

Week 7, Part 1: Muscular System

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Chapter 7: Introduction & Sections 7.1-7.4

1. List the five primary functions of skeletal muscle:
 - a. move the skeleton
 - b. maintain posture and body position
 - c. support soft tissues
 - d. guard entrances and exits
 - e. maintain body temperature
2. What two types of tissue make up a skeletal muscle?
connective tissue nervous tissue
3. What are skeletal muscle cells called? myocytes
4. What is the name of the connective tissue that:
 - a. Covers the whole muscle? epimysium
 - b. Divides the muscle into compartments? perimysium
 - c. Surrounds each skeletal muscle cell? endomysium
5. Which structure attaches skeletal muscles to bones? tendons
6. Match the following three terms with their definitions:

a. Sarcolemma	<u>b</u>	endoplasmic reticulum in muscle cell
b. Sarcoplasmic reticulum	<u>a</u>	plasma membrane of muscle cell
d. T-tubules	<u>e</u>	cytoplasm of a muscle cell
e. Sarcoplasm	<u>c</u>	passageway into the muscle cell
7. Which ion is stored in the sarcoplasmic reticulum? calcium

Muscular System Review Packet Answer Key

Xiaolong Qi



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