**CELLabration Time! – Study Guide #1**

**Test is on Thursday, March 2**

Vocabulary: This is a comprehensive list of vocabulary you may see on the test. It is recommended you use this list to develop your 10 vocabulary words. **These are due on 2/18.**

amoeba paramecium euglena volvox pseudopod oral grove food vacuole endoplasma ectoplasm eye spot chloroplast light microscope ocular lense objective lens stage adjustment knob diaphragm unicellular multicellular growth development homeostasis stimulus heterotroph autotroph Protist flagellum cilia

prokaryotic eukaryotic microorganisms mircobes cell membrane nucleus cytoplasm

Review Questions: On a separate sheet of paper, answer the following questions. At the top of your page be sure to write your name and the period. These must be answered in complete sentences to receive extra credit. You do not have to copy the question, but when you write your sentence it should restate the question in some way. I will assign credit based on effort. If you complete this review sheet, you should be successful on the exam.

1. What term is used to classify how a volvox obtains food?
2. What does the term multicellular mean?
3. How does a prokaryote differ from a eukaryote?
4. Who discovered microorganisms?
5. On which end of the euglena is the flagellum located?
6. Which kingdom do the four protists that we studied belong to?
7. Describe what a volvox looks like.
8. What are cilia?
9. What are flagella?
10. Describe the shape of an amoeba.
11. How does euglena move?
12. How does a paramecium move?
13. Which of the following organisms are autotrophs: amoeba, euglena, paramecium, and volvox?
14. Which of the following organisms are heterotrophs: amoeba, euglena, paramecium, and volvox?
15. How does an amoeba move?
16. Which characteristic do euglena and volvox share?
17. List the six characteristics of life. Provide a brief description and an example of each.
18. Why is important to always lower the stage before changing the objective on a microscope?
19. Why do we use microscopes?