

Functions of a Skeletal System

1. Answer the following questions:

A. What is movement?

B. What is osseous tissue?

C. Define ligament?

2. Write True or False:-

A. Joints between bones permit movements in the body.

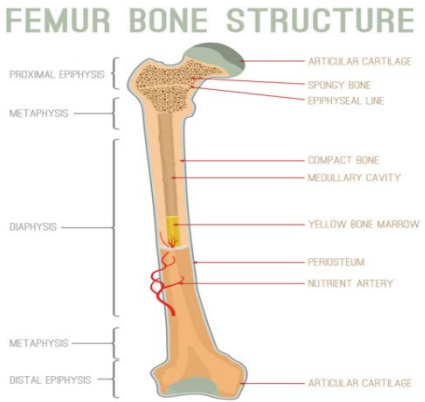
B. Bones also store calcium in the matrix.

C. Bones also protect internal organs from injury by covering or surrounding them.

3. Fill in the blanks:-

- A. Skeletal system provides the _____.
- B. Skeletal system protects many _____ of our body.
- C. Some bones release specific chemicals which regulate the _____ and _____.

4. Match the following:-

Column A	Column B
i. Spongy bone	 <p>FEMUR BONE STRUCTURE</p> <p>The diagram illustrates the internal and external structure of a femur. It is divided into four main regions: the proximal epiphysis at the top, followed by the metaphysis, the long diaphysis in the middle, and the distal epiphysis at the bottom. The proximal and distal epiphyses are covered with articular cartilage. The epiphyses contain spongy bone, while the diaphysis is composed of compact bone surrounding a central medullary cavity. The medullary cavity is filled with yellow bone marrow. A red line representing the epiphyseal line separates the epiphyses. A red spiral line representing a nutrient artery is shown entering the bone through the periosteum, the outer layer of the diaphysis.</p>
ii. Red marrow	
iii. Yellow marrow	
iv. Compact bone	