

## Skeletal System Flashcards PDF

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What is the main function of the skeletal system?

The main function of the skeletal system is to provide support and structure to the body, protect internal organs, and facilitate movement.

How many bones are in the adult human body?

There are 206 bones in the adult human body.

What are the two main types of bone tissue?

The two main types of bone tissue are compact bone and spongy bone.

What is the role of cartilage in the skeletal system?

Cartilage provides cushioning at joints, supports the respiratory tract, and forms the structure of the ear and nose.

What is the axial skeleton?

The axial skeleton consists of the bones of the skull, vertebral column, and rib cage.

What is the appendicular skeleton?

The appendicular skeleton includes the bones of the limbs and the girdles that attach them to the axial skeleton.

What is the process of bone formation called?

The process of bone formation is called ossification.

What are the three types of muscle tissue associated with the skeletal system?

The three types of muscle tissue are skeletal muscle, smooth muscle, and cardiac muscle.

What is the function of the bone marrow?

Bone marrow is responsible for producing blood cells, including red blood cells, white blood cells, and platelets.

What is osteoporosis?

Osteoporosis is a condition characterized by weakened bones that are more susceptible to fractures.