

KCSE TOP PREDICTION MASTER CYCLE 7

Each student will require;

Question one

1. Boiling tube approx. 15.0cm tall and diameter 2.4 ± 0.5 cm
2. Some dry sand
3. Half meter rule
4. Vernier calipers (to be shared)
5. Weighing balance (At least one per room)
6. A piece of tissue paper.
7. A glass beaker (at least 600ml almost full of liquid L and labeled L)
(Liquid L is brine prepared with 1kg salt in 5 liters of water)
8. A plane mirror.
9. A rectangular glass block approximately 100mm×60mm×18mm.
10. A plain white paper.
11. Soft board.
12. Protractor (Student geometrical set)
13. A piece of plasticine.
14. Four optical pins
15. A lit candle
16. A biconvex lens of $f = 15$ cm
17. A lens holder
18. A meter rule
19. A white screen.

Question Two

1. Ammeter (0-1A)
2. Voltmeter (0-5V)
3. Two new size D cells.
4. A cell holder.
5. A resistance wire fixed on a millimeter scale (SWG 31)
6. A switch.
7. Six connecting wire with crocodile clips.