

Name _____

Chemical Reactions In Digestion And Metabolism

Multiple Choice Questions

1. Which enzyme in saliva breaks down carbohydrates into simpler sugars?
 - a) Lipase
 - b) Protease
 - c) Amylase
 - d) Pepsin

2. In which part of the digestive system does most nutrient absorption occur?
 - a) Stomach
 - b) Mouth
 - c) Large intestine
 - d) Small intestine

3. What is the role of hydrochloric acid in the stomach's digestive process?
 - a) Breaking down carbohydrates
 - b) Creating an acidic environment for protein digestion
 - c) Facilitating fat digestion
 - d) Absorbing nutrients

4. Which phase of metabolism involves breaking down complex molecules into simpler ones?
 - a) Anabolism
 - b) Catabolism
 - c) Digestion
 - d) Absorption

5. What molecule serves as the primary energy currency in cells during metabolism?
 - a) DNA
 - b) Glucose
 - c) ATP (adenosine triphosphate)
 - d) Insulin

