

ORGANIZATION OF MULTICELLULAR ORGANISMS

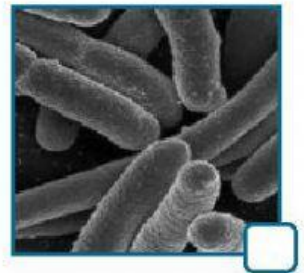
Read the text and answer the following questions:

1. CELL, 1ST Level of biological organization.

A. Write T if the statement is true or write F if it is false.

- _____ Multicellular organisms have organs formed by millions of cells.
- _____ The Cell is the First Level of Biological Organization.
- _____ Unicellular organisms are made up of just one organ.
- _____ Unicellular organisms have got body systems.
- _____ Multicellular beings have cells, tissue, organs, and body systems that make up an organism.
- _____ Unicellular organisms will always be formed by one single cell.

B. Write a U in the box next to unicellular organisms, and an M next to the multicellular ones.



2. TISSUE, 2ND Level of biological organization.

C. Fill in the blanks with the words from the box

biological – size - function – types of cells – second (2nd) –
cells – tissue – tissues – particular function – shape

Tissue, _____ level of _____ organization, millions of _____, similar
in _____ and _____ form the _____.

These cells have a certain _____. There are various _____
that form different _____ that have a _____.

D. Rodolfo looks at this sample in his laboratory and confirms it is tissue.



Why does Rodolfo classify this as tissue? More than one answer is correct.

- a. All cells are the same type.
- b. They are from a unicellular organism.
- c. The cells are together in a group that forms tissue.

3. ORGANS, 3rd Level of biological organization.

E. Check the box next to those words that are organs.

animal cell	lung
intestine	blood
eye	nucleus

F. Complete the text with the words from the box.

many – animal - tissues – organs – structures –
3rd – complex - same function – tissues

ORGAN: The _____ level of biological organization. _____ are made of various groups of _____ that work together to do the _____.

_____ organs are more _____ than plant organs because they have _____ types of _____ and _____.

4. SYSTEMS, 4th Level in biological organization.

- A. What are systems?
- B. Name organs that are part of the Nervous system.
- C. What other body systems do you know?

5. ORGANISMS, 5th Level in biological organization.

Explain: Why ORGANISMS are the last (and ultimate) level in the biological organization?

Because _____

OPTIONAL: If you decide to answer this part, you need to upload your drawings to Google Classroom.

- A. If you think of a fish, which is a multicellular organism, how would you describe the biological levels that make it an organism. Draw it with all its Levels.
- B. Draw and color: an animal cell and a unicellular organism.