**BUURI EAST STANDARDS EXAMINATIONS – 2019**

**232/3**

**PHYSICS PAPER 3**

**CONFIDENTIAL**.

**QUESTIONS 1**

***Each candidate should have:***

* One voltmeter (0 - 5v)
* One Ammeter (0 – 2.5A)
* Two new dry cells.
* A cell holder.
* Nichrome wire (gauge 28) mounted 100cm scale.
* A micrometer screw gauge (to be shared)
* A switch.
* Six connecting wires (at least three with crocodile clips).

***QUESTION 2.***

***Each candidate should have the following apparatus:***

* A metre rule.
* Spring balance. (**10N)**
* A weight of **2N** with a hook or (**two 100g masses).**
* A stand & a clamp.
* Knife edge support (**20cm** high).
* Two light strings about **10cm** long.
* A candle.
* A lens holder.
* A Lens of focal length **20cm**.
* A screen.