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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 CHEMISTRY JETS QUIZ**

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

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

1. One attempt only: Which one is more reactive calcium or magnesium?

**Answer: Calcium**

1. What is the other name for chemical effect of electricity?

**Answer: Electrolytic Effect**

1. An alloy is a uniform mixture of one metal with one or more other substances. Give the elements of Brass alloy.

**Answer: Copper and Zinc.**

1. What is the approximate composition of carbon dioxide in air?

**Answer: 0.03%**

1. Why is the percentage of inhaled and exhaled nitrogen always constant, 78%?

**Answer: Because it is inert or not reactive (unreactive).**

1. During the preparation of oxygen from potassium chlorate what is the name of the catalyst used?

**Answer: manganese (IV) Dioxide.**

1. What name is given to solid carbon dioxide?

**Answer: Dry Ice**