

Unit 4 – Tissues

Study Guide

1. Four types
 - a. Epithelial
 - b. Connective
 - c. Muscular
 - d. Nervous
2. Histology definition
3. Epithelial
 - a. Classification
 - i. Shape
 - ii. Number of layers
 - iii. Surface specializations
 - iv. Glandular
 1. Endocrine
 2. Exocrine
 - v. Transitional
 - b. Functions
 - c. Examples
4. Connective
 - a. Classification
 - i. Proper
 1. Adipose
 2. Loose
 3. Dense regular
 4. Dense irregular
 - ii. Specialized
 1. Bone
 2. Cartilage
 3. Blood
 - b. Membranes
 - i. Mucus
 - ii. Serus
 - iii. Cutaneous
 - iv. Synovial
 - c. Examples
5. Muscle
 - a. Classification
 - i. Skeletal

- ii. Cardiac
 - iii. Smooth
 - b. Function
 - c. Voluntary vs. involuntary control
 - d. Examples
- 6. Nervous
 - a. Classification
 - i. Neurons
 - 1. Axion
 - 2. Dendrites
 - ii. Neuroglia
 - b. Function
 - c. Examples