

Term 2 - 2022
PHYSICS PAPER 3 (232/3)
CONFIDENTIAL
FORM FOUR
Time: 2½ Hours

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.

Each candidate is expected to be provided with the following apparatus:

QUESTION ONE

- A milli-ammeter
- A volt-meter (0-3V)
- A switch
- Two enameled copper rods (each 10 cm long and about 0.10mm thick)
- Eight connecting wires with at least 4 fitted with crocodile clips
- Glass stirrer
- A micrometer screw-gauge (may be shared)
- 50 ml plastic beaker (labelled A)
- 75 ml of distilled water (beaker labelled B)
- 8g of solid copper II sulphate (crystal) labelled solid X
- Measuring cylinder
- Thermometer

QUESTION TWO

- Complete retort-stand (clamp, boss and stand)
- Half metre-rule (wooden)
- Metre-rule (wooden)
- G-clamp (laboratory size clamp)
- Office pin (should be fixed at one end of the half metre-rule to act as a pointer on the scale)
- Four 100g masses (or its equivalent)
- Some celotape
- Vernier calipers (to be shared)
- String/thread (about 30 cm long)
- One 50g mass with a hook
- Knife-edge (at least 15 cm high)