**General Biology II Lab**

**Exercise 1 – Bacteria Name:**

**Before you leave the lab:**

* Look at the slide representing the 3 characteristic shapes of bacteria. Slide # \_\_\_\_\_\_\_\_
	+ If you are rusty with the microscope, please refer to the microscope tutorial at the end of this lab manual.
	+ How do we calculate magnification? – ocular lens x objective lens

 Magnification \_\_\_\_\_\_\_x

 Notice if the bacteria are purple or red

1. What are the 3 main shapes of bacteria? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What does it mean to be Gram positive? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Look at slides representing *Anabaena* and *Oscillatoria*. Slide # \_\_\_\_\_\_ and \_\_\_\_\_\_

 Magnification \_\_\_\_\_\_x

 Magnification \_\_\_\_\_\_x

1. What are cyanobacteria? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Did you observe the petri dish of bacteria on the lab bench? \_\_\_\_\_\_\_\_\_\_\_