Tissues : Study Guide Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: Answer ALL of the questions accurately and completely ( excluding any \*\*material ) for applied test credit.

1. What is a tissue? List the 4 types of tissue found in the human body.

2. List 5 characteristics of EPITHELIAL tissue.

3. List 4 functions of epithelial tissue.

4. Name the three types of intercellular junctions.

5. What is the classification scheme for epithelial tissue?

6. For each epithelial tissue sketch and describe, list 1-2 locations and describe a function.

a) simple squamous vs stratified squamous

b) simple cuboidal vs stratified cuboidal

c) simple columnar vs stratified columnar

d) pseudostratified columnar

e) transitional

f) glandular

7. List the 3 classifications of CONNECTIVE tissue along with examples of each.

8. List and describe the 3 components of connective tissue.

9. For each of the following C.T. sketch and describe, list 1-2 locations and describe a function.

a) loose

b) adipose

c) dense

d) blood

e) lymph

f) cartilage

g) bone

10. List the 4 types of membranes and where they are located.

11. List the three types of muscle tissues and three characteristics of each.

12. What are the two cell types of nervous tissue and where are they found?

13. What is inflammation and what causes it?

14. Describe the inflammatory pathway.