**TRANSMARA EAST SUB-COUNTY 2015.CONFIDENTIAL**

**232/3**

**PHYSICS**

**PAPER 3**

**PRACTICALS**

**CONFIDENTIAL INSTRUCTIONS TO SCHOOLS**

***The teacher of physics is requested not to let the content of this paper reach the candidates either directly or indirectly. It is his/her responsibility to ensure that each candidate has the correct apparatus stated below for each question.***

**QUESTION ONE**

Each candidate will require the following;

* One dry cell
* Voltmeter
* Seven connecting wires (at least three with a crocodile clip on one end)
* A switch
* Standard resister of 100Ω
* Labelled **X**
* 1000Ω standard resistor labeled **Y**
* One metre Nichrome Wire (SW32 of 0.28mm diameter) mounted on a millimeter scale labeled **R**
* Jokey

**QUESTION 2.**

Each candidate will require the following;

* A 100ml glass beaker
* A 600ml glass beaker
* 250ml distilled water in a 250ml glass beaker.
* 2 thermometers range -100C-1100C
* Some distilled water in a wash bottle
* Plasticine 30g
* Vernier calipers (to be shared )
* Half metre rule
* Tripoid stand and wire gauze
* Tissue paper (to be shared )
* Burner
* Funnel