

SECTION 45-1 REVIEW

THE HUMAN BODY PLAN

VOCABULARY REVIEW Describe the functions of the tissues listed below.

1. nervous tissue _____

2. muscular tissue _____

3. skeletal muscle _____

4. epithelial tissue _____

5. connective tissue _____

MULTIPLE CHOICE Write the correct letter in the blank.

- _____ 1. Nervous tissue contains specialized cells called
a. transmitters. b. messenger cells. c. neurons. d. cardiac cells.
- _____ 2. Tissue that binds, supports, and protects structures is called
a. connective tissue. c. skeletal tissue.
b. muscle tissue. d. epithelial tissue.
- _____ 3. Organ systems consist of
a. tissues. b. cells. c. organs. d. All of the above
- _____ 4. The body cavity that contains the heart, esophagus, and organs of the respiratory system is the
a. cranial cavity. c. abdominal cavity.
b. spinal cavity. d. thoracic cavity.
- _____ 5. Which organ system includes the kidneys, ureters, bladder, urethra, lungs, and skin?
a. integumentary system c. excretory system
b. digestive system d. endocrine system

SHORT ANSWER Answer the questions in the space provided.

1. List three types of muscle tissue. _____

2. Describe how body tissues, organs, and organ systems are related. _____

3. Describe the composition of connective tissue. _____

4. Describe two functions of nervous tissue. _____

5. **Critical Thinking** Can an organ be part of more than one organ system? Explain your answer.

STRUCTURES AND FUNCTIONS Use the figure below to answer the following questions.

1. Label each part of the figure in the spaces provided.
2. Which of the labeled body cavities contain the central nervous system? _____

3. What is the function of the body cavities? _____

