

Ch-4 “Parts of a Plant”

I. Name the following

- 1.The part of the plant that grows below the ground is called the - root.
- 2.The part of the plant that grows above the ground is called the - shoot.
- 3.The flat and broad part of a leaf is called the - leaf blade (lamina).
- 4.The lines that run through the leaf are called - veins.
- 5.Tiny openings that allow the leaf to exchange gases and release water are called- stomata.

II. Differentiate between :

A. Tap Root and Fibrous Root

Tap Root

- 1.It consists of a single thick root.
- 2.It stores food.

Fibrous Root

- 1.It consists of a bunch of thin, bushy roots.
- 2.It holds the soil together.

B. Root and Shoot

Root

- 1.It grows below the soil.
- 2.Roots absorb water from the soil.

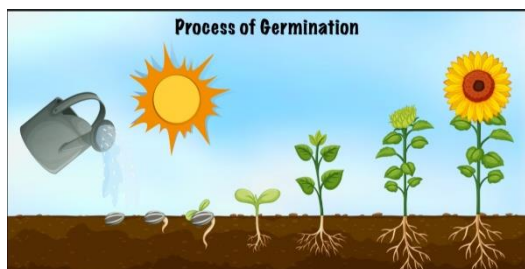
Shoot

- 1.It grows above the soil.
- 2.The shoot bears flowers, fruits, and leaves.

II. Picture-based Questions (Germination)

Observe the picture and answer the following questions

1. Identify the process.



Ans: Germination.

2. What are needed for this process?

Ans: Water, air, and warmth are needed for this process.

3. What comes out after this process?

Ans: A new plant comes out after this process.

4. Define germination.

Ans: Germination is the process by which a seed grows into a new plant.

Ch – 5 : The Human Body

I. Fill in the blanks

2. The framework of the bones is known as the **skeletal** system.

3. There are more than **600** muscles in the body.

4. **Ribs** protect your heart from injury.

5. The air that we breathe in is called **oxygen**.

6. **Heart** is the main organ of the circulatory system.

II. Differentiate between :

Skeletal System	Muscular System
1. The framework of bones is called the skeletal system	1. It consists of soft muscles.

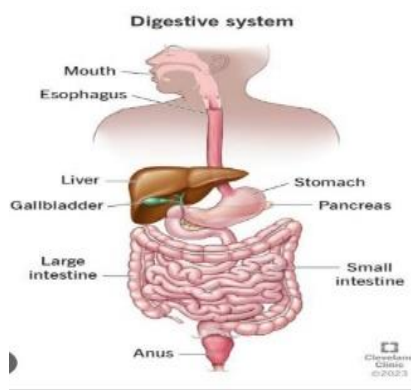
2. There are 206 bones.	2. There are 600 muscles.
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Circulatory System.	Excretory System
1. The heart, blood and blood vessels circulatory System .	1. The kidneys, skin and and lungs together form the excretory system .
2. The heart is the main organ.	2. The kidneys are the main organs

III. Match the following:

Column A	Column B
1. Skeletal system.	A. nose, windpipe, lungs (3)
2. Muscular system	B. brain, nerves and spinal cord (4)
3. Respiratory system	C. 600 muscles (2)
4. Nervous system.	D. kidneys ,skin and lungs (5)
5. Excretory system.	E. 206 bones (1)

IV. Picture Based Questions



Observe the picture and write the answers of the following questions :

1. Identify the process.

Ans Digestion

2. Where does it start?

Ans -It starts in the mouth.

3.Where does food go after we swallow it?

Ans. Food goes into the stomach through food pipe.

4.Name any two parts of this system.

Mouth and small intestine.

Chapter 6 – What Are Things Made Of?

I. Name the following

1.The wood of one tree used to make chairs – **Teak**

2.The wood of one plant used to make paper – **Bamboo**

3.Material from which handbags are made – **Leather**

4.One metal dug out from the earth – **Iron**

5.One natural material formed from dead plants and animals – **Coal**

II. Differentiate between :

<u>Plant Fibres.</u>	<u>Animal Fibre</u>
1. Obtained from Plants.	1.Obtained from Animals
2. Used for making light clothes in hot weather.	3. Used for making Warm clothes in cold winter.

III. Match the following

Column A	Column B
1. Sheep	a. fuel (3)
2. Plastic	b. linen (4)
3. Coal	c. bamboo (5)
4. flax	d. wool (1)
5. paper	e. petroleum (2).



IV. Picture-Based Questions

1. Identify the insect.

Ans: Silkworm

2. What does it eat?

Ans: Mulberry leaves

3. What kind of material do we get from it?

Ans: Silk fibre

4. Name two things made from this material.

Ans: Silk saree and silk scarf

Chapter 7 – Rock and Soil

I. Definitions

1. Sandy Soil: Soil made up of large sand particles is called sandy soil.

2. Loamy Soil: Soil that is a mixture of sandy and clayey soil is called loamy soil.

3. Gravel: The bottom layer of soil consists of tiny stones called gravel.

II. Differentiate between:

A. Humus and Gravel

Humus.	Gravel.
1. Topmost layer.	1. Bottom layer .
2. Containing remains of dead plants and animals.	2. Consists of tiny stones .

B. Sandy Soil and Clayey Soil

Sandy Soil	Clayey Soil
1. Made of large particles.	1. Made of very fine particles.
2. Does not retain Water.	2. Retains a lot of water.

III. Match the following:

Column A	Column B
1.Granite.	a. Soft rock (2)
2.Chalk.	b. Soil (3)
3.Fixes plant firmly.	c. Large particles (4)
4.Sandy soil.	d. Make pots and Utensils (5)
5.Claye soil.	e. Hard rock (1)

IV. Picture-Based Questions

Observe the image and answer the following questions



1.Where do plants grow?

A : Plants grow in soil.

2.Which soil is ideal for plant growth?

A : Loamy soil.

3.What is loamy soil?

A : A mixture of sandy soil and clayey soil.

4.Why loamy soil is very fertile?

A : Because it contains humus (remains of dead plants and animals).