

Name: _____ Instructor: _____ Date: _____



Gen. Bio 2 Lab #6: Tissues

Pre-Lab Reading: Pages 821-833 & Table 39-1 will be VERY helpful to you for this lab.

Pre-Lab Web help:

<http://academic.evergreen.edu/curricular/anatomyphysiology/histology/sld003.htm>

<http://www.siumed.edu/~dking2/intro/4basic.htm>

Pre-Lab Vocabulary: See Pre-Lab activity

Pre-Lab Activity: Fill in the information in the chart below over the **4 primary types of tissues which are boldface and larger font in the tables on pages 2-5: Epithelial, Connective, Muscle, and Nervous.** You may work ahead on the other specific tissue types, however please *do not begin your drawings* until you get to class.

*****A friendly reminder from your lab instructors...it is extremely important that you do your observational drawings based on what you see under the microscope, not what you see on your lab partner's paper. You may work together as a group, but you need to look at each specimen/slide **with your own eyes, and do your own drawings.****

Tissue	General Function	Where Found	Key Characteristics	Drawing
Epithelial				Tissue Type No drawing
1. Simple squamous (make your own – cheek cells)				
2. Simple cuboidal				
3. Simple columnar				
4. Stratified squamous (Human Skin)				
5. Pseudostratified Columnar (also has cartilage and sm. muscle on slide)				

Tissue	General Function	Where Found	Key Characteristics	Drawing
Connective				Tissue Type No drawing
6. Areolar				
7. Hyaline cartilage				
8. Blood				

Tissue	General Function	Where Found	Key Characteristics	Drawing
9. Bone				
Muscle				Tissue Type No drawing
10. Skeletal				
11. Cardiac				

Tissue	General Function	Where Found	Key Characteristics	Drawing
12. Smooth				
Nervous				Tissue Type No drawing
13. Neuron				
14. Cat spinal cord				