

**PHYSICS PRACTICAL 232/3**  
**NYAHOKAKIRA CLUSTER 2**  
**CONFIDENTIAL JULY 2024.**

**QUESTION 1**

- ✓ Two new dry cells
- ✓ A cell holder
- ✓ A torch bulb
- ✓ A bulb holder (3.8V, 0.3A)
- ✓ A voltmeter (0-3v)
- ✓ An ammeter (0-1A)
- ✓ A switch
- ✓ 8 connecting wires, one with a jockey and some with crocodile clips
- ✓ A wire attached on a millimetre scale diameter (  $0.30 \pm 0.01$  )mm

**QUESTION 2**

- ✓ Equilateral glass prism (4cm x 4cm x 4cm)
- ✓ Four optical pins
- ✓ Plain paper
- ✓ Soft board
- ✓ Four office pins or 1 tuck pin
- ✓ Pendulum bob
- ✓ Cotton thread of about 150cm
- ✓ a stop-watch
- ✓ two metre rules
- ✓ two retort stands, two bosses and two clamps.