

Digestive System

1. Review of Body Organization - (Page 100)

2. Digestive System Focus (pages 104 - 116)
 - A. Primary Function

3. Mouth and Pharynx (pages 105 - 107)
 - A. Primary Functions
 - i. Mechanical Digestion
 - a. Two Functions
 - ii. Chemical Digestion
 - a. Enzymes
 - iii. Bolus Formation

4. Tongue (pages 105 - 107)
 - A. Taste
 - i. Chemical Detection

Nutrition - Digestive System Outline

5. Pharynx (page 106, see figure 4.22)

6. Esophagus (page 106 - 107)
 - A. Lower Esophageal (Gastroesophageal) Sphincter (page 107, fig 4.24)
 - a. "Heartburn"

 - B. Peristalsis (Figure 4.23)

7. Stomach (page 107)
 - A. Sphincters (See Figure 4.24)
 - i. Lower Esophageal Sphincter
 - ii. Pyloric Sphincter

 - B. Primary Function
 - i. Chyme Formation

 - C. Process
 - i. Acid (HCl)
 - ii. Protein Digesting Enzymes

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8. Small Intestine (page 108)

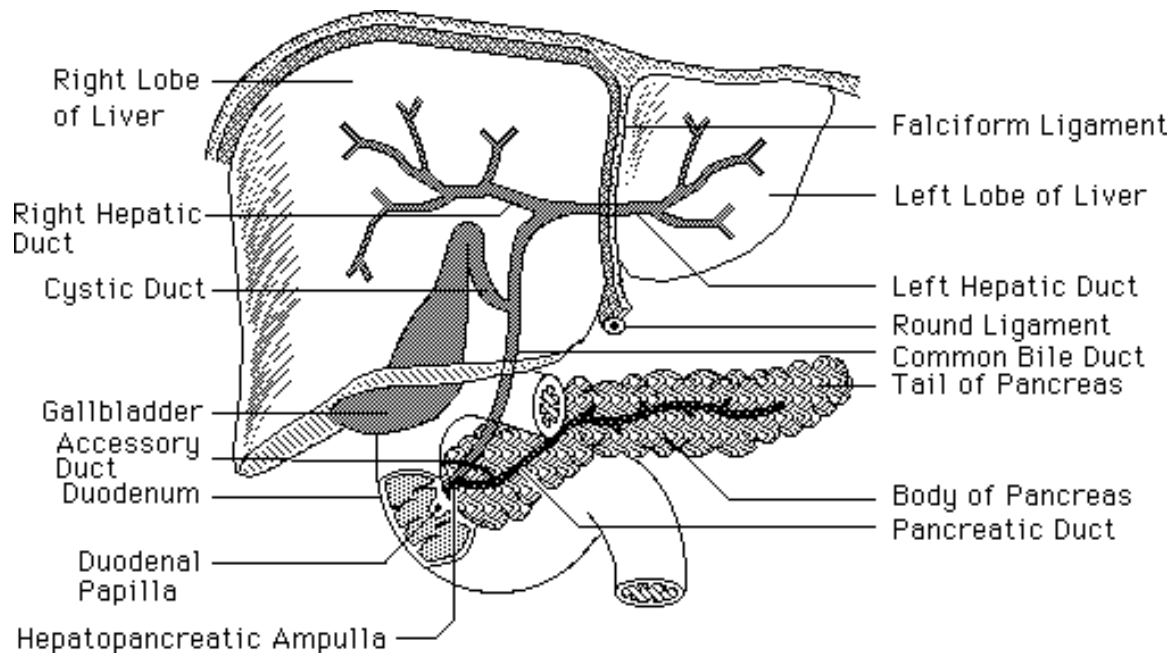
A. Primary Functions

B. Small Intestine Segments

i. Duodenum

ii. Jejunum

iii. Ileum



9. Liver (page 109)

A. Primary Digestive Functions

B. Bile Transport

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10. Gall Bladder (page 109)

A. Primary Digestive Functions

B. Bile Transport and Duct System (See page 108, figure 4.27)

11. Pancreas (page 109)

A. Primary Digestive Functions

B. Duct System (See page 108, figure 4.27)

12. Small Intestine Continued (page 110)

A. Primary Functions

B. Absorptive Surface Area

i. Villi

C. Hepatic Portal System (see handout, Also, Figure 4.30, text)

D. Lymphatic System

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13. Large Intestine (page 111)

A. Primary Functions

B. Role of Bacteria

i. Vitamin Production

ii. Competitive Function

14. Digestive Disorders (page 114 - 116)

A. Constipation

B. Vomiting

C. Heartburn

D. Ulcers

i. Helicobacter pylori (H. pylori)