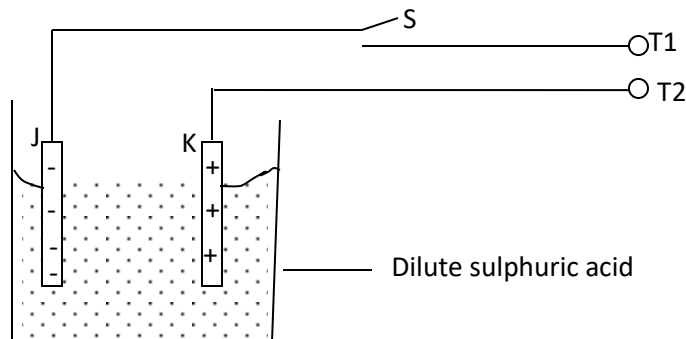


MAKUENI BOY'S HIGH SCHOOL
DECEMBER HOLIDAY ASSIGNMENT 2019
PHYSICS FORM ONE

1. What is a primary cell?
2. The set up below becomes a secondary cell when a 2V battery is connected to T1 and T2 for sometimes after the switch S is closed .



- i) Name the material that could be used as electrodes J and K
 - ii) How would you tell that the cell is fully charged?
 - iii) What would the emf of such a cell be when fully charged?
3. What is polarization?
 4. How is this defect corrected in
 - a) A simple cell
 - b) A dry cell
 5. You are provided with a bulb, a dry cell an ammeter, a voltmeter, a switch and connecting wires. Draw a diagram of a circuit using all these components so that the ammeter measures current through the bulb and the voltmeter measures the p.d across the bulb
 6. Two identical bulbs x and y are connected to a battery as shown. Comment on the brightness of a compared to B giving a reason when
 - a) Switch S is open
 - b) Switch S is closed

