The Human Digestive System

Biology · Answer Key · 15 Questions

1. What are the three main nutrients absorbed by the small intestine?

A) Carbohydrates, proteins, and fats
B) Vitamins, minerals, and water
C) Sugar, salt, and fiber
D) Proteins, fiber, and starch

2. How much saliva does an average person produce per day?

A) 0.1 to 0.5 liters
B) 1 to 1.5 liters
C) 2 to 3 liters
D) 5 liters

3. Which organ is the first step in the digestive system?

A) Stomach
B) Esophagus
C) Mouth
D) Small intestine

4. What substance in the mouth breaks down starch into sugar?

A) Water
B) Saliva
C) Acid
D) Bile

5. What is another name for the large intestine?

A) Rectum
B) Colon
C) Esophagus
D) Accessory organ

6. Which organ is responsible for absorbing water and electrolytes?

A) Small intestine
B) Large intestine
C) Stomach
D) Liver

7. Where is the pancreas located?

A) Behind the stomach
B) Above the liver
C) Under the tongue
D) Inside the large intestine

8. What is the primary function of the esophagus?

A) Breaking down fats
B) Absorbing nutrients
C) Moving food to the stomach
D) Storing waste

9. Which organ is the largest in the human body?

A) Stomach
B) Small intestine
C) Liver
D) Large intestine

10. What does the liver produce to aid in fat digestion?

A) Enzymes
B) Bile
C) Acid
D) Insulin

11. What is the physical process of breaking down food without changing its chemical makeup?

A) Chemical digestion
B) Mechanical digestion
C) Absorption
D) Assimilation

12. What acts as a reservoir for stool before elimination?

A) Anus
B) Colon
C) Rectum
D) Small intestine

13. What organ releases hormones to regulate blood sugar levels?

A) Liver
B) Pancreas
C) Mouth
D) Esophagus

14. Which process uses enzymes to convert food into absorbable building blocks?

A) Mechanical digestion
B) Chemical digestion
C) Ingestion
D) Elimination

15. What marks the exit point for food waste?

A) Rectum
B) Large intestine
C) Anus
D) Colon