The function of the heart is to pump bleed throughout the body pers, 2 on the right and 2 on the left. The upper chambers are called atria, the is a muscular organ situated in the mediastinum. It is divided into 4 ower ones ventricles. ia the vessels Degent.

There are 3 types of wassals:

Arteries – they transport blood from the heart, the largest is earta Capillaries - they

Velns - they carry blood back to the heart, the largest is vena poditi

COM

Transportation of exygen from the lungs to the cells and carbon dioxide from the flashes to the lungs The bleed has many important functions, for example:

Distribution of hormones 9

0

Transportation of nutrients in the body 0

The section of medicine dealing with blood is called haemarelegy.

They are important in blood transfusion The blood is composed of plasma and blood cells: exythrocytes, leutecytes and blood are anemia and leukemia. The most common diseases of AB and O.

liver stomach large intestine small intesting traches ("wind pipe" - the tube for breathing) diaphragm (a muscle for breathing) ideney' spicen (helps the quality of your blood) pancreas (helps your body digest food) bladder

larynx ("voice box" - helps you spea

lunes

CS consists of the heart and the vassels.

HUMAIN 300Y - CABDIOVAGULAR SYSTEM (CS)

The human body functions as a whole, but it is composed of many separate functional units that must work together.

The cell

The smallest and most basic unit of life is called the cell. Cells are made of protoplasm, a watery substance that consists of proteins, carbohydrates and nucleid acids and have three parts: cytoplasm, the drane and the nucleus.

All the cells have three functions: reproduction, movement of fluid through the cell membrane and metabolism. Groups of similar cells form liseuse: epithelium, connective tissue, muscle tissue and nerve tissue.

Epithelium contains no nerve or blood vesels and its main function is

Connective tissue supports and shapes the body and muscle tissues enable contractions (movements). Nerve tissue is composed of cells that transmit electrical impulses in the body, which provide communication between body parts

A body system consists of a group of organs that form different

- The musc eletal system, composed of the skeletal system which provide a framework for the body and protects vital organs. It consists of bones and joints and its functions are connected with the muscle system. The purpose of this system is a movement caused by contraction and extension of muscles. We distinguish between voluntary and involuntary muscles. Most of the voluntary (or transversely striped) muscles are found in the extremities, in the trunk and in the head and they are capable of rapid and complicated movements. Involuntary (or smooth) muscles provide only mechanical movement in the walls of the tracts and organs.
- 2. The circulatory system it is the heart and a network of blood vessels: arteries, capillaries and veins
- vesses, atteries, capmanes and venus.

 The digestive system the mouth, oropharynx, oesophagus, stomach, small intestine, large intestine and the anus.

 The respiratory system the nose, nasopharynx, trachea, bronchi
- and the lunos.
- The urinary system the kidneys, uraters, bladder and the urethra. 6. The nervous system - the brain, spinal cord, peripheral nerves, autonomic nerves
- 7. The endocrine system it consists of seven glands and its function is to produce hormones.
- The reproductive system which is divided into the male's: the testes, epididymis, seminal vesicles and the prostate; and the female's: the ovaries, Fallopian tubes, uterus and the vagina.

The integumentary system which protects the body against patho-genic organisms and injury and consists of the skin, lymph channels and the lymph nodes.

The nucleus is resposible for the cell reproduction and contains 48 chromosomes important for the hereditary factors. They are made up of ribonucleic acid known as RNA and deoxyribonucleic acid, or DNA.

Organs of the body are positioned within spaces called cavities. The skull surrounds the cranial cavity that contains the brain. The spinal cavity formed by the vertebrae contains the spinal cord. The thoracic cavity contains the heart, bronchial tubes and the lungs. The floor of this cavity is a muscle organ called the diaphragm. Below the diaphragm there are the abdominal cavity which contains organs of the digestive system and next the pelvic cavity where we can find organs of the reproductive and urinary systems.

The human body itself consists of three major areas: the head, the trunk and the extremities.

The head consists of the cranium and the face. The cranium contains the brain and its membranesand is covered by the hair. The face is made up of the forehead, eyes, cheeks, nose, ears and the chin. The mouth has two lips and contains the tongue and the teeth.

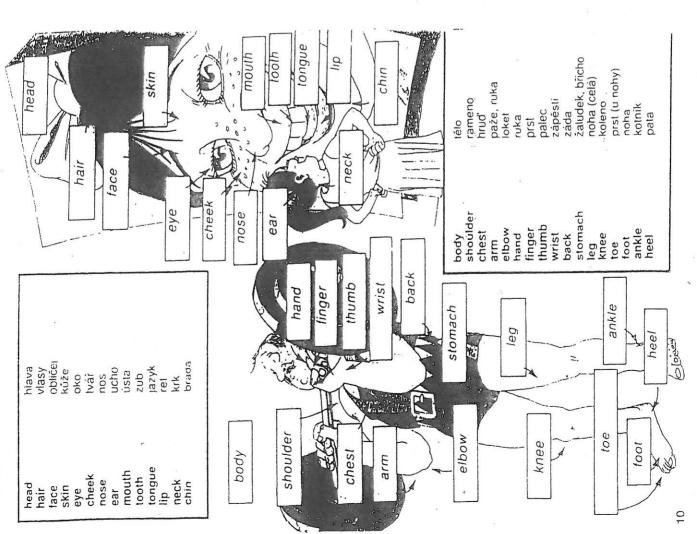
The head and the trunk are joined together at the neck which contains the cervical vertebrae, the larynx, the pharynx and important vessels and

The trunk is made up of the vertebral column, the chest, the abdomen and the pelvis. Each vertebra has a spinal canal through which the spinal cord runs. The chest contains the oesophagus, the trachea, the heart, the lungs and the great vessels. On the chest there are two nipples and, in women, two breasts.

The upper limb is made up of the shoulder, upper arm, elbow, forearm, wrist and the hand with a thumb and four fingers.

The lower limb is composed of the pelvic girdle, the hip, tight knee, lower leg with the calf and the shin, the ankle and the foot with five toes. Fingers and toes are called the digits.

The skeleton of an adult consists of more than 200 bones of various shapes and sizes. They are made up of hard osseous tissue and are described as long, short, flat or irregular. The point where two bones meet is a joint which contains an oily substance called synovia. The bones are held together by the ligaments.



miscellaneous

CROSWORD PUZZLI

Name correctly the parts of

