

CHAPTER

8

# The Digestive System

## LEARNING EXERCISES

Grade \_\_\_\_\_ Name \_\_\_\_\_

### MATCHING WORD PARTS 1

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
8.1. anus	_____	enter/o
8.2. bile, gall	_____	an/o
8.3. large intestine	_____	cec/o
8.4. cecum	_____	chol/e
8.5. small intestine	_____	col/o

## MATCHING WORD PARTS 2

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
8.6. stomach	_____	-lithiasis
8.7. liver	_____	gastr/o
8.8. gallbladder	_____	esophag/o
8.9. esophagus	_____	hepat/o
8.10. presence of stones	_____	cholecyst/o

## MATCHING WORD PARTS 3

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
8.11. sigmoid colon	_____	-pepsia
8.12. anus and rectum	_____	pancreat/o
8.13. digestion	_____	proct/o
8.14. pancreas	_____	rect/o
8.15. rectum	_____	sigmoid/o

**DEFINITIONS**

Select the correct answer and write it on the line provided.

8.16. The use of a speculum to visually examine the anal canal and lower rectum is known as a/an

\_\_\_\_\_.

anoscopy

colonoscopy

proctoscopy

sigmoidoscopy

8.17. The \_\_\_\_\_ glands are located on the face in front of each ear.

maxillary

parotid

sublingual

submandibular

8.18. The \_\_\_\_\_ are the posterior teeth used for grinding and chewing.

canines

cuspid

incisors

molars

8.19. The liver removes excess \_\_\_\_\_ from the bloodstream.

bilirubin

glucose

glycogen

lipase

8.20. The gallbladder stores \_\_\_\_\_ for later use.

bile

glycogen

hydrochloric acid

pepsin

8.21. The duodenum is part of the \_\_\_\_\_.

cecum

large intestine

small intestine

stomach

8.22. The process of breaking down substances is known as \_\_\_\_\_.

anabolism

catabolism

defecation

dentition

8.23. The receptors of taste are located on the \_\_\_\_\_.

hard palate

rugae

tongue

uvula

8.24. Each tooth is surrounded by specialized mucous membrane known as the

\_\_\_\_\_.

cementum

dentin

gingiva

pulp

8.25. The condition characterized by the telescoping of one part of the intestine into another is called

\_\_\_\_\_.

borborygmus

flatus

intussusception

volvulus

## MATCHING STRUCTURES

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
8.26. connects the small and large intestine	_____	cecum
8.27. major part of the large intestine leading into the rectum	_____	ileum
8.28. last division of the large intestine	_____	jejunum
8.29. middle portion of the small intestine	_____	rectum
8.30. last portion of the small intestine	_____	sigmoid colon

## WHICH WORD?

Select the correct answer and write it on the line provided.

- 8.31. The word that means vomiting blood is \_\_\_\_\_.  
 hematemesis                      hyperemesis
- 8.32. The type of hepatitis that is transmitted by contaminated food and water is \_\_\_\_\_.  
 hepatitis A                      hepatitis B
- 8.33. An often fatal form of food poisoning is \_\_\_\_\_.  
 bulimia                      botulism
- 8.34. The term meaning inflammation of the small intestine is \_\_\_\_\_.  
 colitis                      enteritis
- 8.35. The \_\_\_\_\_ is the structure that hangs from the free edge of the soft palate.  
 volvulus                      uvula

## SPELLING COUNTS

Find the misspelled word in each sentence. Then write that word, spelled correctly, on the line provided.

8.36. An ilectomy is the surgical removal of the last portion of the small intestine. \_\_\_\_\_

8.37. The cecum is connected to the ileum by the iliocecal sphincter. \_\_\_\_\_

8.38. The term hepatarrhaphy means to suture the liver. \_\_\_\_\_

8.39. A proctoplexy is the surgical fixation of the rectum to some adjacent tissue or organ.  
\_\_\_\_\_

8.40. Hepatitis is an inflammation of the liver caused by a virus or by damage from toxic substances.  
\_\_\_\_\_

## MATCHING CONDITIONS

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
8.41. a congenital defect	_____	bulimia
8.42. a soft bacterial deposit that builds up on the teeth	_____	cleft lip
8.43. an autoimmune disorder	_____	Crohn's disease
8.44. an eating disorder	_____	dental plaque
8.45. yellow tissue discoloration	_____	jaundice

## TERM SELECTION

Select the correct answer and write it on the line provided.

8.46. Surgical removal of all or part of the stomach is known as a \_\_\_\_\_.

gastrectomy

gastritis

gastroenteritis

gastrotony

8.47. Difficulty in swallowing is known as \_\_\_\_\_.

anorexia

dyspepsia

dysphagia

pyrosis

- 8.48. A surgical incision into the colon is known as a \_\_\_\_\_.
- colectomy                      colostomy                      colotomy                      proctectomy
- 8.49. Progressive degeneration of the liver is caused by the disease called \_\_\_\_\_.
- cirrhosis                      hepatomegaly                      hepatitis                      hepatorrhexis
- 8.50 The pigment produced by the destruction of hemoglobin in the liver is called \_\_\_\_\_.
- bile                      bilirubin                      hydrochloric acid                      pancreatic juice

## SENTENCE COMPLETION

Write the correct term on the line provided.

- 8.51. The folds in the mucosa lining the mouth and of the stomach are known as \_\_\_\_\_.
- 8.52. The return of swallowed food to the mouth is called \_\_\_\_\_.
- 8.53. A yellow discoloration of the skin caused by greater than normal amounts of bilirubin in the blood is called \_\_\_\_\_.
- 8.54. The flow from the stomach to the duodenum is controlled by the \_\_\_\_\_ sphincter.
- 8.55. The medical term for the solid body wastes that are expelled through the rectum is/are \_\_\_\_\_.

## TRUE/FALSE

If the statement is true, write **T** on the line. If the statement is false, write **F** on the line.

- 8.56. \_\_\_\_ Amebic dysentery is an intestinal disease caused by Entamoeba histolytica.
- 8.57. \_\_\_\_ Hepatitis B can be prevented through immunization.
- 8.58. \_\_\_\_ Bruxism means to be without natural teeth.
- 8.59. \_\_\_\_ Gastrorrhagia means the excessive flow of gastric secretions.
- 8.60. \_\_\_\_ Eructation is the act of belching or raising gas orally from the stomach.

- 8.61. \_\_\_\_\_ Cholelithiasis is the presence of stones in the large intestine.
- 8.62. \_\_\_\_\_ Fatty substances in a stool sample indicate a parasite problem.
- 8.63. \_\_\_\_\_ Periodontitis is the progressive destruction of dental enamel.
- 8.64. \_\_\_\_\_ Pica is a craving for nonnutritional substances such as clay.
- 8.65. \_\_\_\_\_ A choledocholithotomy is an incision in the common bile duct for the removal of gallstones.

## CLINICAL CONDITIONS

Write the correct answer on the line provided.

- 8.66. James Ridgeview was treated for the temporary stoppage of intestinal peristalsis. The medical term for this condition is \_\_\_\_\_.
- 8.67. Chang Hoon suffers from an inflammation of the stomach. The medical term for this condition is \_\_\_\_\_.
- 8.68. Dr. Martinson described the patient as being \_\_\_\_\_, which means he was without natural teeth.
- 8.69. Baby Kilgore was vomiting almost continuously. The medical term for this excessive vomiting is \_\_\_\_\_.
- 8.70. A/An \_\_\_\_\_ was performed on Mr. Gonzalez to create an opening between his colon and body surface.
- 8.71. After eating, Mr. Delahanty often suffers from heartburn. The medical term for this condition is \_\_\_\_\_.
- 8.72. Catherine Baldwin's presenting symptom was the passage of black stools containing digested blood. The medical term for this condition is \_\_\_\_\_.
- 8.73. Alberta Roberts was diagnosed as having an inflammation of one or more diverticulum. The medical term for this condition is \_\_\_\_\_.
- 8.74. Jason Norton suffers from \_\_\_\_\_ labialis, which is also known as cold sores.
- 8.75. Lisa Wilson saw her dentist because she was concerned about bad breath. Her dentist refers to this condition as \_\_\_\_\_.

**WHICH IS THE CORRECT MEDICAL TERM?**

Select the correct answer and write it on the line provided.

8.76. The \_\_\_\_\_ test detects hidden blood in the stools.

anoscopy

colonoscopy

enema

hemocult

8.77. In a patient with a colostomy, the effluent flows from the \_\_\_\_\_.

colon

ileus

rectum

stoma

8.78. The term meaning the lack or loss of appetite is \_\_\_\_\_.

anorexia

bulimia

nervosa

pica

8.79. The hardened deposit on the teeth that irritates the surrounding tissues is known as

\_\_\_\_\_.

calculus

caries

gingiva

plaque

8.80. The surgical repair of the rectum is a/an \_\_\_\_\_.

anoplasty

palatoplasty

proctopexy

proctoplasty



**CHALLENGE WORD BUILDING**

These terms are *not* found in this chapter; however, they are made up of the following familiar word parts. You may want to look in the textbook glossary or use a medical dictionary to check your answers.

enter/o	-algia
esophag/o	-ectomy
gastr/o	-itis
hepat/o	-megaly
proct/o	-ic
sigmoid/o	-pexy
	-rrhaphy

8.81. The term meaning to suture an injured stomach is \_\_\_\_\_.

8.82. The term meaning pain in the esophagus is \_\_\_\_\_.

8.83. The term meaning the surgical removal of all or part of the sigmoid colon is \_\_\_\_\_.

8.84. The term meaning pain in and around the anus and rectum is \_\_\_\_\_.

8.85. The term meaning the surgical fixation of the stomach to correct displacement is \_\_\_\_\_.

8.86. The term meaning inflammation of the sigmoid colon is \_\_\_\_\_.

8.87. The term meaning the surgical removal of all or part of the esophagus and stomach is \_\_\_\_\_.

8.88. The term referring to the liver and intestines is \_\_\_\_\_.

8.89. The term meaning abnormal enlargement of the liver is \_\_\_\_\_.

8.90. The term meaning inflammation of the stomach, small intestine, and large intestine is \_\_\_\_\_.

## LABELING EXERCISES

Identify the numbered items on the accompanying figure.

8.91. \_\_\_\_\_ glands

8.96. \_\_\_\_\_

8.92. \_\_\_\_\_

8.97. \_\_\_\_\_ intestine

8.93. \_\_\_\_\_

8.98. vermiform \_\_\_\_\_

8.94. \_\_\_\_\_

8.99. \_\_\_\_\_ intestine

8.95. \_\_\_\_\_

8.100. \_\_\_\_\_ and anus

