

Cells Quiz -- A

Word Bank	
a. Cell Wall	e. Lysosomes
b. Chloroplasts	f. Mitochondria
c. Endoplasmic Reticulum	g. Nucleus
d. Golgi Apparatus	h. Ribosomes

Write the letter of the organelle that plays each role:

1. I am the organelle responsible for photosynthesis. _____
2. I store the genetic material (DNA) in eukaryotic cells. _____
3. I link amino acids together to form proteins. _____
4. I process, sort, package and deliver proteins. _____

Multiple Choice

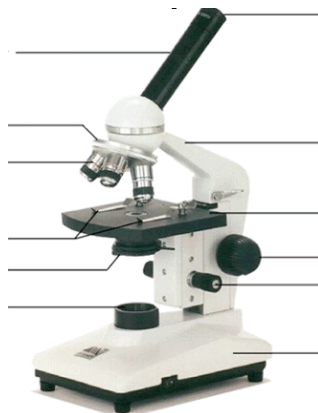
5. Which of the following is part of cell theory? _____
 - a. All organisms are made of cells.
 - b. Existing cells are produced by other living cells.
 - c. The cell is the most basic unit of matter.
 - d. a & b
 - e. a, b, & c
6. These cells do not have a nucleus or other membrane-bound organelles. _____
 - a. prokaryotic cells
 - b. eukaryotic cells
 - c. animal cells
 - d. plant cells

Short Answer

7. What organelle did you research for the class? _____ Describe this organelle's function below. Why is this organelle important to the function of the cell? What was something interesting you learned about this organelle?

Parts of the microscope:

8. Label the stage clips, ocular lens, and light on the picture below.



Cells Quiz -- B

Word Bank	
a. Cell Wall	e. Lysosomes
b. Chloroplasts	f. Mitochondria
c. Endoplasmic Reticulum	g. Nucleus
d. Golgi Apparatus	h. Ribosomes

Write the letter of the organelle that plays each role:

1. I provide structure and support around some cells. _____
2. I supply energy to plant and animal cells. _____
3. I contain digestive enzymes to help break down bacteria or worn out cell parts. _____
4. I am composed of many creases and folds and I synthesize proteins and lipids. _____

Multiple Choice:

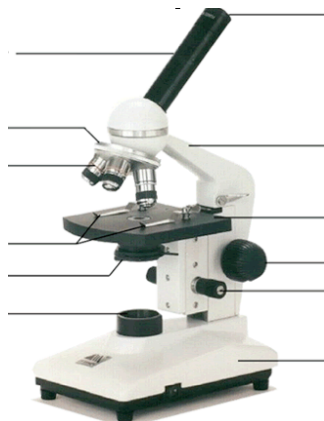
5. Which of the following is part of cell theory? _____
 - a. All organisms are made of cells.
 - b. Existing cells are produced by other living cells.
 - c. The cell is the most basic unit of life.
 - d. a & b
 - e. a, b, & c
6. These cells do not have a nucleus or other membrane-bound organelles. _____
 - a. eukaryotic cells
 - b. prokaryotic cells
 - c. animal cells
 - d. plant cells

Short Answer

7. What organelle did you research for the class? _____ Describe this organelle's function below. Why is this organelle important to the function of the cell? What was something interesting you learned about this organelle?

Parts of the microscope:

8. Label the arm, objective lens, and course adjustment on the picture below.



Cells Quiz -- C

Word Bank	
a. Cell Wall	e. Lysosomes
b. Chloroplasts	f. Mitochondria
c. Endoplasmic Reticulum	g. Nucleus
d. Golgi Apparatus	h. Ribosomes

Write the letter of the organelle that plays each role:

1. I link amino acids together to form proteins. _____
2. I process, sort, package and deliver proteins. _____
3. I am the organelle responsible for photosynthesis. _____
4. I store the genetic material (DNA) in eukaryotic cells. _____

Multiple Choice:

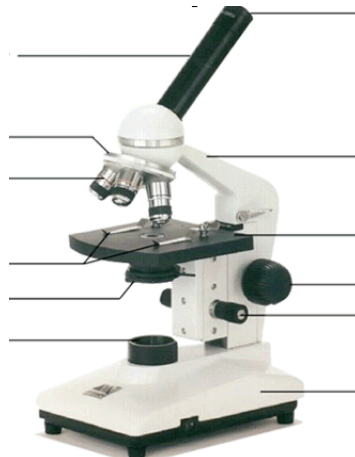
5. Which of the following is part of cell theory? _____
 - a. All organisms are made of cells.
 - b. Existing cells are produced by nonliving materials.
 - c. The cell is the most basic unit of matter.
 - d. b & c
 - e. a, b, & c
6. These cells do not have a nucleus or other membrane-bound organelles. _____
 - a. animal cells
 - b. plant cells
 - c. eukaryotic cells
 - d. prokaryotic cells

Short Answer

7. What organelle did you research for the class? _____ Describe this organelle's function below. Why is this organelle important to the function of the cell? What was something interesting you learned about this organelle?

Parts of the microscope:

8. Label the stage, fine adjustment, and base on the picture below.



Word Bank	
a. Cell Wall	e. Lysosomes
b. Chloroplasts	f. Mitochondria
c. Endoplasmic Reticulum	g. Nucleus
d. Golgi Apparatus	h. Ribosomes

Write the letter of the organelle that plays each role:

1. I contain digestive enzymes to help break down bacteria or worn out cell parts. _____
2. I am composed of many creases and folds and I synthesize proteins and lipids. _____
3. I provide structure and support around some cells. _____
4. I supply energy to plant and animal cells. _____

Multiple Choice

5. Which of the following is part of cell theory? _____
 - a. The cell is the most basic unit of matter.
 - b. Existing cells are produced by nonliving materials.
 - c. All organisms are made of cells.
 - d. b & c
 - e. a, b, & c
6. These cells do not have a nucleus or other membrane-bound organelles. _____
 - a. animal cells
 - b. plant cells
 - c. prokaryotic cells
 - d. eukaryotic cells

Short Answer

7. What organelle did you research for the class? _____ Describe this organelle's function below. Why is this organelle important to the function of the cell? What was something interesting you learned about this organelle?

Parts of the microscope:

8. Label the stage, ocular lens, and diaphragm on the picture below.

