

# Chapter 4 Review

1. Which is true about the cells of all living things?
  - A. They all have the same size.
  - B. They all have the same shape.
  - C. They all reproduce.
  - D. They all came from the same organism.
  
2. Bacteria, Archaea, and Eukarya are the names of which classification level?
  - A. domain
  - B. genus
  - C. kingdom
  - D. family
  
3. Which organ system helps protect the body from disease?
  - A. nervous system
  - B. immune system
  - C. reproductive system
  - D. circulatory system

4. Athlete's foot is caused by a
  - A. parasite.
  - B. virus.
  - C. bacterium.
  - D. fungus.
  
5. Which parts of both plant and animal cells break down sugar to release energy?
  - A. mitochondria
  - B. nuclei
  - C. vacuoles
  - D. cell walls
  
6. Which is a single-celled organism with no nucleus?
  - A. virus
  - B. bacterium
  - C. fungus
  - D. parasite

7. Where do cells come from?
- A. homeostasis
  - B. condensation
  - C. dead plant matter
  - D. other living cells
8. Which is the basic building block of both living and nonliving matter?
- A. cell
  - B. molecule
  - C. atom
  - D. organ
9. Which of the following is a process that not all single-celled organisms undergo?
- A. reproducing
  - B. making their own food
  - C. getting rid of waste
  - D. using energy

10. What makes up most of the inside of a plant or animal cell?
  - A. nucleus
  - B. mitochondria
  - C. vacuoles
  - D. cytoplasm
  
11. A living thing's ability to maintain a balanced internal environment is called
  - A. homeostasis.
  - B. cell theory.
  - C. mitochondria.
  - D. reproduction.
  
12. Which system works with the digestive system to get nutrients to the different parts of the body?
  - A. musculoskeletal system
  - B. immune system
  - C. circulatory system
  - D. nervous system

13. Which part does a plant cell have that an animal cell does not have?
- A. cell membrane
  - B. nucleus
  - C. vacuole
  - D. cell wall
14. What do tissues make up in living things?
- A. molecules
  - B. organs
  - C. cells
  - D. atoms
15. Which systems work together to bring oxygen into the body and deliver it to the cells?
- A. respiratory and excretory systems
  - B. nervous and digestive systems
  - C. respiratory and circulatory systems
  - D. nervous and immune systems

16. Which level of classification groups organisms that have the most characteristics in common?
  - A. kingdom
  - B. order
  - C. class
  - D. species
  
17. Antibiotics are used to treat diseases caused by which pathogens?
  - A. viruses
  - B. bacteria
  - C. fungi
  - D. parasites
  
18. What is the basic unit of all living things?
  - A. cell
  - B. tissue
  - C. atom
  - D. parent

19. Compare and contrast animal cells and plant cells. Describe three ways they are alike and three ways they are different.

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20. Describe how these organisms can be classified into the same group according to shared characteristics, and name the group.

Fish	Amphibians	Reptiles	Birds	Mammals
				

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