

**ORGANISATION OF THE HUMAN BODY****NAME AND SURNAME:****1. Complete the table with the following words:**

Water, organic, carbohydrates, lipids, inorganic, minerals, nucleic acids, proteins.

MAIN BIOMOLECULES	
	H <sub>2</sub> O →
	NaCl, CaCO <sub>3</sub> →
	Glucose →
	Cholesterol, fatty acids →
	Collagen, albumin →
	DNA, RNA →

**2. Complete, with “yes” or “no”, the following table:**

Organelles	Animal cells	Vegetal cells
Nucleus		
Vacuoles		
Cell membrane		
Cell wall		
Chloroplasts		
Cytoplasm		

**3. Put the Words in the correct order to make sentences.**

a) contains / cytoplasm / which / organic / molecules / called / a / water / is / composed / The / fluid / of / and / cytosol.

b) nucleus, / it / DNA / is / The / and / proteins. / inside / composed / the / is / of / cell

c) membrane / and / cell. / constrains / The / surrounds / plasma / the

d) are / the / vesicles / to / Golgi / body / matter. / Lysosomes / in / the / digest / organic / produced.

**4. Match each set of organs (on the left) with an organ system (on the right).**

- |                                       |                        |
|---------------------------------------|------------------------|
| 1. Heart, veins and arteries          | a. Digestive sistem    |
| 2. Lungs and windpipe                 | b. Circulatory system  |
| 3. Adrenal glands                     | c. Excretory system    |
| 4. Brain and spinal cord              | d. Nervous system      |
| 5. Bíceps and triceps                 | e. Skeletal system     |
| 6. Ovaries – uterus, testicles -penis | f. Muscle system       |
| 7. Stomach and intestins              | g. Reproductive system |
| 8. Eyes, ears, nose, mouth and skin   | h. Endocrine system    |
| 9. Kidneys and bladder                | i. Respiratory system  |
| 10. Thigh bone, ribs and spine        |                        |

**5. Match each system with the correct description.**

- |                 |  |
|-----------------|--|
| 1. Respiratory  | a. Removes waste   |
| 2. Digestive    | b. Distributes nutrients and oxigen and releases waste and CO <sub>2</sub>                     |
| 3. Circulatory  | c. Produces gametes and allows the creation of a new organism                                  |
| 4. Reproductive | d. Allows gas exchange between blood and the enviroment  |
| 5. Excretory    | e. Digests food, abdorbs nutrients and eliminates waste  |
| 6. Locomotive   | f. Wraps the body and protects it from external damage   |
| 7. Nervous      | g. Allows body movement  |
| 8. Endocrine    | h. Receives information from the sensory organs.<br>Processes it and provides the right answer |
| 9. Skin         | i. Receives stimuli from the nervous system and produces hormones.                             |

**6. Organise the systems takin into account the three vital function**

Nutrition	Relation	Reproduction

**7. IN YOUR NOTEBOOK, Make a list with 20 significant words of this unit, and their meaning.**