**ARISE AND SHINE TRIAL 1 EXAMINATION 2023**

**PHYSICS PAPER 3 CONFIDENTIAL**

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**PRACTICAL**

*Physics teachers to ensure the following apparatus are provide.*

**QUESTION ONE**

* An ammetre (range 0-1A)
* A resistance wire labelled R 28Gw or d = 0.36mm
* Two new dry cell (size D) and a cells holder
* Six connecting wires at least 3 with crocodile clips at the ends
* A switch
* A jockey
* A micrometer screw gauge (to be shared)
* A voltmeter (0-3V)

**QUESTION TWO**

**PART A**

* A metre rule
* Two identical 100g masses (labelled A and B)
* Liquid L in 250ml beaker, ¾ full (water)
* Three pieces of thread, each 30cm long
* Stand with clamps
* Tissue paper
* Vernier calipers (to be shared)
* A glass beaker (500ml)
* Metal solid (pendulum bob of about 65g)
* Some water
* Source of Heat
* A piece of cotton thread (30cm)
* A plastic beaker wrapped with tissue paper on the outside
* Liquid L (water)