

# SCHOOL BASED FORM 4 EXAM JULY-AUGUST 2017

Kenya Certificate of Secondary Education (K.C.S.E)

PHYSICS

Paper 3

July/August 2017

---

**CONFIDENTIAL**

## **Question 1**

- ✓ One jockey or crocodile clip
- ✓ Two new dry cells (size D)
- ✓ An ammeter 0 – 1A
- ✓ A voltmeter 0 – 5V
- ✓ A cell holder
- ✓ Switch, S
- ✓ Six connecting wires at least three crocodile clips at one end.
- ✓ A resistance wire mounted on a mm scale (SWG 28)

## **Question 1**

- ✓ Candle wax
- ✓ Source of heat
- ✓ Stop watch
- ✓ Boiling tube
- ✓ Thermometer
- ✓ Cork with a hole or cardboard with hole
- ✓ Water
- ✓ Trip stand
- ✓ Tube holder
- ✓ A candle
- ✓ Metre rule
- ✓ White screen
- ✓ Lens holder
- ✓ Convex lens of focal length 20cm
- ✓ Match box (To be shared)