**L – 6 Tissues.**

**What are Tissues?**

* Cells specializing in one function are of the grouped together in the body. The mean that is particular function is now done by the cluster of cells at a definite place of the body. These are called tissues. Few Examples are – Blood, Muscle and Phloem.

**Types of Tissues**

1. Plant Tissue
2. Animal Tissue

**Animal Tissue**

* When we breathe we can fell the movement of our body. When blood flow all the material good and bad go with it. This is what tissues. Breathing was performing by the lungs which were done by the muscular tissue.
* There are 4 Types of animal tissues 1. Epithelial Tissue 2. Connective tissue 3. Muscular tissue 4. Nervous tissue.

1. **Epithelial Tissue: -** Epithelial tissues are tightly packed tissue and cover and protect most of the body parts. E g: - Skin, Heart, Oespoghus. There are four types of epithelial tissue 1. Simple Squamous 2. Stratified Squamous 3. Cuboidal 4. Columnar
2. Simple Squamous: - Simple squamous is very thin and allows the particles to pass. E g: - Nose, Oespoghus.
3. Stratified Squamous: - Stratified Squamous has a multiple layers. They prevent the tear of the skin. E g: - Skin.
4. Cuboidal: - Cuboidal epithelium was mostly do absorption, secretion and do mechanical support to the body. E g:- In kidneys and salivary glands.
5. Columnar: - Columnar tissues has pillar like structure located in stomach. They create an impermeable barrier to the bacteria and permeable barrier to the ions.