BLOOD

- carries the materials throughout the body

Parts of the blood:

- RED BLOOD CELLS- made in bone marrow; carries oxygen, food, and get rids body of CO2 and
- o WHITE BLOOD CELLS- help fight disease and infection by destroying bacteria and germs that enter the body. Made in the lymph nodes.
- o PLATELETS- help blood to clot to prevent excess bleeding. o PLASMA- water portion of the blood; 55% of blood is plasma.

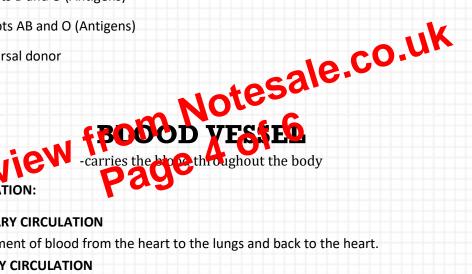
FOUR (4) TYPES OF BLOOD

TYPE A: 42% accepts A and O (Antigens)

TYPE B: 10% accepts B and O (Antigens)

TYPE AB: 3% accepts AB and O (Antigens)

TYPE O: 45% universal donor



1. PULMONARY CIRCULATION

Movement of blood from the heart to the lungs and back to the heart.

2. CORONARY CIRCULATION

Movement of blood through the tissues of the heart.

3. SYSTEMIC CIRCULATION

Movement of blood from the heart to the rest of the body, excluding the lungs.

HEART

-pumps the blood throughout the body; a four chambered, approximately the size of your fist

PARTS:

- O Right Atrium
- O Right Ventricle
- O Left Atrium
- O Left Ventricle