Biology Chapter 1 study guide. Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Per\_\_\_\_\_\_

* **Most organisms are composed of many cells therefore they are?**
* **Organisms must Maintain very stable internal conditions what is this called?**
* **From the question above what would be an example?**
* **What is ecology?**
* **Cells----🡪\_\_\_\_\_\_\_\_\_\_\_\_\_-----------🡪organs--------🡪\_\_\_\_\_\_\_\_\_\_\_\_\_--🡪\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **What is biology?**
* **What is asexual reproduction?**
* **Genetic Information in all cells is called?**
* **Zygote contains hereditary information from whom?**
* What is evolution?
* **ALL energy comes from the?**
* **cell division and cell enlargement is called?**
* **What is the first step of the scientific method?**
* It may be formed after many related hypotheses have been tested and supported with experimental evidence what is this called?
* What do you call an Increase in apparent size when using a microscope?
* What does TEM stand for?
* What is metabolism?
* **The process by which some organisms capture the energy from the sun is called?**
* **What is the driving force in evolution?**
* **Genetic information from single parent is the result of what type of reproduction?**
* **When did Life arise on earth?**
* **All cells are surrounded by what?**
* **Another name for body cells are called?**
* Union of egg and sperm (fertilization) forms a ?
* **Natural selection is the driving force for?**
* What is an autotroph?
* What is a carnivore?
* **What do you call Specific cell structures that carry out particular functions?**
* **The process by which an adult organism arise is called development**
* Is it essential for individuals of a species to reproduce?
* What is the third step of the scientific method?
* What is quantitative data?
* The ability to show details clearly in a microscope is called?
* How do you determine the magnification on a microscope?
* **Favorable characteristics are that selected for and passed on to offspring**

**Are Called?**

* What is a chemotroph?
* **Living things are highly organized** and **Require a constant supply of?**
* **The basic unit of life is called?**
* **Cell division is the formation of two cells from a?**
* What do omnivores eat to get their energy?
* **The Sum of all chemical processes is called?**
* Forming a hypothesis is what step in the scientific method?
* What are all living things composed of?
* **Organisms that must take in food to meet their energy needs are called ?**
* **A Zygote contains hereditary information from?**