**Living Environment Regents 9 Classification of Life Study Guide**

1. Organisms are grouped into a **five-kingdom**classification system based on their structure and evolutionary relationships.
2. Species is the most specific level of classification. It has the least number of organisms.
3. The study of classifying and identifying living things is called Taxonomy.
4. A **tool** that allows the user to determine the identity of items based on characteristic and traits dichotomous key.
5. Prokaryote cell type is a cell that lacks a nucleus.
6. Fungi is multicellular, heterotrophic and eukaryotic. Obtains food through absorption.
7. Animals are multicellular, heterotrophic and eukaryotic. Obtains food through photosynthesis.
8. Examples of fungi are mushrooms, yeast and mold.
9. Bacteria is not ALL harmful to humans. Some bacteria is beneficial.
10. Binomial nomenclature follows 4 rules: must be in Latin, must be underlined or in italics, first word must be capital and the second word is lowercase.
11. An amoeba obtains food through ingestion with pseudopods.
12. Follow a dichotomous key by 2 steps and always start at “1”.
13. Protista Organisms: Paramecium, Amoeba and Euglena.
14. Euglena has flagella to move.