

Cells and Systems

Topic 1 - Living Organisms Practice Quiz

1. Characteristics of living organisms include all of the following, EXCEPT ...
 - they need energy produce wastes**
 - they reproduce and grow**
 - they respond to their environment and adapt**
 - they grow and move freely in their environment**

2. The basic unit of every system is a ...
 - nucleus**
 - cell**
 - tissue**
 - organ**

3. The stomach is a major organ of the digestive system. The specialized tissue that enables this organ to perform its function, to break down food, is ...
 - blood tissue**
 - nerve tissue**
 - muscle tissue**
 - digestive tissue**

4. Plants use their shoot system to make food for the plant. The stem is the organ of the plant that gives it support. The specialized cells in the stem are able to provide support because they have ...

thick walls

a large nucleus

very little water

chlorophyll

5. The Pika was described in the text as an example of a multicellular organism that is able to survive because of the habits and the environment of the organism, which direct the way that cells are organized. The special baglike chamber, where chewed and semidigested food collects, enable these, to help break down the food. They are ...

specialized tissues

tiny bacteria

very strong chemicals

muscle cells

**Check your
Answers**

Cells and Systems

Topic 1 - Living Organisms Practice Quiz

1. Characteristics of living organisms include all of the following, EXCEPT ...

they need energy and produce wastes

they reproduce and grow

they respond to their environment and adapt

they grow and move freely in their environment (Text p. 98) Moving freely is not one of the characteristics that Scientist have agreed on - while all the other characteristics are stated in the other answers.

2. The basic unit of every system is a ...

nucleus

cell (Text p. 100) Boldfaced on this page

tissue

organ

3. The stomach is a major organ of the digestive system. The specialized tissue that enables this organ to perform its function, to break down food, is ...

blood tissue

nerve tissue

muscle tissue (Text p. 101) Figure 2.1B

digestive tissue

4. Plants use their shoot system to make food for the plant. The stem is the organ of the plant that gives it support. The specialized cells in the stem are able to provide support because they have ...

thick walls (Text p. 101) Figure 2.1C

a large nucleus

very little water

chlorophyll

5. The Pika was described in the text as an example of a multicellular organism that is able to survive because of the habits and the environment of the organism, which direct the way that cells are organized. The special baglike chamber, where chewed and semidigested food collects, enable these, to help break down the food. They are ...

specialized tissues

tiny bacteria (Text p. 102) The tiny bacteria helps the Pika to digest plants

very strong chemicals

muscle cells