

Name _____
Biology – Ms. Strang

Date _____
Study Guide for Quiz #1 (Quarter 1)

Period _____

You should be able to:

1. Define *biology*.
2. Provide the criteria used to establish whether something is a living organism.
3. Explain the ordered steps of the scientific method.
4. Explain why atoms are the smallest level of organization of life on this planet.
5. Define *atom*, explain its parts (subatomic particles inside) and draw a Bohr model of an atom when provided with a periodic table.
6. Define *covalent bond* and explain how atoms achieve stability.
7. Draw a Bohr model and a structural model of a molecule if given its chemical formula.
8. State the six elements commonly found in all living organisms.
9. Identify organic molecules from those that are not organic (*inorganic*).