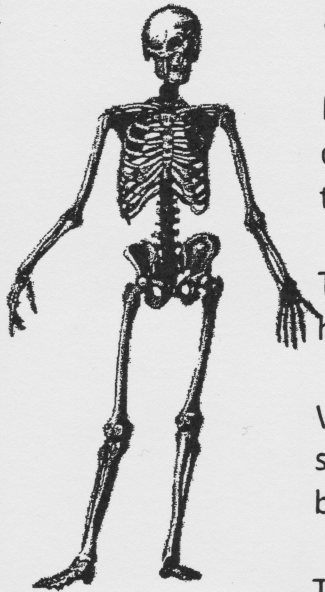


ANSWERS

UNIT 3.2: THE STRUCTURE AND FUNCTION OF THE SKELETAL SYSTEM?

1. Complete the sentences using the keywords at the bottom of the page



The skeletal system consists of bones, tendons, ligaments and cartilage, which supports the body.

Each bone has an outer layer called the periosteum, this is a thin, dense membrane that contains nerves and blood vessels that nourish the bone.

The next layer is made up of ^(cortical) compact bone, which is smooth and hard.

Within the compact bone are layers of cancellous bone. This bone, sometimes called spongy bone, is not quite as hard as compact bone but it is still very strong.

The inner most part of the bone is called bone marrow, this is a thick jelly like substance, which dogs love to eat.

The ends of the bone are protected by a tough flexible connective tissue called cartilage. This type of bone is found in the ears and in the nose.

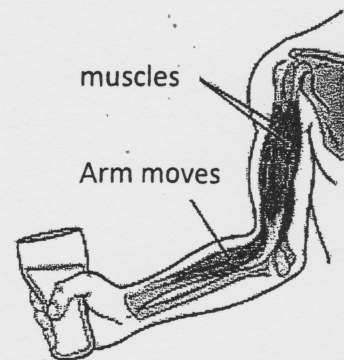
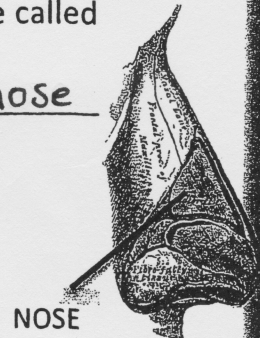
The skeletal system has many functions it supports the body keeping it upright, it

allows for muscle attachments which enables us to

move. The bones particularly the skull (cranium), rib cage and vertebrae column protect internal

organs such as the brain, lungs and spinal cord.

Bones also enable for the production of blood cells, and store calcium and minerals.



KEYWORDS: MINERALS, BRIAN, CRAN IUM, LUNGS, MOVE, BONE MARROW, CARTILAGE, NOSE, BONES, LIGAMENTS PERIOSTEUM, CANCELLOUS, COMPACT.