Digestive Physiology worksheet

1. Discuss the purpose of a digestive system.

2. Draw a diagram of a typical mammalian digestive system and label the main and accessory components.

3. What are the two main designs for digestive systems?

4. Describe the regions of the gut and the general function of each region.

5. Describe compare and contrast the following processes, reception, peristalsis, bulk movement.

6. How are muscular movements within the digestive system muscle coordinated? What control systems are involved?

7. Select any two organisms and give a detailed description of the following: Mechanical breakdown, chemical breakdown.

8. What are the mechanisms of cellular digestive secretion?

8. How is absorption accomplished? What structures and physiological principles are involved?