ASUMBI GIRLS HIGH SCHOOL

PRE-MOCK

MAY-JUNE

2022

**CONFIDENTIAL**

**232/3**

**Physics**

**Paper 3**

**(Practical)**

**Kenya Certificate of Secondary Education(KCSE)**

**QUESTION ONE**

* A biconvex lens of focal length 15cm
* A lens holder
* A metre rule
* A white screen
* A candle illuminating crosswires mounted on a circular hole
* A matchbox

**QUESTION TWO**

* A voltmeter (0-5V range)
* a 25V, 2200 µf capacitor (Terminals should be labeled for candidates)
* A switch
* Five connecting wires, two with crocodile clips
* Two new size D dry cells with a cell holder
* Some cotton thread – 1m long (1 piece), 0.5m long (2 pieces)
* Triangular prism(approximately 3.8 cm x 3.8 cm equilateral 60o,60o,60o)
* A metallic 50g mass
* Hot water (provide a pool of boiling water to be shared)
* Cold water (tap water)
* Plastic Beaker (at least 250 ml)
* Thermometer -10oC to 110oC
* A stopwatch
* A metre rule
* A stand, boss and clamp