Final Exam Review Questions-2

1. Determie which of the following reactions is decomposition and which is synthesis synthesis:

compound=element+element

element+element=compound

2. Does ice water have a high or low viscosity?

3. Each substance on the left side of a chemical equation are called the \_\_\_\_\_\_\_\_\_\_\_.

4. Is the equation

NaNO3 + AgCl 🡪 4NaCl + 2AgNO3

a balance equation?

5. The number of each type of atom in a chemical formula is shown by what type of numbers?

6. A substance that speeds up a chemical reaction is known as a \_\_\_\_\_\_\_\_\_\_. And a substance that slows down a reaction is known as an \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7. What is the correct formula for Potassium oxide?

8. What determines an elements atomic number?

9. How many electrons must an outer energy level have for an atom to be considered stable?

10. If you crush an alka seltzer tablet into small pieces, which will in effect increase its surface area, will it increase the rate of solution of slow it down?

11. If an atom has 14 protons, 14 neutrons and 20 neutrons, what is its mass number? What type of atom is it?

12. Most cleaners and soaps have a slippery feel and are considered \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

13. Do the Noble gases readily form compounds?

14. What is the total number of atoms in the compound Mg(ClO3) 2?

15. H+ ions are produced by what type of substance?