

WORKSHEET

CHAPTER - 2

Q1 Fill in the blanks:

1. There are 206 bones in the adult human body.
2. Skull protect the brain.
3. The function of the muscles is to produce force and motion.
4. The smallest bone is found in the ears .
4. The ribcage protect our heart in the body.

Q2 State true or false:

1. There are thirteen pairs of ribs. (false)
2. Bone marrow produce red blood cells. (true)
3. The hand has five fingers. (false)
4. A joint is found between the head and the neck. (true)
5. Cardiac muscles are found in the heart. (true)



Q3. Answer the following question :

1. What are the functions of bones in our body ?

Ans. The functions of bones in our body are:

- (a) Bones give shape , strength and mobility to our body.
- (b) Bones protect the internal organs of the body like brain, heart, lungs, kidney, liver etc.

2. Differentiate between voluntary and involuntary muscles.

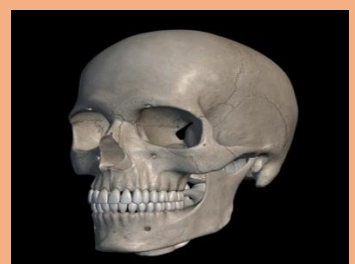
Ans **VOLUNTARY MUSCLES:** (a) Muscles that can be controlled by us according to our free will.

(b) It is found in our legs, arms, tongue etc. and help us in our daily activities like reading or running.

INVOLUNTARY MUSCLES : (a) Muscles that can't be in our control or not according to our free will.

(b) It is found in our heart, stomach, kidney, lungs etc and helps in digestion , breathing etc.

3. What is the function of spinal cord ?



Ans The function of spinal cord is to carries signal to and from the brain to different muscles and organs of our body to make them respond to the external environment.

4. What is the function of the skeletal system ?

Ans Functions of skeletal system are :

(a) It give shape, strength and mobility to our body.

(b) It also protect our internal delicate organs namely brain, heart, lungs, kidney and liver etc.

5. What are the different types of joints ?

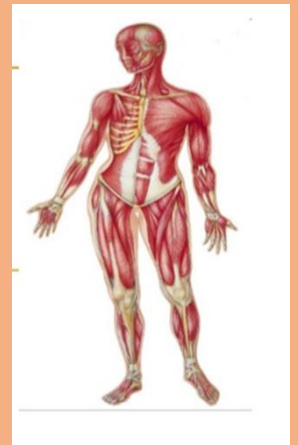
Ans The different types of joints are :

(a)Hinge joint present in elbows, knees and fingers.

(b)Ball and socket joint present in hip and shoulder.

(c) Pivot joint present in head and neck region.

(d)Gliding joint present in wrist and ankle areas.



6. What is a bone ?

Ans A bone is a living and growing tissue made up of three layers.

7. Which is the longest bone in human body ?

Ans Femur is the longest bone in human body present in hind limb.

8. Which is the smallest bone in the human body ?

Ans Stapes is the smallest bone in the human body present in ears.

9.What is the skull in the human body ?

Ans Skull is the bony structure in the human body which protect our brain. It is made up of 22 different bones.

10. What type of muscles is the human tongue ?

Ans Human tongue has voluntary muscles .

❖ **H.W. Draw types of immovable joints :**

Note :(Note down this work in your class work copy neatly)