**Bohr and Flame Test Review -Topics**

1. What do the terms “ground state” and “excited state” have to do with the process by which an atom gives off light when heated?
2. Sketch the Bohr atom and include any of the following that are found in it: electron, orbital, cathode ray, gold foil, line spectrum, nucleus, neutrons.
3. Explain the process by which a line spectrum is formed when an atom is heated.
4. What is spectroscopy and what is it good for?