

## SKELETAL SYSTEM

SUBJECT TEACHER – SONI KUMARI

Our body is supported by a framework of bones . Without this framework , we will neither be able to stand straight nor move and thus , we may just collapse . This framework of the bones inside the body is called skeleton . There are 206 bones present in an adult human skeleton . The bones in the body are of various shapes and sizes . These bones may be long , thick , short and some may be small .

The bones are made up of living cells . They are supplied with blood vessels and nerves . That is why , we grow and also feel pain when a bone is fractured .

Each bone is hard from outside and has a spongy tissue inside . The long bones of the body have a central cavity filled with bone marrow . The bone marrow makes the red blood cells everyday . The ear lobe and the tip of the nose are made up of a substance not as hard as a bone . This is called cartilage .

## FUNCTION OF SKELETON

The skeleton performs the following functions

It provides a definite shape .

It provides a firm support to the body so that we can stand up , walk or run .

It protects the delicate parts inside the body like the brain , spinal cord heart and lungs .

Bones and muscles together help in the movement of the body .

Don't write only read it .

A . Tick (✓) the correct :

1 . The skeletal system is made up of ..... bones .

- (a) 620      (b) 206 ✓      (c) 112

2 . How many vertebrae are there in the backbone ?

- (a) 11      (b) 22      (c) 33 ✓

3 . Joints are held together by strong tissues called

- (a) Tendons      (b) cartilage      (c) ligaments ✓

4 . Biceps and triceps are the muscles of

- (a) Legs      (b) arms ✓      (c) stomach

5 . Cardiac muscles are present in

(a) Heart ✓ (b) lungs (c) kidneys

HOME WORK

Do CW in HW