

Study Guide for Module 2

1. Define the following terms:

- Exocrine glands
- Endocrine glands
- Merocrine glands
- Apocrine glands
- Holocrine glands
- Extracellular matrix
- Fibroblasts
- Chondrocytes
- Stromal cells
- Parenchymal cells
- Labile cells
- Stable cells
- Permanent cells

2. What are the four basic types of tissue?

3. What two factors determine the distance from the free surface to the basal surface in epithelial tissue?

4. What is the basement membrane?

5. Is the basement membrane vascular or avascular? How do the epithelial cells get oxygen and nutrients?

6. List each type of epithelial tissue and give the tissue's main function and at least one place it could be found on the body.

7. What kind of exocrine gland has no cytoplasm in its secretion?

8. What are the four types of connective tissue?

9. What protein is found in all connective tissue proper?
10. List four types of connective tissue proper and give its function and one place in the body where it is found.
11. Why do chondrocytes need a lacuna?
12. List three types of cartilage and give its function and one place in the body where it is found.
13. Where in general will you find serous membranes?
14. Where are synovial membranes?
15. Where are mucous membranes?