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ANS2 Digestive System

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| **Across**  **1.** The part of a ruminant system where liquid is removed and little digestive action occurs.  **7.** The process of forcing food back up the esophagus to be chewed again. Occurs only in ruminant animals "Chewing the Cud"  **12.** Serves little function for other nonruminants and ruminants  **13.** The kind of acid that stops the action of salivary amylase.  **15.** Small finger-like projections in the intestinal wall that increase the surface area and aid in digestive absorption.  **16.** to chew food  **17.** When animals become ill from foreign objects  **18.** Process of grasping feed with lips tongue and/or teeth. | **Down**  **2.** One-celled organisms found in the rumen and reticulum and aid in digestion. Chyme Partially digested feed that is acidic, semi fluid, gray, and pulpy.  **3.** Liquid that contains water, mucus, hydrochloric acid and digestive enzymes. Secreted by glands.  **4.** Carries food from the mouth to the stomach  **5.** Secreted by intestinal wall  **6.** The enzyme that acts on proteins  **8.** Enzyme that breaks down remaining proteins  **9.** An organic catalyst substance that speeds up the digestive process.  **10.** Compounds that are the building blocks of protein and are essential for growth and maintenance of cells.  **11.** Muscular In chickens where grit and gravel help to break down feed.  **14.** Acts on fats. |