Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Intro Bio Study Guide**

**Keywords:**

**Key Concepts:**

* 8 characteristics of life
* 4 biological molecules
  + Subunits, diagrams, examples
* Cell structures and their functions, diagrams
  + Be able to draw and label a cell – both plant and animal
* Protein synthesis:
  + Trace the pathway from DNA to a complete protein
* Mitosis and Meiosis:
  + Know the similarities, differences, results, phases and reasons for each
* Diffusion and Osmosis: similarities and differences
  + Tonicity: iso, hyper and hypo
* Eggcellent Experiment
* Scientific Method