

Cells and Systems

Topic 5 - Cell Specialization and Organization Practice Quiz

1. Specialized cells are specialized for particular tasks. These types of cells are specialized to provide structure and support. They are called ...
 - nerve cells**
 - muscle cells**
 - blood cells**
 - bone cells**
2. There are many advantages to being a multicellular organism. The following are examples of some of these advantages, EXCEPT for one, which is that they ...
 - have a specialized environment**
 - can grow to be very large**
 - can obtain food from many sources**
 - have complex bodies**
3. The organization of cells follows this pattern -
 - cells form organs, tissues, and systems**
 - cells for tissues, organs, and systems**
 - cells form systems, organs, and tissues**
 - cells for organs, systems, and tissues**

4. The stomach is an organ which is made up of different tissues. The connective tissue, in the stomach, is the specialized tissue that enables the stomach to ...

hold its shape

move the contents around

line the walls of the stomach

co-ordinate all of the stomach's activities

5. Organs work together to make a system or network that performs a specialized function. Plants have only two main systems. They are the ...

stems and the leaves

roots and the leaves

shoot and the roots

leaves and the shoot

Check your
Answers

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Topic 5 - Cell Specialization and Organization Practice Quiz

1. Specialized cells are specialized for particular tasks. These types of cells are specialized to provide structure and support. They are called ...
 - nerve cells**
 - muscle cells**
 - blood cells**
 - bone cells (Text p. 141) Figure 2.22 - Connective tissue are bone cells that provide structure and support**
2. There are many advantages to being a multicellular organism. The following are examples of some of these advantages, EXCEPT for one, which is that they ...
 - have a specialized environment (Text p. 140) Multicellular organisms can live in a variety of environments**
 - can grow to be very large**
 - can obtain food from many sources**
 - have complex bodies**
3. The organization of cells follows this pattern -
 - cells form organs, tissues, and systems**
 - cells for tissues, organs, and systems (Text p. 140) These are the levels of organization**
 - cells form systems, organs, and tissues**
 - cells for organs, systems, and tissues**

4. The stomach is an organ which is made up of different tissues. The connective tissue, in the stomach, is the specialized tissue that enables the stomach to ...

hold its shape (Text p. 142) Figure 2.24

move the contents around

line the walls of the stomach

co-ordinate all of the stomach's activities

5. Organs work together to make a system or network that performs a specialized function. Plants have only two main systems. They are the ...

stems and the leaves

roots and the leaves

shoot and the roots (Text p. 144) Figure 2.25

leaves and the shoot