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**MINISTRY OF EDUCATION, SCIENCE, VOCATIONAL TRAINING & EARLY CHILDHOOD EDUCATION**

**CHAMA BOARDING SECONDARY SCHOOL VERSUS CHAMA DAY SECONDARY SCHOOL**

**MUCHINGA PROVINCE**

**JUNIOR PHYSICS JETS QUIZ**

**DATE GIVEN: Thursday, 20 March 2014**

**TIME ALLOCATION: 30 sec / Question Unless Specified In the Respective Question**

1. Mention the metal, which mainly used in clinical and laboratory thermometers.

**Answer: Mercury.**

1. Give the polarity of a dry cell.

**Answer: Positive and negative**

1. What is a solenoid?

**Answer: A coil of insulated wire wound around an iron core.**

1. What will happen to the body temperature of a bird, which is moved from a room where the temperature is 25℃ to one where the temperature is 30℃?

***Answer: It will remain the same.***

1. What do we call the flow of heat from a high temperature to a low temperature?

***Answer: Heat transfer.***

1. What is the advantage of water over wind as a source of energy*?*

***Answer: Water can be stored but wind cannot be stored.***

1. Apart from sound effect, what other effect of current electricity is demonstrated in the working of an electric bell?

***Answer: Magnetic effect.***