adequate preparations for this year's physics mock practical examination. NO ONE ELSE should have access to this paper or acquire knowledge of its contents. Great care must be taken to ensure that the information herein does not reach the candidates either directly or indirectly.

-The physics teacher is NOT expected to perform the experiments

- The apparatus required by each candidate for the physics mock practical examination are set out on the next page. It is expected that the ordinary apparatus of a physics laboratory will be available.

- The physics teacher should note that it is his/her responsibility to ensure that each apparatus acquired, for this examination agrees with specifications on the next page.

The following apparatus are required for the successful performance of physics practicals examinations

QUESTION ONE

1. One metre rule
2. One complete stand (stand a boss and a clamp)
3. One stop watch
4. One spring (Helical Spring) diameter 1.5cm with pointer
5. Beam balance or electronic balance (to be shared)
6. One mass labeled M (Mass of 100g mass)

QUESTION TWO

1. Concave mirror of focal length 10cm
2. Candle
3. White screen
4. Metre rule
5. 10Ω resistor
6. A voltmeter (0-3V) or (0-5V)
7. An ammeter (0-1A)
8. A switch
9. One dry cell and cell holder
10. Six connecting wires