

## Chapter 2 and 3 Test Review

### Chapter 2

**An organ consists of groups of tissues and works with other organs to form organ systems.**

- absorption
- capillaries
- circulatory system
- digestive system
- excretory system
- esophagus
- heart
- homeostasis
- integumentary system
- interdependent
- intestines
- lung
- organ
- organ system
- respiratory system
- nervous system
- skeletal system
- skin
- stomach
- transpiration

### Chapter 3

**Advances in biological technologies have an impact on individuals and society.**

- cloning
- DNA screening
- gene
- gene therapy
- immunization
- medical imaging
- public health strategies
- transgenic organism

### Important Questions:

- 1) What is homeostasis? What are the normal conditions on your body?
- 2) How do nerve cells work?
- 3) Do you know the pathway of food through the digestive system? Can you label a diagram?
- 4) Can you describe the functions of each part of the digestive system?
- 5) Can you describe the difference between the CNS and the PNS?
- 6) What do we actually hear when we listen to our heartbeat?
- 7) What is a pulse?
- 8) Why is blood considered a tissue?
- 9) Can you label a diagram of the heart?
- 10) Can you label a diagram of the respiratory tract?
- 11) Do you know the pathway of an oxygen and carbon dioxide molecule? Can you complete a flow chart of each one?
- 12) What do the valves in the heart do? Why are they important?
- 13) What are the different components of the blood? What is the function of each part of the blood?
- 14) Can you describe how the various systems work together?
- 15) Why do we consider our organ systems interdependent?
- 16) Do you understand the organ systems found in plants? Can you label the parts of the flower?
- 17) Can you describe the different technologies outlined in chapter 3?

### Practice Questions: