QUIZ# 3

1. Electromagnetic waves do not require a physical medium to spread and further to progress. **TRUE**
2. ***Fill in the blank.*** Law of energy of **CONSERVATION**  states that energy is not created or destroyed.
3. ***Fill in the blank.*** Waves are caused by  **VIBRATIONS**  of charged particles.
4. ***Name each.*** The three states of matter are:  **SOLID, LIQUID, AND GAS**
5. Give me an example of a liquid:

**HERE ARE SOME EXAMPLES: WATER, SODA, COFFEE, MILK, ETC**

1. ***Select the correct answer.*** An ion is:
   1. Electrical charge
   2. Atoms with a charge **CORRECT ANSWER**
   3. Regular atoms
2. ***Fill in the blank.*** A cation is a  **POSITIVE**  charge ion. An anion is a  **NEGATIVE** charge ion.
3. ***Fill in the blank.*** Electronegativity is the ability of **ATOMS**  to attract each other.
4. ***Fill in the blank.*** Electronegativity increases from **LEFT**  to  **RIGHT**  on the periodic table.