Chapter 8
Digestive System

Learning Objectives

Upon completion of this chapter, you will be able to

• Identify and define the combining forms and suffixes introduced in this chapter.
• Correctly spell and pronounce medical terms and major anatomical structures relating to the digestive system.
• Locate and describe the major organs of the digestive system and their functions.
• Describe the function of the accessory organs of the digestive system.
• Identify the shape and function of each type of tooth.
• Identify and define digestive system anatomical terms.
• Identify and define selected digestive system pathology terms.
• Identify and define selected digestive system diagnostic procedures.
• Identify and define selected digestive system therapeutic procedures.
• Identify and define selected medications relating to the digestive system.
• Define selected abbreviations associated with the digestive system.
## Worksheet 8A
### New Combining Form and Suffix Handout

Directions: For each combining form below, write out its meaning and then locate a new term from the chapter that uses the combining form or suffix.

<table>
<thead>
<tr>
<th>Combining Forms</th>
<th>Meaning</th>
<th>Chapter Term</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. an/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. append/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. appendic/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. bar/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. bucc/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. cec/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. chol/e</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. cholangi/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. cholecyst/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. choledoch/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. cirrh/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. col/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. colon/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. dent/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. diverticul/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16. duoden/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17. enter/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18. esophag/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19. gast/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20. gingiv/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21. gloss/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22. hepat/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>23. ile/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24. jejun/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Combining Forms</td>
<td>Meaning</td>
<td>Chapter Term</td>
<td>Meaning</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------</td>
<td>--------------</td>
<td>---------</td>
</tr>
<tr>
<td>25. lab/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26. lapar/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27. lingu/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>28. lith/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>29. odont/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30. ot/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31. palat/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32. pancreat/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>33. pharyng/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>34. polyp/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35. proct/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36. pylor/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37. pyr/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>38. rect/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>39. sialaden/o</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40. sigmoid/o</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Suffixes</th>
<th>Meaning</th>
<th>Chapter Term</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>41. -emesis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>42. -istry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>43. -lithiasis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>44. -orexia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>45. -pepsia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>46. -phagia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>47. -prandial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48. -tripsy</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Worksheet 8B
### Medical Term Analysis

Directions: Below are terms built from word parts used in this chapter that are not analyzed in the Word Building Table. Many are built from word parts you have learned in previous chapters. Analyze each term presented below and list and define the word parts used to build each term.

<table>
<thead>
<tr>
<th>Medical Term</th>
<th>Word Part Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. proctology</td>
<td></td>
</tr>
<tr>
<td>2. gastroesophageal</td>
<td></td>
</tr>
<tr>
<td>3. carcinoma</td>
<td></td>
</tr>
<tr>
<td>4. colitis</td>
<td></td>
</tr>
<tr>
<td>5. cholecystitis</td>
<td></td>
</tr>
<tr>
<td>6. cholelithiasis</td>
<td></td>
</tr>
<tr>
<td>7. cholecystography</td>
<td></td>
</tr>
<tr>
<td>8. intravenous</td>
<td></td>
</tr>
<tr>
<td>9. transhepatic</td>
<td></td>
</tr>
<tr>
<td>10. cholangiography</td>
<td></td>
</tr>
<tr>
<td>11. colonoscopy</td>
<td></td>
</tr>
<tr>
<td>Medical Term</td>
<td>Word Part Analysis</td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>12. cholangiopancreatography</td>
<td></td>
</tr>
<tr>
<td>13. esophagogastroduodenoscopy</td>
<td></td>
</tr>
<tr>
<td>14. gastroscopy</td>
<td></td>
</tr>
<tr>
<td>15. laparoscopy</td>
<td></td>
</tr>
<tr>
<td>16. sigmoidoscopy</td>
<td></td>
</tr>
<tr>
<td>17. choledocholithotripsy</td>
<td></td>
</tr>
</tbody>
</table>
Worksheet 8C
Unscramble

Directions: Unscramble each medical term below. A definition for the term is given below each scrambled term.

1. isdaneitsil_________________________________________
   Inflammation of a salivary gland

2. lvslvuo____________________________________________
   Bowel twists upon itself

3. cptooyrgl__________________________________________
   Medical specialty in the study of the rectum and anus

4. hricroiss___________________________________________
   Chronic liver disease

5. omrshirhdeo________________________________________
   Varicose veins in the rectum

6. ntsedyeyr___________________________________________
   Condition with pain, diarrhea, and blood and mucus in the stool

7. satgonerreitist_____________________________________
   Inflammation of stomach and small intestines

8. mseahmeseti________________________________________
   Vomiting blood

9. ainedjcu___________________________________________
   Yellow skin color associated with liver disease

10. tncaitmeei___________________________________________
    Medication to treat nausea and vomiting
Worksheet 8D

Sound It Out

Directions: The following are some of the key terms from this chapter written as their phonetic spellings. Sound out each term and write it in the blank. Pronunciations for all terms are included in the glossary at the end of the book and in the audio glossary located on Medical Terminology Interactive.

1. sig-MOYD-oh-scope ____________________________
2. gas-TRY-tis ____________________________
3. sih-ROH-sis ____________________________
4. koh-lon-OSS-koh-pee ____________________________
5. kohl-oh-REK-tall ____________________________
6. koh-lee-sis-TEK-toh-mee ____________________________
7. dis-PEP-see-ah ____________________________
8. ah-FAY-jee-ah ____________________________
9. en-TARE-ik ____________________________
10. gas-troh-en-ter-EYE-tis ____________________________
11. JAWN-diss ____________________________
12. hee-mah-TEM-ch-sis ____________________________
13. ah-pen-dih-SIGH-tis ____________________________
14. HEM-oh-roydz ____________________________
15. dis-in-TARE-ee-ee ____________________________
16. high-per-EM-ch-sis ____________________________
17. ill-ee-OSS-toh-mee ____________________________
18. jih-JUNE-all ____________________________
19. lap-ar-OSS-koh-pee ____________________________
20. me-LEE-nah ____________________________
21. pan-kree-AT-ik ____________________________
22. dis-FAY-jee-ah ____________________________
23. gas-TREK-toh-mee ____________________________
24. hep-AT-ik ____________________________
25. VOL-vyoo-lus ____________________________
Worksheet 8E

Word Search Puzzle

Directions: Find and circle the answer for each fill-in-the-blank question in the word search puzzle.

N V X F H E M O R R H O I D S
S J X K B P M X K S L L N I J
P E W T N T N W E J J J T X K
N V T K R A Z C Y S T I U M D
L Z J I U W I C X I T Z S J C
E F N S C R L C Y S R V S K Y
C M E X A S Z R Y O J M U N M
I A E V R R A C L H M R S C J
D R N L M T E D Y R D K C B Q
N T K M E L N L L R T N E R K
U L D V O N T J L I P T P L N
A T M H B M A J W C T K T R P
J N C F G Z Z R Y J K M I T T
L R P S U L U V L O V H O T T
B L M L N L N J M K L R N X L

1. ________________ refers to chronic liver disease.
2. ________________ means inflammation of the gallbladder.
3. ________________ means varicose veins in the rectum.
4. ________________ occurs when one section of intestine telescopes into another section.
5. The term ________________ describes very dark, tarry stools due to presence of blood.
6. ________________ is feeling the urge to vomit.
7. ________________ occurs when a length of bowel becomes twisted around itself.
8. ________________ is a term describing the accumulation of fluid in the abdominal cavity.
9. ________________ refers to the yellow skin color associated with liver disease.
10. Esophageal ________________ are varicose veins in the esophagus.
Worksheet 8F
Crossword Puzzle

Directions: Use the definitions given to complete the crossword puzzle.

ACROSS
7 _______/o, the combining form for rectum and anus
9 Term meaning “pertaining to the pancreas”
10 Term meaning “inflammation of small intestine”

DOWN
1 Term meaning “vomiting blood”
2 _______/o, the combining form for common bile duct
3 Term meaning “excessive vomiting”
4 Term meaning “procedure to visually examine abdominal cavity”
5 Term meaning “without eating”
6 Term meaning “abnormal condition of having polyps”
8 Term meaning “liver tumor”
Crossword Puzzle

Directions: Use the definitions given to complete the crossword puzzle.

ACROSS
7 Varicose veins in the rectum
10 Occurs when food stops moving through digestive tract
11 ______ enema is also called a lower GI series
12 Yellow-colored skin from liver disease

DOWN
1 Symptoms include pain, diarrhea, and blood in stools
2 Accumulation of fluid in abdominal cavity
3 IBS is also called ______ colon
4 Chronic liver disease, can cause jaundice
5 Term meaning “gallbladder inflammation”
6 Length of bowel twisted around itself
8 A(n) ______ ulcer extends all the way through the stomach wall
9 Dark, tarry stools
Worksheet 8G
Chapter Review

Anatomy and Physiology

1. The accessory organs of the digestive system are the ____________________________,
   ____________________________, ____________________________, and ____________________________.

2. ____________________________ is the watery, slippery secretion in the oral cavity that contains the digestive
   enzyme, ____________________________.

3. The ____________________________ of a tooth is above the gum line and the ____________________________ of
   the tooth is below the gum line.

4. The hardest substance in the body is ____________________________.

5. The ____________________________ prevents food from entering the trachea.

6. The stomach secretes ____________________________.

7. ____________________________ are rings of muscles that control entry into or exit from an organ.

8. The three sections of the small intestine are the ____________________________,
   ____________________________, and ____________________________.

9. The appendix is attached to the ____________________________ of the colon.

10. The liver secretes ____________________________ to emulsify fats.

Word Building

Directions: Build a term that means:

1. inflammation of appendix __________________________________________________________

2. removal of gallbladder ____________________________________________________________

3. create opening in colon __________________________________________________________

4. specialist in stomach and small intestine ___________________________________________

5. instrument to view inside sigmoid colon ____________________________________________

6. incision into abdomen ____________________________________________________________

7. pertaining to straight teeth _________________________________________________________
8. surgical repair of palate  
9. vomiting blood  
10. slow digestion  

Matching  
_____ 1. ascites  
_____ 2. cachexia  
_____ 3. crown  
_____ 4. caries  
_____ 5. emesis  
_____ 6. hematochezia  
_____ 7. jaundice  
_____ 8. melena  
_____ 9. polyp  
_____ 10. pyrosis  
_____ 11. aphthous ulcer  
_____ 12. herpes labialis  
_____ 13. hemorrhoids  
_____ 14. fistula  
_____ 15. hiatal hernia  
_____ 16. intussusception  
_____ 17. volvulus  
_____ 18. cholelithiasis  
_____ 19. ALT  
_____ 20. lavage  
_____ 21. bariatric surgery  
_____ 22. antiemetic  
_____ 23. FOBT  
_____ 24. paracentesis  
_____ 25. PTC  

a. Tooth cavity  
b. Gallstones  
c. Yellow tint to the skin  
d. Varicose veins in rectum  
e. Test for microscopic blood in stools  
f. Heartburn  
g. Withdrawing fluid from abdominal cavity  
h. Accumulation of fluid in peritoneal cavity  
i. Washing out the stomach  
j. Intestine twisted on itself  
k. Dark, tarry stools  
l. Diaphragmatocele  
m. X-ray to visualize bile ducts  
n. Bright red blood in the stools  
o. Treatment for morbid obesity  
p. A diagnostic blood test  
q. Loss of weight and generalized wasting  
r. Abnormal tube-like passageway  
s. Canker sore  
t. Small tumor on a stem or pedicle  
u. Artificial covering for tooth  
w. Telescoping stretch of intestine  
x. Fever blister  
y. Vomiting
Quiz 8A
New Word Parts Quiz

Directions: Define the combining form or suffix in the spaces provided.

1. bar/o ________________________________
2. append/o ________________________________
3. cholecyst/o ________________________________
4. ccc/o ________________________________
5. dent/o ________________________________
6. chol/e ________________________________
7. hepat/o ________________________________
8. lingu/o ________________________________
9. gastr/o ________________________________
10. proct/o ________________________________
11. pharyng/o ________________________________
12. cholangi/o ________________________________
13. sialaden/o ________________________________
14. or/o ________________________________
15. odont/o ________________________________
16. choledoch/o ________________________________
17. gingiv/o ________________________________
18. gloss/o ________________________________
19. colon/o ________________________________
20. enter/o ________________________________
21. labi/o ________________________________
22. -tripsy ________________________________
23. -pepsia ________________________________
24. -prandial ________________________________
25. -phagia ________________________________
Quiz 8B
Spelling Quiz

Directions: Write each term as your instructor pronounces it.

1. ____________________________________________________________________
2. ____________________________________________________________________
3. ____________________________________________________________________
4. ____________________________________________________________________
5. ____________________________________________________________________
6. ____________________________________________________________________
7. ____________________________________________________________________
8. ____________________________________________________________________
9. ____________________________________________________________________
10. __________________________________________________________________
11. __________________________________________________________________
12. __________________________________________________________________
13. __________________________________________________________________
14. __________________________________________________________________
15. __________________________________________________________________
16. __________________________________________________________________
17. __________________________________________________________________
18. __________________________________________________________________
19. __________________________________________________________________
20. __________________________________________________________________
Quiz 8C
Labeling Diagram

Directions: Label the organs of the digestive system.

1. ______________________
2. ______________________
3. ______________________
4. ______________________
5. ______________________
6. ______________________
7. ______________________
8. ______________________
Quiz 8D
Labeling Diagram

Directions: Label the organs of the digestive system.

1. ______________________
2. ______________________
3. ______________________
4. ______________________
5. ______________________
6. ______________________
7. ______________________
8. ______________________
Quiz 8E
Word Building Quiz

Directions: Build a single medical term for each phrase below.

1. pertaining to the anus ________________________________________________________________
2. pertaining to the cheeks _____________________________________________________________
3. pertaining to the gallbladder _________________________________________________________
4. pertaining to the colon ______________________________________________________________
5. pertaining to teeth _________________________________________________________________
6. pertaining to the duodenum _________________________________________________________
7. pertaining to the small intestine _____________________________________________________
8. pertaining to the esophagus _________________________________________________________
9. pertaining to the stomach __________________________________________________________
10. pertaining to the gums ___________________________________________________________ 
11. pertaining to the liver _____________________________________________________________
12. pertaining to the ileum ____________________________________________________________
13. pertaining to the jejunum __________________________________________________________
14. pertaining to under the tongue ___________________________________________________
15. pertaining to the mouth __________________________________________________________
16. pertaining to the pancreas _________________________________________________________
17. pertaining to the throat ____________________________________________________________
18. pertaining to the pylorus __________________________________________________________
19. pertaining to the rectum __________________________________________________________
20. abnormal appetite _______________________________________________________________
21. excessive vomiting ________________________________________________________________
22. slow digestion _____________________________________________________________________
23. unable to eat/swallow _____________________________________________________________
24. after a meal _________________________________________________________________________
25. removal of the appendix _________________________________________________________
Quiz 8F
Abbreviations Quiz

Directions: Write the medical term for which each abbreviation stands.

1. ac ______________________________________________________________________________
2. Ba ______________________________________________________________________________
3. BS ______________________________________________________________________________
4. CBD ______________________________________________________________________________
5. ERCP ______________________________________________________________________________
6. FOBT ______________________________________________________________________________
7. GB ______________________________________________________________________________
8. GERD ______________________________________________________________________________
9. GI ______________________________________________________________________________
10. HCl ______________________________________________________________________________
11. IBD ______________________________________________________________________________
12. IVC ______________________________________________________________________________
13. NG ______________________________________________________________________________
14. NPO ______________________________________________________________________________
15. n&v ______________________________________________________________________________
16. O&P ______________________________________________________________________________
17. pc ______________________________________________________________________________
18. pp ______________________________________________________________________________
19. TPN ______________________________________________________________________________
20. PUD ______________________________________________________________________________
21. UGI ______________________________________________________________________________
22. PO ______________________________________________________________________________
23. AST ______________________________________________________________________________
24. BE ______________________________________________________________________________
25. HAV ______________________________________________________________________________
Quiz 8G
Chapter Review

PART I: Multiple Choice

Directions: Circle the correct answer.

1. What is the medical term for the return of fluids and solids from the stomach into the mouth?
   a. dyspepsia.
   b. regurgitation.
   c. dysphagia.
   d. aphagia.

2. A protrusion of the stomach through the diaphragm and into the thoracic cavity is a(n)
   a. inguinal hernia.
   b. hiatal hernia.
   c. abdominal hernia.
   d. disk hernia.

3. The organ that produces bile is the
   a. gallbladder.
   b. pancreas.
   c. liver.
   d. small intestine.

4. The pathological condition characterized by twisting of the intestine on itself is called
   a. polyp.
   b. intussusception.
   c. volvulus.
   d. Crohn's disease.

5. The term for chronic disease of the liver with gradual destruction of its cells is
   a. dyspepsia.
   b. cirrhosis.
   c. peptic ulcer.
   d. volvulus.

6. The term for a series of X-rays taken of the stomach and duodenum after barium has been swallowed is
   a. lower GI.
   b. upper GI.
   c. anastomosis.
   d. retrograde cholangiography.

7. What is the medical term for tooth decay?
   a. ascites.
   b. fistula.
   c. gingivitis.
   d. caries.

8. Which surgical term listed below means to create a passageway between two organs?
   a. gastrectomy.
   b. anastomosis.
   c. lithotripsy.
   d. laparotomy.

9. Which treatment listed below involves using a nasogastric tube to place a nutritional liquid into the stomach?
   a. lavage.
   b. anastomosis.
   c. gavage.
   d. fistulectomy.

10. Which of the following conditions is the presence of outpouches off the gut?
    a. diverticulosis.
    b. polyposis.
    c. diaphragmatocle.
    d. ileus.
PART II: Matching

Directions: Match the term with its definition.

_____ 1. chyme  a. Difficulty with defecation
_____ 2. cuspid  b. Treats gum conditions
_____ 3. constipation  c. An autoimmune condition
_____ 4. jaundice  d. An X-ray of the teeth
_____ 5. periodontics  e. Liquefied food leaving the stomach
_____ 6. cleft palate  f. To surgically pull teeth
_____ 7. Crohn's disease  g. A symptom of liver disease
_____ 8. bite-wing  h. Treats peptic ulcers
_____ 9. extraction  i. A biting tooth
_____ 10. proton pump inhibitor  j. A congenital condition

PART III: Abbreviations

Directions: Write the full meaning of the following abbreviations.

1. PUD ________________________________
2. IBS ________________________________
3. NPO ________________________________
4. n&v ________________________________
5. EGD ________________________________
Chapter 8 Answer Keys

Worksheet 8A Answer Key

1. anus
2. appendix
3. appendix
4. weight
5. cheek
6. cecum
7. gall, bile
8. bile duct
9. gallbladder
10. common bile duct
11. yellow
12. colon
13. colon
14. tooth
15. pouch
16. duodenum
17. small intestine
18. esophagus
19. stomach
20. gums
21. tongue
22. liver
23. ileum
24. jejunum
25. lip
26. abdomen
27. tongue
28. stone
29. tooth
30. mouth
31. palate
32. pancreas
33. throat, pharynx
34. polyp
35. anus and rectum
36. pylorus
37. fire
38. rectum
39. salivary gland
40. sigmoid colon

Suffixes

41. vomit
42. specialty of
43. condition of stones
44. appetite
45. digestion
46. eat, swallow
47. pertaining to a meal
48. surgical crushing

Worksheet 8B Answer Key

1. proct/o = anus and rectum; -ology = study of
2. gastr/o = stomach; esophag/o = esophagus; -eal = pertaining to
3. carcin/o = cancer; -oma = tumor
4. col/o = colon; -itis = inflammation
5. cholecyst/o = gallbladder; -itis = inflammation
6. chol/e = gall, bile; -lithiasis = condition of stones
7. cholecyst/o = gallbladder; -graphy = process of recording
8. intra- = within; ven/o = vein; -ous = pertaining to
9. trans- = across; hepat/o = liver; -ic = pertaining to
10. cholangi/o = bile duct; -graphy = process of recording
11. colon/o = colon; -scopy = process of viewing
12. cholangi/o = bile duct; pancreat/o = pancreas; -graphy = process of recording
13. esophag/o = esophagus; gastr/o = stomach; duodenum/o = duodenum; -scopy = process of viewing
14. gastr/o = stomach; -scopy = process of viewing
15. lapat/o = abdomen; -scopy = process of viewing
16. sigmoid/o = sigmoid colon; -scopy = process of viewing
17. choledoch/o = common bile duct; lith/o = stone; -tripsy = surgical crushing
Worksheet 8C Key
1. sialadenitis
2. volvulus
3. proctology
4. cirrhosis
5. hemorrhoids
6. dysentery
7. gastroenteritis
8. hematemesis
9. jaundice
10. anti-ematic

Worksheet 8D Key
1. sigmoidoscope
2. gastritis
3. cirrhosis
4. colonoscopy
5. colorectal
6. choledocystectomy
7. dyspepsia
8. aphagia
9. enteric
10. gastroenteritis
11. jaundice
12. hematemesis
13. appendicitis
14. hemorrhoids
15. dysentery
16. hyperemesis
17. ileostomy
18. jejunal
19. laparoscopy
20. melena
21. pancreatic
22. dysphagia
23. gastrectomy
24. hepatic
25. volvulus

Worksheet 8E Key
1. cirrhosis
2. cholecystitis
3. hemorrhoids
4. intussusception
5. melena
6. nausea
7. volvulus
8. ascites
9. jaundice
10. varices
Worksheet 8F Key

Solution:

\[
\begin{array}{cccc}
C & H & L & M \\
A & H & Y & A \\
P & O & P & R \\
H & L & E & H \\
A & E & R & E \\
G & D & E & P \\
I & O & M & A \\
S & O & S & S \\
P & A & T & I \\
I & M & P & S \\
E & N & T & I \\
S & A & Y
\end{array}
\]

Solution:

\[
\begin{array}{cccc}
D & A & S & C \\
Y & C & S & P \\
S & V & I & C \\
H & E & M & R \\
O & P & T & T \\
N & L & R & E \\
T & V & H & I \\
E & U & O & S \\
R & L & S & M \\
Y & U & I & E \\
S & S & L & E \\
E & B & A & R \\
T & T & T & T \\
J & A & U & N
\end{array}
\]
Worksheet 8G Answer Key

Anatomy and Physiology
1. salivary glands, pancreas, liver, gallbladder
2. saliva, amylase
3. crown, root
4. enamel
5. epiglottis

6. hydrochloric acid
7. sphincters
8. duodenum, ileum, jejunum
9. cecum
10. bile

Word Building
1. appendicitis
2. cholecystectomy
3. colostomy
4. gastroenterologist
5. sigmoidoscope

6. laparotomy
7. orthodontic
8. palatoplasty
9. hematemesis
10. bradypepsia

Matching
1. h
2. q
3. u
4. a
5. y
6. n
7. c
8. k
9. t
10. f
11. s
12. x
13. d
14. r
15. l
16. w
17. j
18. b
19. p
20. i
21. o
22. v
23. e
24. g
25. m

Quiz 8A Answer Key
1. weight
2. appendix
3. gallbladder
4. cecum
5. tooth
6. bile, gall
7. liver
8. tongue
9. stomach
10. anus and rectum
11. throat, pharynx
12. bile duct
13. salivary gland

14. mouth
15. tooth
16. common bile duct
17. gums
18. tongue
19. colon
20. small intestine
21. lip
22. surgical crushing
23. digestion
24. pertaining to a meal
25. eat, swallow
<table>
<thead>
<tr>
<th>Quiz 8B Answer Key</th>
<th>Quiz 8C Answer Key</th>
<th>Quiz 8D Answer Key</th>
<th>Quiz 8E Answer Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. gastrointestinal</td>
<td>1. salivary glands</td>
<td>1. cystic duct</td>
<td>1. anal</td>
</tr>
<tr>
<td>2. periodontal</td>
<td>2. esophagus</td>
<td>2. common bile duct</td>
<td>2. buccal</td>
</tr>
<tr>
<td>3. oropharynx</td>
<td>3. pancreas</td>
<td>3. gallbladder</td>
<td>3. cholecystic</td>
</tr>
<tr>
<td>4. peristalsis</td>
<td>4. small intestine</td>
<td>4. duodenum</td>
<td>4. colonic</td>
</tr>
<tr>
<td>5. sphincters</td>
<td></td>
<td>5. liver</td>
<td>5. sublingual</td>
</tr>
<tr>
<td>6. sialadenitis</td>
<td></td>
<td>6. hepatic duct</td>
<td>6. oral</td>
</tr>
<tr>
<td>7. anorexia</td>
<td></td>
<td>7. pancreas</td>
<td>7. pancreatic</td>
</tr>
<tr>
<td>8. cachexia</td>
<td></td>
<td>8. pancreatic duct</td>
<td>8. pharyngeal</td>
</tr>
<tr>
<td>9. hematochezia</td>
<td></td>
<td></td>
<td>9. pyloric</td>
</tr>
<tr>
<td>10. diverticulosis</td>
<td></td>
<td></td>
<td>10. rectal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>11. dysentery</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>12. intussusception</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>13. volvulus</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>14. polyposis</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>15. cholelithiasis</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>16. cholangiography</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>17. paracentesis</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>18. hemorrhoidectomy</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>19. choledocholithotripsy</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>20. fistulectomy</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Quiz 8F Answer Key
1. before meals
2. barium
3. bowel sounds
4. common bile duct
5. endoscopic retrograde cholangiopancreatography
6. fecal occult blood test
7. gallbladder
8. gastroesophageal reflux disease
9. gastrointestinal
10. hydrochloric acid
11. inflammatory bowel disease
12. intravenous cholangiography
13. nasogastric
14. nothing by mouth
15. nausea and vomiting
16. ova and parasites
17. after meals
18. postprandial
19. total parenteral nutrition
20. peptic ulcer disease
21. upper gastrointestinal
22. by mouth
23. aspartate transaminase
24. barium enema
25. hepatitis A virus

Quiz 8G Answer Key
Multiple Choice
1. b
2. b
3. c
4. c
5. b
6. b
7. d
8. b
9. c
10. a

Matching
1. c
2. i
3. a
4. g
5. b
6. j
7. c
8. d
9. f
10. h

Abbreviations
1. peptic ulcer disease
2. irritable bowel syndrome
3. nothing by mouth
4. nausea and vomiting
5. esophagogastroduodenoscopy