Digestive System Intro – Practice Quiz

1. Which of the following arrows is pointing at a PRE-MOLAR tooth?



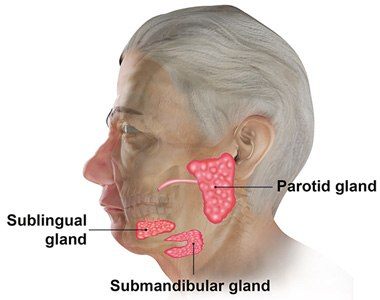
D

C

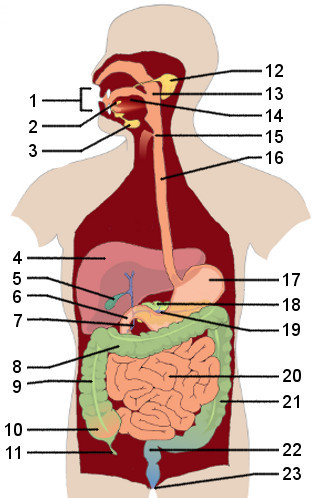
B

A

1. What is the name of the salivary gland that the arrow is pointing to?



1. Which of the following is an example of physical/mechanical digestion?
2. Gastric juices in the stomach converting proteins into small peptide chains.
3. Salivary amylase breaking starch molecules into maltose molecules
4. Molars grinding up a carrot into carrot mush
5. Peristaltic contractions in the small intestine that allow pancreatic enzymes to cause triglycerides to change into glycerol and fatty acids
6. If you were a French Fry, what structures would you pass by on your way from the mouth to the large intestine?
7. Pharynx 🡪 Esophagus 🡪 Cardiac Sphincter 🡪 Stomach 🡪 Pyloric Sphincter 🡪 Duodenum of small intestine 🡪 Large Intestine
8. Pharynx 🡪 Esophagus 🡪 Pyloric Sphincter 🡪 Stomach 🡪 Cardiac Sphincter 🡪 Duodenum of small intestine 🡪 Large Intestine
9. Esophagus 🡪 Pharynx 🡪 Pyloric Sphincter 🡪 Stomach 🡪 Cardiac Sphincter 🡪 Duodenum of small intestine 🡪 Large Intestine
10. Pharynx 🡪Esophagus 🡪 Cardiac Sphincter 🡪 Duodenum of small intestine 🡪 Pyloric Sphincter 🡪 Stomach 🡪 Large Intestine
11. Where would you find the following structures : Plicae, Villi and Microvilli?
12. Large Intestine
13. Esophagus
14. Stomach
15. Small Intestine
16. Which of the following is an **ENDOCRINE** Gland?
17. Salivary Glands that secrete saliva
18. Gastric Glands that secrete gastric juice into the stomach
19. Pancreatic Glands that secrete pancreatic juice into the duodenum
20. Pancreatic Glands that secrete Insulin into the bloodstream
21. Which nutrient group undergoes CHEMICAL digestion in the mouth?
22. FATS C) PROTEINS
23. CARBOHYDRATES D) NUCLEIC ACIDS
24. Identify each lettered structure:



**F**

**G**

**C**

**B**

**D**

**E**

**A**

1. Which nutrient group undergoes CHEMICAL digestion in the Stomach?
2. FATS B) PROTEINS
3. CARBOHYDRATES D) NUCLEIC ACIDS
4. Which of the following is absorbed into a Lacteal?
5. Amino Acids
6. Hydrochloric Acid
7. Glucose
8. Glycerol
9. Which of the following is **NOT** associated with the SMALL INTESTINE?
10. CILIA  
    B) PLICAE  
    C) VILLI  
    D) DUODENUM  
    E) MICROVILLI

**ANSWER KEY:**

1. A – Central Incisor

B – Lateral Incisor

C – Canine

D – Premolar

1. **The arrow is pointing to the SUBMANDIBULAR SALIVARY GLAND – it is always lower and further back (posterior) than the Sublingual Salivary Gland**
2. Which of the following is an example of physical/mechanical digestion?
3. Gastric juices in the stomach converting proteins into small peptide chains. - Chemical
4. Salivary amylase breaking starch molecules into maltose molecules - Chemical
5. **Molars grinding up a carrot into carrot mush - Physical**
6. Peristaltic contractions in the small intestine that allow pancreatic enzymes to cause triglycerides to change into glycerol and fatty acids – Chemical
7. If you were a French Fry, what structures would you pass by on your way from the mouth to the large intestine?
8. **Pharynx 🡪 Esophagus 🡪 Cardiac Sphincter 🡪 Stomach 🡪 Pyloric Sphincter 🡪 Duodenum of small intestine 🡪 Large Intestine**
9. Pharynx 🡪 Esophagus 🡪 Pyloric Sphincter 🡪 Stomach 🡪 Cardiac Sphincter 🡪 Duodenum of small intestine 🡪 Large Intestine
10. Esophagus 🡪 Pharynx 🡪 Pyloric Sphincter 🡪 Stomach 🡪 Cardiac Sphincter 🡪 Duodenum of small intestine 🡪 Large Intestine
11. Pharynx 🡪Esophagus 🡪 Cardiac Sphincter 🡪 Duodenum of small intestine 🡪 Pyloric Sphincter 🡪 Stomach 🡪 Large Intestine
12. Where would you find the following structures : Plicae, Villi and Microvilli?
13. Large Intestine
14. Esophagus
15. Stomach
16. **Small Intestine – all structure to increase surface area for absorption of nutrients**
17. Which of the following is an ENDOCRINE Gland?
18. Salivary Gland that secretes saliva - Exocrine
19. Gastric Glands that secrete gastric juice into the stomach - Exocrine
20. Pancreatic Glands that secrete pancreatic juice into the duodenum - Exocrine
21. **Pancreatic Glands that secrete Insulin into the bloodstream - ENDOCRINE**
22. Which nutrient group undergoes CHEMICAL digestion in the mouth?
23. FATS C) PROTEINS
24. CARBOHYDRATES D) NUCLEIC ACIDS
25. A- Submandibular Salivary Gland

B – Epiglottis

C – Esophagus

D – Pyloric Sphincter

E – Pancreas

F – Small Intestine

G – Rectum

1. Which nutrient group undergoes CHEMICAL digestion in the Stomach?
2. FATS C) PROTEINS
3. CARBOHYDRATES D) NUCLEIC ACIDS
4. Which of the following is Absorbed by a LACTEAL?
5. Amino Acids
6. Hydrochloric Acid
7. Glucose
8. Glycerol
9. Which of the following is **NOT** associated with the SMALL INTESTINE?
10. CILIA  
    B) PLICAE  
    C) VILLI  
    D) DUODENUM  
    E) MICROVILLI