The Digestive System

Learning Exercises

Class ____________________________ Name ____________________________

Matching Word Parts 1
Write the correct answer in the middle column.

<table>
<thead>
<tr>
<th>Definition</th>
<th>Correct Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.1. anus</td>
<td></td>
</tr>
<tr>
<td>8.2. bile, gall</td>
<td></td>
</tr>
<tr>
<td>8.3. large intestine</td>
<td></td>
</tr>
<tr>
<td>8.4. swallowing</td>
<td></td>
</tr>
<tr>
<td>8.5. small intestine</td>
<td></td>
</tr>
</tbody>
</table>

Possible Answers
- chol/o
- col/o
- enter/o
- -phagia

Matching Word Parts 2
Write the correct answer in the middle column.

<table>
<thead>
<tr>
<th>Definition</th>
<th>Correct Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.6. stomach</td>
<td></td>
</tr>
<tr>
<td>8.7. liver</td>
<td></td>
</tr>
<tr>
<td>8.8. gallbladder</td>
<td></td>
</tr>
<tr>
<td>8.9. esophagus</td>
<td></td>
</tr>
<tr>
<td>8.10. presence of stones</td>
<td></td>
</tr>
</tbody>
</table>

Possible Answers
- cholecyst/o
- esophag/o
- gastr/o
- hepat/o
- -lithiasis

Matching Word Parts 3
Write the correct answer in the middle column.

<table>
<thead>
<tr>
<th>Definition</th>
<th>Correct Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.11. sigmoid colon</td>
<td></td>
</tr>
<tr>
<td>8.12. anus and rectum</td>
<td></td>
</tr>
<tr>
<td>8.13. digestion</td>
<td></td>
</tr>
<tr>
<td>8.14. vomiting</td>
<td></td>
</tr>
<tr>
<td>8.15. rectum</td>
<td></td>
</tr>
</tbody>
</table>

Possible Answers
- -pepsia
- -emesis
- proct/o
- rect/o
- sigmoid/o

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

8.16. The visual examination of the anal canal and lower rectum is known as ____________________
anoscopy colonoscopy proctoscopy sigmoidoscopy

8.17. The term ____________________ means any disease of the mouth due to a fungus.
salmonellosis stomatomyasis stomatoplasty stomatorrhagia

8.18. The ____________________ is the last and longest portion of the small intestine.
  cecum ileum jejunum pylorus

8.19. The liver removes excess ____________________ from the bloodstream.
bilirubin glucose glycogen lipase

8.20. The liver secretes ____________________, which is stored in the gallbladder for later use.
bile glycogen insulin pepticin

8.21. The ____________________ travels upward from the cecum to the under surface of the liver.
  ascending colon descending colon sigmoid colon transverse colon

8.22. The process of the building up of body cells and substances from nutrients is known as
  anabolism catabolism defecation mastication

8.23. The receptors of taste are located on the dorsum of the ____________________
  hard palate rugae tongue uvula

8.24. The bone and soft tissues that surround and support the teeth are known as the ____________________
  dentition gingiva occlusion periodontium

8.25. The condition characterized by the telescoping of one part of the intestine into another is
  borborygms flatus intussusception volvulus

Matching Structures
Write the correct answer in the middle column.

<table>
<thead>
<tr>
<th>Definition</th>
<th>Correct Answer</th>
<th>Possible Answers</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.26. connects the small and large intestine</td>
<td>____________________</td>
<td>cecum duodenum jejunum rectum sigmoid colon</td>
</tr>
<tr>
<td>8.27. S-shaped structure of the large intestine</td>
<td>____________________</td>
<td></td>
</tr>
<tr>
<td>8.28. widest division of the large intestine</td>
<td>____________________</td>
<td></td>
</tr>
<tr>
<td>8.29. middle portion of the small intestine</td>
<td>____________________</td>
<td></td>
</tr>
<tr>
<td>8.30. first portion of the small intestine</td>
<td>____________________</td>
<td></td>
</tr>
</tbody>
</table>
Which Word?
Select the correct answer and write it on the line provided.

8.31. The medical term meaning vomiting blood is ____________________________.
       {
       hematemesis   hyperemesis
       }

8.32. The ____________________________ virus is transmitted by the fecal oral route.
       {
       hepatitis A   hepatitis B
       }

8.33. ______________ is a form of food poisoning that is often fatal.
       {
       Botulism   Bulimia
       }

8.34. The medical term meaning inflammation of the small intestine is ____________________________.
       {
       colitis   enteritis
       }

8.35. The ____________________________ hangs from the free edge of the soft palate.
       {
       rugae   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 epaglottis is a lid-like structure that prevents food and liquids from moving from the pharynx during swallowing. ____________________________

8.38. Surgical suturing of the liver is known as hepatarraphy. ____________________________

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

8.40. The lack of adequate saliva due to the absence of or diminished secretions by the salivary glands is known as zerostronia. ____________________________

Abbreviation Identification
In the space provided, write the words that each abbreviation stands for.

8.41. CCE ____________________________
     
8.42. CRC ____________________________
     
8.43. GERD ____________________________
     
8.44. IBS ____________________________
     
8.45. PU ____________________________

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

8.46. The surgical removal of all or part of the stomach is a ____________________________.
       {
       gastrectomy   gastritis   gastroenteritis   gastrostomy
       }
8.47. The medical term meaning difficulty in swallowing is _________________.
   anorexia dyspepsia dysphagia pyrosis

8.48. The infectious intestinal disease known as ____________________ is
   caused by the one-celled parasite Entamoeba histolytica.
   amebic dysentery cholera salmonella typhoid fever

8.49. The progressive degeneration of the liver in which scar tissue replaces normal tissue is called
   ________________.
   cirrhosis hepatitis D hepatitis E hepatomegaly

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 excessive swallowing of air while eating or drinking is known as ________________.

8.52. The return of swallowed food to the mouth is known as ________________.

8.53. A yellow discoloration of the skin caused by greater-than-normal amounts of bilirubin in the blood
   is called ________________.

8.54. The ________________ is the ring-like muscle that controls the flow
   from the stomach to the small intestine.

8.55. The medical term for the solid body wastes that are expelled through the rectum is/are
   ________________.

**Word Surgery**
Divide each term into its component word parts. Write these word parts, in sequence, on the lines provided.
When necessary use a slash (/) to indicate a combining vowel. (You may not need all of the lines provided.)

8.56. An esophagogastrroduodenoscopy is an endoscopic procedure that allows direct visualization of the
   upper GI tract.
   ________________________________

8.57. A periodontist is a dental specialist who prevents or treats disorders of the tissues surrounding the
   teeth.
   ________________________________

8.58. A sigmoidoscopy is the endoscopic examination of the interior of the rectum, sigmoid colon, and
   possibly a portion of the descending colon.
   ________________________________

8.59. An antiemetic is a medication that is administered to prevent or relieve nausea and vomiting.
   ________________________________

8.60. A gastroduodenostomy is the establishment of an anastomosis between the upper portion of the
   stomach and the duodenum.
   ________________________________
**True/False**

If the statement is true, write **True** on the line. If the statement is false, write **False** on the line.

8.61. _______ Cholangitis is an acute infection of the bile duct characterized by pain in the upper right quadrant of the abdomen, fever, and jaundice.

8.62. _______ Cholangiography is an endoscopic diagnostic procedure.

8.63. _______ Acute necrotizing ulcerative gingivitis is caused by the abnormal growth of bacteria in the mouth.

8.64. _______ Bruxism means to be without natural teeth.

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 diagnosed as having ______________ , which is the partial or complete blockage of the small and/or large intestine.

8.67. Chang Hoon suffers from ______________. This condition is an abnormal accumulation of serous fluid in the peritoneal cavity.

8.68. Rita Martinez is a dentist. She described her patient Mr. Espinoza as being ______________, which means that 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. Schmidt to create an artificial excretory opening between his colon and body surface.

8.71. After eating, Mike Delahanty often complained about heartburn. The medical term for this condition is ______________.

8.72. After the repeated passage of black, tarry, and foul-smelling stools, Catherine Baldwin was diagnosed as having ______________. This condition is caused by the presence of digested blood in the stools.

8.73. Alberta Roberts was diagnosed as having an inflammation of one or more diverticula. The medical term for this condition is ______________.

8.74. Carlotta has are blister-like sores on her lips and adjacent facial tissue. She says they are cold sores; however, the medical term for this condition is ______________.

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
- Hemoccult

8.77. A/An ______________ is a surgical connection between two hollow or tubular structures.

- anastomosis
- ostomy
- stoma
- sphincter
8.78. The eating disorder characterized by voluntary starvation and excessive exercising because of an intense fear of gaining weight is known as _____________.

anorexia  anorexia nervosa  bulimia  bulimia nervosa

8.79. The hardened deposit that forms on the teeth and irritate the surrounding tissues is known as dental _____________.

calculus  caries  decay  plaque

8.80. The surgical repair of the rectum is known as _____________.

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. If you need help in creating the term, refer to your medical dictionary.

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

8.81. Surgical suturing of a stomach wound is known as _____________.

8.82. Pain in the esophagus is known as _____________.

8.83. The surgical removal of all or part of the sigmoid colon is a/an _____________.

8.84. Pain in and around the anus and rectum is known as _____________.

8.85. The surgical fixation of the stomach to correct displacement is a/an _____________.

8.86. Inflammation of the sigmoid colon is known as _____________.

8.87. The surgical removal of all or part of the esophagus and stomach is a/an _____________.

8.88. The term meaning relating to the liver and intestines is _____________.

8.89. Abnormal enlargement of the liver is known as _____________.

8.90. Inflammation of the stomach, small intestine, and large intestine is known as _____________.

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Labeling Exercises
Identify the numbered items on the accompanying figure.

8.91. ___________ glands
8.92. ___________
8.93. ___________
8.94. ___________
8.95. ___________
8.96. ___________
8.97. ___________ intestine
8.98. ___________ vermiform
8.99. ___________ intestine
8.100. ___________ and anus