Chapter 5 Introduction

Name

**SC.912.L.14.11** Classify and state the defining characteristics of epithelial tissue, connective tissue, muscle tissue, and nervous tissue.

**Directions:** Read through Chapter 5 in the textbook to answer the questions.

**\*\*Answer all questions on a separate sheet of paper!\*\***

**\*\*Any answers written on this sheet will not be graded!!\*\***

**5.1 Introduction**

1. What are tissues?

2. List the major tissue types and their functions.

**5.2 Epithelial Tissues**

1. List the 4 functions of epithelial tissue.

2. What is the structure of simple squamous epithelium?

3. Where is simple cuboidal epithelium found?

4. What is the function of simple cuboidal epithelium?

5. Describe the structure of stratified squamous epithelium.

6. Describe glandular epithelium.

**5.3 Connective Tissues**

1. What are the structures and functions of connective tissue?

2. What is the difference between a ligament and a tendon?

3. Where is adipose tissue found and what is it’s function?

4. What are the characteristics of bone?

5. Bone injuries heal relatively rapidly, why is this true?

**5.4 Muscle Tissues**

1. What are the characteristics of muscle tissues?

2. Where is the location of:

a. skeletal muscle?

b. cardiac muscle?

c. smooth muscle?

**5.5 Nervous Tissues**

1. What is the basic cell of nerve tissue?

2. What is the function of neuroglial cells in nerve tissue?

3. What is the function of nerve tissue?