

TERM 2 - 2023  
PHYSICS  
FORM THREE (3) – 232/3  
**CONFIDENTIAL**

**INSTRUCTION TO THE PHYSICS TEACHER:**

The physics teacher should plan with school management to ensure availability of the following apparatus for the learner to carry-out this practical examination.

**QUESTION ONE:**

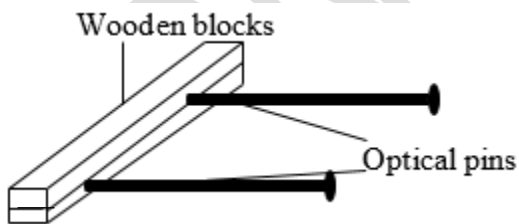
**Each candidate to be provided with the following apparatus:**

- One dry cell (size 'D')
  - A cell holder
  - A volt-meter (0-3V)
  - An ammeter (0-1A)
  - A switch
  - Amounted resistance 'nichrome' wire labelled AB (diameter of 0.28mm)
- Micrometer screw-gauge (may be shared)

**QUESTION TWO**

**Each candidate to be provided with the following apparatus:**

- a metre rule
- 3 optical pins
- 2 small wooden blocks (for holding the pins as shown in the figure 1 below)



***Figure 1***

- a stop watch
- a stand, a boss and clamp
- a piece of sellotape or masking tape (about 30 cm long)