

CLASS – 5

SUBJECT-SCIENCE WORKSHEET (CHAPTER 3)

TOPIC: THE HUMAN BODY

SYNOPSIS:-

- The **lungs, heart, kidneys, and brain** are called **organs**.
- There are also the **organs of sense** or the **sense organs**.
- The five sense organs are **eyes, ears, nose, skin and tongue**.

- Our body is supported by a framework called skeleton. It supports the body, protects internal organs and gives the body shape and strength.
- The parts of the skeleton are:-
 - **The skull**
 - **The Jaws**
 - **The Backbone or Spine**
 - **The Ribs**
 - **The Limbs**

- When two separate bones join at a point, it is called a joint.
- There are **four types** of movable joints. They are:-
 - **Hinge Joint**
 - **Ball and Socket Joint**
 - **A Pivot Joint**
 - **Gliding Joint**

- All kinds of movements of the body and body organs are brought about by contraction and relaxation of muscles. The types of muscles are:-
 - **Voluntary or Striped Muscles**
 - **Involuntary or Smooth Muscles**

- The **brain, the spinal cord** and the **nerves** together form our nervous system.
- Nerves are like telephone wires. They link every part of the body to a central control system the brain. There are three kinds of nerves:-
 - **Sensory nerves**
 - **Motor nerves**
 - **Mixed nerves**

- The brain is the control centre of the human body. The brain has three main parts.
 - **Cerebrum**
 - **Cerebellum**

- **Medulla Oblongata**

EXERCISE:-

I. Name them:-

1. The longest bone in the human body.
2. It is made-up of eight flat bones interlocked together.
3. The type of joint in the shoulder.
4. The two types of muscles in the body.
5. The heart muscle.

II. Fill in the blanks:-

1. Bones are made up of _____.
2. _____ and _____ make muscles strong.
3. Joints are held together by strong tissues called _____.
4. There are about _____ attached to various bones in our body.

III. Answer the following questions:-

- a. What is reflex action? Which part of the nervous system controls reflex actions?
- b. What functions does the skeleton perform?
- c. How do muscles work?
- d. What are nerves? Mention the different kinds of nerves?
- e. How does the cerebrum help us?
- f. How the brain is protected from shocks and jerks?

IV. Complete the following exercise at the end of the chapter:-

Exercise C on Page 42

V. Draw the following diagrams:-

On Page 32

- a) Bones of chest/breast
- b) Ball and Socket Joint

And on Page 35 (The Brain)

Please refer to the links below:- 

<https://youtu.be/24jgE9rKE8o>

<https://youtu.be/WHxJJ2jduHU>

-----X-----