

Name: _____

Date: _____

Skeletal System Science Worksheet

TOPIC: THE SKELETAL SYSTEM

Instructions: Choose the best answer for each question.

1. What is the primary function of the skeletal system?

- A) To circulate blood throughout the body
- B) To protect organs, support the body, and enable movement
- C) To produce hormones
- D) To digest food

2. What is the hard, outer layer of bones called?

- A) Spongy bone
- B) Cartilage
- C) Bone marrow
- D) Compact bone

3. What type of tissue connects bones to muscles, allowing movement?

- A) Tendons
- B) Ligaments
- C) Cartilage
- D) Marrow

4. How many bones are in the adult human body?

- A) 106
- B) 206
- C) 306
- D) 406

5. What is the name of the bone that protects the brain?

- A) Sternum
- B) Vertebrae
- C) Skull
- D) Pelvis

6. Which of the following is a function of bone marrow?

- A) Producing blood cells
- B) Protecting the spinal cord
- C) Storing calcium
- D) Supporting the joints

7. What is the longest bone in the human body?

- A) Humerus
- B) Femur
- C) Tibia
- D) Radius

8. What type of joint is found in the shoulder and hip, allowing a wide range of movement?

- A) Hinge joint
- B) Ball and socket joint
- C) Pivot joint
- D) Saddle joint

9. Which part of the skeletal system is responsible for protecting the heart and lungs?

- A) Pelvis
- B) Spine
- C) Rib cage
- D) Skull

10. What is the name of the tissue that cushions the ends of bones at joints and prevents them from rubbing together?

- A) Ligament
 - B) Tendon
 - C) Cartilage
 - D) Marrow
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Answer Key:

1. B
2. D
3. A
4. B
5. C
6. A
7. B
8. B
9. C
10. C