

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.

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
				
