

ORGANIZATION OF MULTICELLULAR ORGANISMS

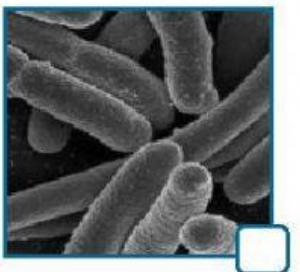
Read the text and answer the following questions:

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.