

## Unit: BODY SYSTEMS

# STUDY GUIDE (ANSWER KEY)

1. Which system creates new organisms? **Reproductive system**
2. Which system helps a person move? **The Nervous System controls body movements.**
3. What are the different types of muscles? Where are they found?  
**Cardiac Muscle: In your heart**  
**Smooth Muscle: What your stomach is composed of.**  
**Skeletal Muscle: Connect to bones and helps with movement.**
4. Which system fights disease? **Immune System (Also called Lymphatic System)**
5. In order to move, you must have a **muscular** system, which moves your bones.
6. You have **two** lungs in your body.
7. The lungs belong to which system? **Respiratory System**
8. Which two systems are responsible for moving and support of the body?  
**Skeletal System & Muscular System**
9. Which system removes wastes from the body? **Excretory System**
10. When you take medicine it enters your **blood** and then it is circulated throughout your body.
11. List the main parts/organs of the nervous system.  
**Spinal Cord, nerves, brain**

12. Which system breaks down food? **Digestive System**

13. How do messages get to the brain?

**Messages travel through nerves to get to the brain.**

14. Which system gives your body shape? **The skeletal system**

15. The respiratory system removes **Carbon Dioxide** from the body.

16. If you have your stomach removed, what will you have problems doing?

**Breaking down and digesting food.**

17. List the levels of biological organization correctly.

**Organelles -> Cells -> Tissues -> Organs -> Organ Systems -> Organisms**

**\*\*\*Remember Organelles are parts inside a cell, like the nucleus.**

18. What is the most important function of the skin? **Protect the body.**

19. If an alien does not need to breathe, what would they not have?

**A respiratory system (lungs)**

20. What is the major purpose of the endocrine system?

**Releases hormones and controls many functions of the body.**