Reading Guide (Organ Systems Part 1)

69

Use Pages 122- in your textbook.

1. All multicellular \_\_\_\_\_\_\_\_\_\_\_\_ are organized at different levels, starting with the \_\_\_\_\_\_ and ending with the entire \_\_\_\_\_\_\_\_\_\_\_\_\_. At each higher level of \_\_\_\_\_\_\_\_\_\_\_\_\_\_, there is a greater degree of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. List the organization levels from simplest to most complex.
3. \_\_\_\_\_\_\_ are grouped together to carry out specific \_\_\_\_\_\_\_\_\_\_\_. A group of cells that work together form a \_\_\_\_\_\_\_\_\_\_\_. Your body has \_\_\_\_\_\_\_\_\_\_ main types of tissues, as do the bodies of other \_\_\_\_\_\_\_\_\_\_\_\_. These tissues make up all \_\_\_\_\_\_\_\_\_ and contents of your body.
4. List the 4 types of tissue and give an example of where each are found.
5. Define ORGAN-
6. Cells are the \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ of living things, and \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_ work together to make an organism more complex. \_\_\_\_\_\_\_\_\_\_ that work together form an organ \_\_\_\_\_\_\_\_\_\_, which is an essential part of allowing an organism to function correctly.
7. Define HOMEOSTASIS-
8. Explain how these 3 systems help maintain homeostasis.
   1. Respiratory system-
   2. Excretory system-
   3. Endocrine system-
9. Many homeostatic mechanisms work continuously to \_\_\_\_\_\_\_\_\_\_ stable conditions in the human body. Sometimes, however, the mechanisms \_\_\_\_\_\_\_. When they do, cells may not get everything they \_\_\_\_\_\_\_\_, or toxic \_\_\_\_\_\_\_\_ may accumulate in the body. If homeostasis is \_\_\_\_ restored, the imbalance may lead to disease or even \_\_\_\_\_\_\_\_.