**Orientation to Lab and Lab Unit 1 - Assignment Handout**

**Pre-Lab: Follow the guidelines and steps for the activities as listed on the Lab Website and insert your work below. Note: all page numbers refer to your lab manual.**

**Orientation to Lab:**

1. Read lab manual materials and Insert a picture of your filled out and signed Safety Statement (p. ix) below:

**Basic Microscopy:**

1. Briefly describe some important aspects of the care and use of microscopes:
2. When you are done using the **Virtual Microscope**, click on the “Test” button to take a quiz in each category: Care and Usage, Calculating Magnification, and Terminology. Take a screenshot of each quiz you complete once you get 100% (you can retake each quiz as many times as you need).

Insert Care and Usage Quiz at 100% completion screenshot:

Calculating Magnification Quiz at 100% completion screenshot:

Terminology Quiz at 100% completion screenshot:

1. **Table 1-1**. Determining Total Magnification. Read the directions for Activity 2 on page 3 in your lab manual before filling out the following table. Fill in the table below or insert a picture of your filled out table from your lab manual:

|  |  |  |
| --- | --- | --- |
| **Objective Lens** | **Ocular Lens** | **Total Magnification** |
| 4X | 10X |  |
| 10X | 10X |  |
| 40X | 10X |  |
| 100X | 10X |  |