Kenan Curriculum Product Test

1. What is TRUE about the size and shape of cells?

   A. All cells are the same size and shape.

   B. All cells are the same size, but not all cells are the same shape.

   C. All cells are the same shape, but not all cells are the same size.

   D. Different cells can have both different sizes and different shapes.

2. Which of the following kinds of cells perform basic functions such as obtaining energy from food?

   A. Animal cells, but not bacteria cells

   B. Bacteria cells, but not animal cells

   C. Both animal cells and bacteria cells

   D. Neither bacteria cells nor animal cells

3. Which of the following kinds of cells perform basic functions such as obtaining energy from food?

   A. Plant cells, but not bacteria cells

   B. Bacteria cells, but not plant cells

   C. Both plant cells and bacteria cells

   D. Neither bacteria cells nor plant cells

4. Which of the following kinds of cells perform basic functions such as making molecules for growth?

   A. Animal cells, but not bacteria cells

   B. Bacteria cells, but not animal cells

   C. Both animal cells and bacteria cells

   D. Neither bacteria cells nor animal cells

5. Which of the following kinds of cells perform basic functions such as making molecules for growth?

   A. Plant cells, but not bacteria cells
   B. Bacteria cells, but not plant cells
   C. Both plant cells and bacteria cells
   D. Neither bacteria cells nor plant cells

6. Which of the following kinds of cells eliminate their own waste material?

   A. Plant cells, but not animal cells
   B. Animal cells, but not plant cells
   C. Both plant cells and animal cells
   D. Neither animal cells nor plant cells

7. Which of the following kinds of cells perform basic functions such as eliminating wastes?

   A. Animal cells, but not bacteria cells
   B. Bacteria cells, but not animal cells
   C. Both animal cells and bacteria cells
   D. Neither bacteria cells nor animal cells

8. Which of the following kinds of cells eliminate their own waste material?

   A. Plant cells, but not bacteria cells
   B. Bacteria cells, but not plant cells
   C. Both plant cells and bacteria cells
   D. Neither bacteria cells nor plant cells

9. A specialized function of living nerve cells is to transmit electrical signals from the brain to the rest of the body. Which of the following is TRUE of nerve cells?

   A. Nerve cells obtain energy from food, and they eliminate their own waste material.

   B. Nerve cells obtain energy from food, but they do not eliminate their own waste material.

   C. Nerve cells eliminate their own waste material, but they do not obtain energy from food.

   D. Nerve cells do not eliminate their own waste material, and they do not obtain energy from food.

10. A specialized function of living nerve cells is to transmit electrical signals from the brain to the rest of the body. Which of the following is TRUE of nerve cells?

   A. Nerve cells make molecules for growth, and they eliminate their own waste material.

   B. Nerve cells make molecules for growth, but they do not eliminate their own waste material.

   C. Nerve cells eliminate their own waste material, but they do not make molecules for growth.

   D. Nerve cells do not eliminate their own waste material, and they do not make molecules for growth.

11. Proteins are complex molecules needed for the growth and repair of cells. What is TRUE about where these proteins in multicellular organisms come from?

   A. These proteins are built by specialized cells for all other cells in the organism to use.

   B. These proteins are built by each cell for its own use.

   C. These proteins are not built by the cells; instead, they are taken in from the cell's environment.

   D. These proteins are not built by the cell or taken in from the outside; these proteins are already in the cell.

12. Which of the following is TRUE of muscle cells?

    A. Muscle cells obtain energy from food, and they eliminate their own waste material.

    B. Muscle cells obtain energy from food, but they do not eliminate their own waste material.

    C. Muscle cells eliminate their own waste material, but they do not obtain energy from food.

    D. Muscle cells do not eliminate their own waste material, and they do not obtain energy from food.

13. Which of the following is TRUE of muscle cells?

    A. Muscle cells make molecules for growth, and they eliminate their own waste material.

    B. Muscle cells make molecules for growth, but they do not eliminate their own waste material.

    C. Muscle cells eliminate their own waste material, but they do not make molecules for growth.

    D. Muscle cells do not eliminate their own waste material, and they do not make molecules for growth.

Answer Key

Item Number	Item Code	Correct Answer
1	CE053002	D
2	CE073004	C
3	CE074004	C
4	CE076004	C
5	CE077004	C
6	CE078004	C
7	CE079004	C
8	CE080004	C
9	CE135001	A
10	CE137001	A
11	CE138001	B
12	CE145001	A
13	CE147001	A