



**GLACIER INDIA**  
**(ISO,CE,WHO,GMP,FDA 17025:2017 Certified)**



**Item Name :** Skeletal System

**Item Code :** 4222.2008.01

**Item Description :**

Skeletal system is the system of bones, associated cartilages and joints of human body. Together these structures form the human skeleton. Skeleton can be defined as the hard framework of human body around which the entire body is built. Almost all the hard parts of human body are components of human skeletal system. Joints are very important because they make the hard and rigid skeleton allow different types of movements at different locations. If the skeleton were without joints, no movement would have taken place and the significance of human body; no more than a stone.

Components of Human Skeleton: • Bones • Cartilages • Joints

Functions of human skeleton: Human skeleton performs some important functions that are necessary for survival of human beings.

Strength, support and shape: It gives strength, support and shape to the body. Without a hard and rigid skeletal system, human body cannot stand upright, and it will become just a ag of soft tissues without any proper shape

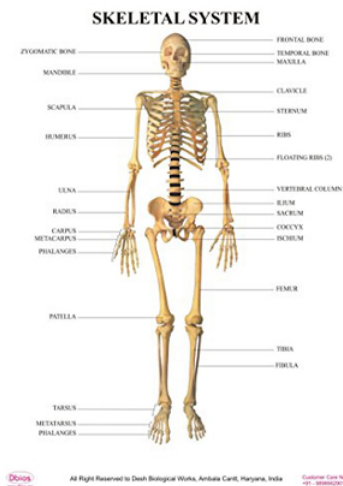
Protection of delicate organs: In areas like the rib cage and skull, the skeleton protects inner soft but vital organs like heart and brain from external shocks.

Any damage to these organs can prove fatal, therefore protective function of skeleton is very important

Leverage for movements: Bones of the human skeleton in all parts of body provide attachment to the muscles. These muscles provide motor power for producing movements of body parts. In these movements the parts of skeleton acts like levers of different types thus producing movements according to the needs of the human body.

Production of red blood cells: Bones like the sternum, and heads of tibia have hemopoietic activity (blood cells production). These are the sites of production of new blood cells

**Item Image :**



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