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**CONFIDENTIAL**

Each candidate is required to have the following

- A clean burette
- Retort stand
- Two clamps and two bosses
- A metre rule
- Water in a 250ml beaker
- 100ml beaker
- A stop watch
- Two 200g masses
- Two pieces of thread approximately 15cm each
- About 200ml of water in a 250ml beaker labeled L
- A knife edge
- A vernier calipers

**Each candidate will require the following**

- One metre rule
- 100cm of Nichrome wire (S.W.G.28) free of kinks
- One retort stand, boss and clamp
- A stop watch
- An overflow (Eureka) can
- One 100ml beaker
- One 50ml measuring cylinder
- A piece of cotton thread about 30cm long
- Water in a 250ml beaker
- Two pieces of wood approximately 5cmx3cm by 0.5cm
- A micrometer screw gauge (to be shared)
- One three hundred gram (300g) mass with a hook Labeled m

**Each candidate is required to have the following**

- Two dry cells (1.5V size D Eveready Red)
- An ammeter (0-1A)
- A voltmeter (0-5v)
- A cell holder
- Five connecting wires, two with crocodile clips
- A jockey
- A nichrome wire (SWG 28) mounted on a mm scale and labeled PQ