

**TRIAL ONE EVALUATION TEST 2019
CONFIDENTIAL-PHYSICS 232/3**

**231/3
PHYSICS
PAPER 3**

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.

Each candidate will require the following

QUESTION 1

- A lens of focal length 10cm
- Lens holder
- Candle
- Screen
- A screen with a hole having cross-wire
- Metre rule

QUESTION 2

- a metre rule;
- a retort stand, a boss and clamp;
- three pieces of thread;

- 200ml of a liquid in a 250ml beaker labelled W; (WATER)
- 200ml of a liquid in a 250ml beaker labelled L; (KEROSINE)
- Two masses labelled m_1 and m_2 . ($M_1 = 50\text{g}$ and $M_2 = 100\text{g}$)