**Tissues (Histology)**

**Chapter 5**

1. **General Concept of Tissues**
2. **Tissue Types**
3. **Epithelial Tissue**
4. **General**
5. **Functions**
   1. **Protection**
   2. **Secretion**
   3. **Excretion**
   4. **Absorption**
   5. **Filtration**
   6. **Sensation**
6. **Classifications**
   1. **Cell shape (squamous, cuboidal, columnar)**
   2. **Arrangements (simple, stratified)**
   3. **Exceptions (pseudostratified, transitional)**
7. **Connective Tissue**
8. **General**
9. **Functions**
   1. **binding of organs**
   2. **support**
   3. **physical protection**
   4. **immune protection**
   5. **movement**
   6. **storage**
   7. **heat production**
   8. **transport**
10. **Classifications**
    1. **Fibrous Connective Tissue**
       1. **Components of fibrous connective tissue**
       2. **Types of fibrous connective tissue**

**areolar**

**reticular**

**dense regular**

**dense irregular**

* 1. **Adipose**
  2. **Cartilage**
     1. **hyaline cartilage**
     2. **elastic cartilage**
     3. **fibrocartilage**
  3. **Bone**
  4. **Blood**

1. **Nervous Tissue**
2. **Muscular Tissue**
3. **Glands**
   1. **Endocrine**
   2. **Exocrine**
      1. **Structure**
4. **Membranes**
   1. **Cutaneous**
   2. **Mucous**
   3. **Serous**