**Periodic Table Test – Topics in Chemistry**

Answer the following questions about the periodic table: (2 pt each)

1. Which group of elements consists of highly reactive, very soft metals?
2. What is the difference between a “group” and a “period” in the periodic table?
3. In what column of the periodic table will you find the halogens?
4. What is the family name of elements that consist almost entirely of unreactive gases?
5. What is the name of the elements that have some of the properties of metals and some of the properties of nonmetals?
6. If I wanted to build a bridge, what group of elements would I most likely wish to use?
7. What element is fairly unreactive unless energy is added?
8. Which part of the periodic table consists mostly of radioactive elements?
9. Why don’t elements in nitrogen’s family have properties that are similar to one another?
10. Name an element that might be good for use in water purification and explain why you might use it for this purpose.
11. Beryllium isn’t as reactive as potassium. Based on their locations on the periodic table, is this surprising to you? Explain why or why not. (5 pt)
12. What’s your favorite group on the periodic table? Explain your answer using specific information about it. (10 pt)