

## Homework Assignment

### Chapter 5 Histology

#### Introduction to Histology V1 (14 min)

1. What is histology?
2. Draw the content map for histology with labels.
3. What is tissue? 4. What are the four tissue types?
5. What is the structure of epithelial tissue?
6. What are the three type of muscles? Significance of each type?
7. What are the functions of nervous tissue?
8. What are the two cells types found in nervous tissue? Function of each?
9. How is connective tissue described?
10. What is more important about connective tissue? Cells or extra-cellular stuff? What defines the type of connective tissue?
11. What makes up the extracellular matrix?
12. What is the one word to describe connective tissue function?
13. What are the four type of connective tissues?
14. What defines connective tissue proper?
15. What is cartilage tissue?
16. What are the three types of cartilage tissue?
17. What type of tissue is bone?
18. What are bone features?
19. What are the two types of bone tissue?
20. What type of tissue is blood?

#### Introduction of Histology V2 (7 min)

1. What two muscle tissues are striated?
2. What structures are found at the ends of cardiac cells?
3. What is the function of the basement membrane?
4. How may epithelial cells be arranged on the basement membrane?
5. What are the two type of cells in nervous tissue? Which cell type is more numerous?
6. How may you define connective tissue types?

#### Intracellular Junctions (6:41 min)

1. What is the main extracellular fiber in the extracellular matrix?
2. What is the location and function of the integrins?
3. What are the three junctions illustrated in this video? Functions of each?