

Questions (think of questions that might be on the exam)

### III. Final Digestion and Absorption

\* the stomach changes the food into a thick liquid and

\_\_\_\_\_ releases a little at a time into \_\_\_\_\_ to help make

the digestion and \_\_\_\_\_ take place efficiently

#### A. The Small Intestine

1. Small Intestine = the part of the digestive systems where most of the \_\_\_\_\_ digestion takes place

2. Almost all chemical \_\_\_\_\_ and \_\_\_\_\_ of nutrients takes place in the \_\_\_\_\_

3. There are \_\_\_\_\_ organs that produce the \_\_\_\_\_ and \_\_\_\_\_ used in the small intestine:

a. Small Intestine

b. \_\_\_\_\_

c. \_\_\_\_\_

#### B. The Liver

1. Located in the \_\_\_\_\_ right portion of the \_\_\_\_\_

2. \_\_\_\_\_ organ inside of the body

3. Role of the liver in the digestion system:

a. Bile = a substance that breaks up \_\_\_\_\_ particles; flows from \_\_\_\_\_ to \_\_\_\_\_

b. Gallbladder = the organ that stores \_\_\_\_\_

#### C. The Pancreas

1. Pancreas = \_\_\_\_\_ organ that lies between the \_\_\_\_\_ and the \_\_\_\_\_

2. The pancreas produces \_\_\_\_\_ that flow \_\_\_\_\_

into small intestine and help  
\_\_\_\_\_ starches, \_\_\_\_\_ and  
\_\_\_\_\_

#### D. Absorption in the Small Intestine

1. Villi= tiny \_\_\_\_\_ like structures covering the inner \_\_\_\_\_ of the \_\_\_\_\_ intestine; they \_\_\_\_\_ nutrient molecules
2. \_\_\_\_\_ molecules pass from \_\_\_\_\_ into blood \_\_\_\_\_

#### E. Large Intestine

1. Large Intestine = the \_\_\_\_\_ section of the \_\_\_\_\_ system
2. Contains \_\_\_\_\_ that feed on the material passing through and makes certain \_\_\_\_\_ for the body (\_\_\_\_\_)
3. As the material moves through the large intestine, \_\_\_\_\_ is \_\_\_\_\_ into the \_\_\_\_\_
4. The remaining material is readied for \_\_\_\_\_ from the body

#### F. Rectum

5. Rectum = the \_\_\_\_\_ tube at the end of the \_\_\_\_\_ intestine where \_\_\_\_\_ material is \_\_\_\_\_ into a \_\_\_\_\_ form

#### G. Anus

6. Anus = a muscular \_\_\_\_\_ at the end of the \_\_\_\_\_ where \_\_\_\_\_ material is \_\_\_\_\_ from the body

Summary (about 5 sentences):