

DIGESTIVE SYSTEM EXAM

A. Multiple Choice: Directions: Answer all questions to the best of your ability. Raise your hand silently if you have any questions.

- In the human body, hydrochloric acid is responsible for the low pH of the contents of the
a. kidney b. stomach c. gallbladder d. mouth
- Sometimes not enough water is absorbed from the stool in the large intestine. This condition is called _____.
a. constipation b. diarrhea c. heartburn d. upset stomach
- Bile is produced by the liver and **stored** in the _____.
a. pancreas b. stomach c. salivary glands d. gallbladder
- Each of the following aids in the process of digestion except:
a. teeth b. saliva c. stomach d. kidney
- The pharynx (throat) splits into two tubes. The larynx goes to the lungs and the esophagus goes to the _____.
a. stomach b. rectum c. larynx d. large intestine
- The crushing, mashing, and breaking of food is called _____. Examples are the teeth grinding up food and the stomach squeezing food.
a. eating b. chemical digestion c. mechanical digestion d. indigestion
- _____ is a substance is produced in the salivary glands and squirted into food to moisten it.
a. water b. bile c. saliva d. mucus
- Large molecules being broken down into nutrients by enzymes and digestive fluids is an example of _____.
a. respiration b. chemical digestion c. mechanical digestion d. indigestion
- If you do not get enough fiber, water, or exercise, the stool in your large intestine may become dry. This uncomfortable condition is called _____.
a. constipation b. diarrhea c. digestion d. urination
- What substance makes vomit a green color and breaks down **fats** and **oils** during digestion?
a. chyme b. bile c. saliva d. plasma
- What digestive organ secretes digestive enzymes into the small intestine, which breaks down carbohydrates, proteins and fats? This organ also secretes a fluid, which helps neutralize stomach acid.
a. liver b. pancreas c. gallbladder d. stomach
- What disease symptom is abdominal pain accompanied by a change in bowel habits? This can include constipation, diarrhea, or both.
a. appendicitis b. IBS c. stomach ulcers d. hernia

B. Matching: Correctly match the following terms.

- a. peristalsis b. chyme c. rugae d. amylase e. pepsin

- _____ enzyme in the stomach
- _____ involuntary, smooth muscle contractions that force food down the digestive tract
- _____ enzyme in your saliva that helps break down food
- _____ a series of ridges produced by folding of the wall of the stomach
- _____ after several hours of digestion, food in the stomach is changed to a milky semi-liquid called

C. Matching: match the appropriate organ with its function.

- a. pancreas b. liver c. gallbladder d. esophagus e. stomach aa. small intestine bb. lg. intestine

18. _____ absorbs water from the remaining indigestible food matter and transmit the useless waste from the body
19. _____ deals with blood glucose levels, protein metabolism, stores vitamins, destroys red blood cells, removes toxins
20. _____ muscular tube that connects the mouth to the stomach
21. _____ stores bile
22. _____ secretes digestive enzymes into the small intestine to break down carbs, proteins and fats
23. _____ break down and digest food
24. _____ digestion and absorption of nutrients

D. Matching: match the appropriate teeth definition.

- a. crown b. root c. enamel d. dentin

25. _____ anchored to mandible
26. _____ projects above the gums
27. _____ similar to bone, surrounds tooth's central cavity
28. _____ made of calcium salts, hardest substance in body

E. Matching: match the three salivary glands.

- a. parotid b. submandibular c. sublingual

29. _____ ear, cheek 30. _____ under tongue 31. _____ below jaw

F. Short Answer: answer the following questions to the best of your ability. Answer them completely with as much information as possible.

32. What are the main jobs of the digestive system?

33. Explain the two different types of digestion.

34. Define at least two pathologies that we discussed in the digestive system. Tell me what they are, what the symptoms are, and how do you cure/treat it.

G. Labeling the Digestive System: Directions: Label the following parts of the digestive system below.

