**PHYSICS PAPER 3**

**CONFIDENTIAL**

**1. REQUIREMENTS**

* Common salt solution in 250 beaker (prepare 10g in 1000 ml)
* 100g identical masses (2 per candidate)
* Thread (30cm per candidate)
* A knife edge
* Vernier caliper
* Meter rule

**2.a.**

* Nichrome wire mounted on a mm scale. (SWG 32)
* Voltmeter
* A switch
* 5 connecting wires (at least 3 with crocodile clips at one end)
* A jockey
* 2 new dry cells
* Cell holder (for 2 cells)

**b. A convex lens (focal length 20cm)**

* Lens holder
* White screen
* A meter rule
* Cross wire
* A match box (to be shared)