

Coding Mechanisms of the body

Artery= Carry blood away from the body

Veins= Brings blood back to the heart(through the valves)

Capillaries= Exchange and thin moving

Adults contain 5 L of blood

Fetal blood cells are made in the liver

blood cells are produced in red bone marrow

Plasma is 50-60% blood volume

More than 90% water, Dissolved substances such as, protein, carbohydrates, hormones, electrolytes, and coagulation proteins.

RBC(red blood cells) Erythrocytes

Old RBC are removed by the spleen, iron is recycled for new RBC

Hemoglobin in RBC transports Oxygen (O₂) to tissues and remove Carbon dioxide(CO₂)

WBC(white blood cell) Leucocytes

Neutrophils, Basophil, eosinophils, lymphocytes, monocytes, (part of WBC)

Platelets (thrombocytes)

Clotting cells but yet are not cells

Hemostasis- Good Clotting!

Thrombocytopenia- Low platelet count, uncontrollable bleeding.

Hemophilia- Inherited disease where blood can not clot correctly