

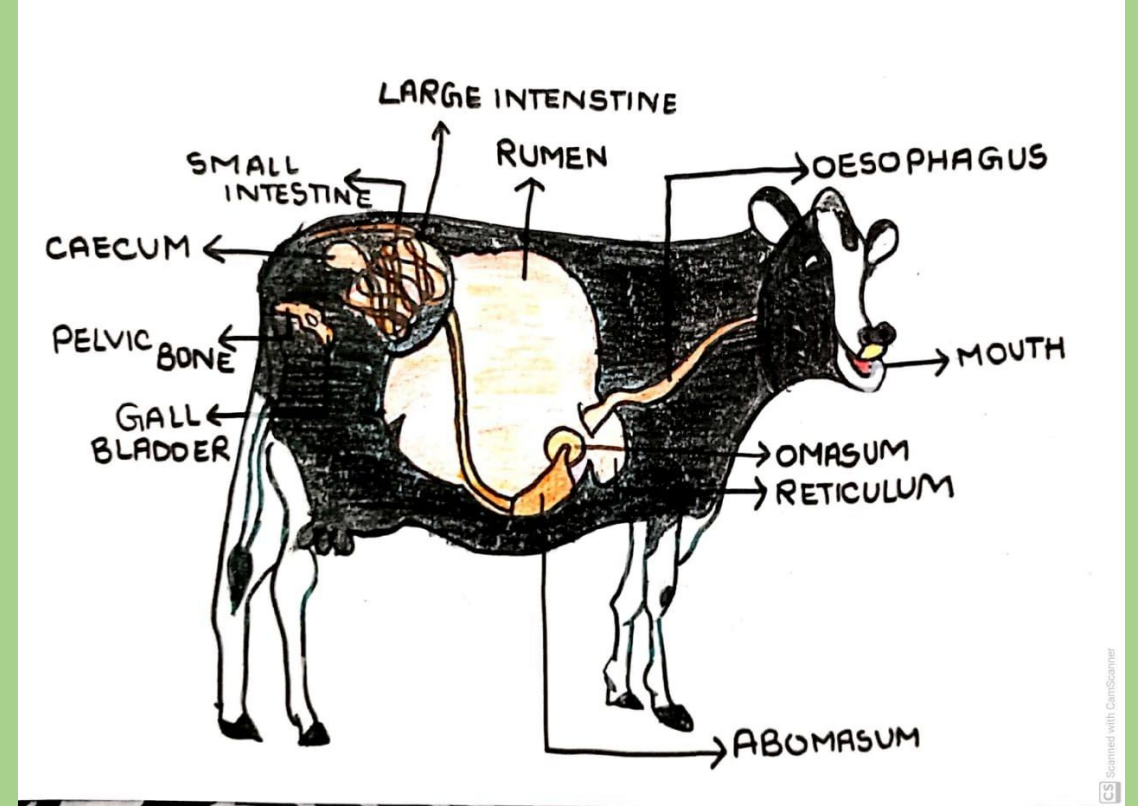
DIGESTION IN AMOEBA AND RUMINANTS

**CLASS 7
SCIENCE
LESSON 2, PART 2**



- Amoeba is a microscopic single-celled organism.
- It has a cell membrane, a round, dense nucleus and many bubble like vacuoles.
- It eats tiny organisms by spreading out its pseudopodia around its food particle and then engulfing it.
- The food gets trapped inside **food vacuole**, into which digestive juices are secreted.
- It convert them into simpler substances.
- The digested food is then absorbed.
- The undigested food is expelled out by vacuole.

- ❖ Grass eating animals like cows, buffaloes are called **ruminants**. They quickly swallow the grass.
- ❖ Grass is partially digested forming cud.
- ❖ Rumination is the process by which cud returns to the mouth in small lumps and then the animal chews it.



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Grass contain cellulose which is digested by special bacteria present in a sac like structure located between small intestine and large intestine.