

1. Difference between Blood and Lymph.

Ans Blood is a red liquid which circulates inside arteries and veins carrying respiratory gases and nutrients throughout body.

Lymph is a colourless fluid which bathes tissue and drains through the lymphatic system.

Main transporting fluid of the body.

Parallel transporting fluid which connects tissue fluid to circulatory system.

2. How bone differs from cartilage?

Bone

Cartilage

Bone is strong and non-flexible connective tissue.

Cartilages are flexible connective tissue.

It has a hard matrix made up of Protein, calcium and phosphorus.

Matrix is made up of sugars and proteins.

→ Blood vessels are present	Blood vessels are absent.
→ It provides shape and skeletal support to the body.	It provide support and flexibility to the body and also smoothen bone surface at joints.
→ It forms skeleton	→ It is found in nose, ear, trachea and larynx ;

3- ~~What is the n~~

3. Functions of Muscle tissue are :-

- Helps in movement of body organs.
- Helps in maintaining body posture.
- Storing and moving substances within the body requires both smooth and cardiac muscle.
- Generates heat due to the friction caused by contraction of muscles.