Questions to answer about TISSUES – Ch 5

1. What makes a tissue different than a group of cells?
2. What are the **general** functions of:
3. Epithelial tissues?
4. Connective tissues?
5. Muscular tissues?
6. Nervous tissues?
7. When looking at a slide under the microscope, how do you distinguish the epithelial tissue from the connective tissue? Why is there connective tissue next to epithelial tissue?
8. Some epithelial cells have cilia on their free surface. What are some functions of these structures?
9. Some epithelial cells have **Goblet cells**. What do they do/why are they necessary?
10. Why do **pseudostratified columnar** cells appear to be 2 layers when they are only one?
11. Up to 90% of cancers are thought to be **carcinomas.** What is theirconnection toepithelial cells?
12. Why is it convenient for your bladder to be made of transitional epithelium?
13. Glands are made of epithelial tissue. Distinguish between exocrine glands and endocrine glands How are exocrine glands further categorized?
14. For connective tissues, list what the following cells do:
15. fibroblast- and tell what each fiber type is and what its purpose is
16. macrophages
17. mast cells