

14 Digestive System

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FUNCTIONS:

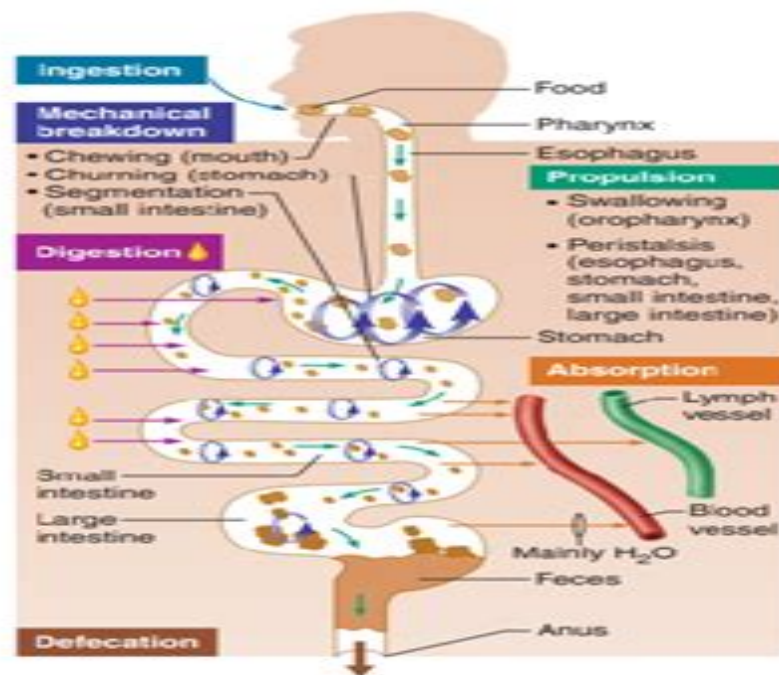
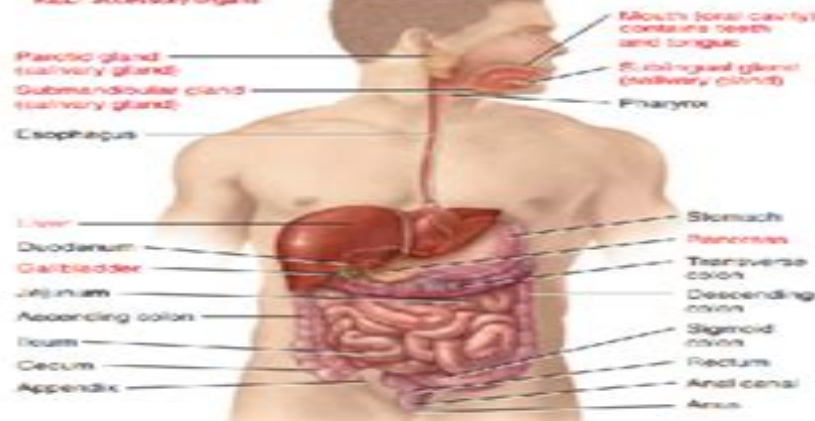
Regions of Digestive System

- I. **Digestive tract** (Gastrointestinal tract) GI tract
 - mouth, pharynx, esophagus, stomach, small intestine, and large intestine.
- II. **Accessory organs**
 - tongue, teeth, salivary glands, liver, gallbladder, and pancreas.
 - These organs include **glands** that secrete fluids into the digestive tract.

FUNCTIONS OF THE DIGESTIVE SYSTEM

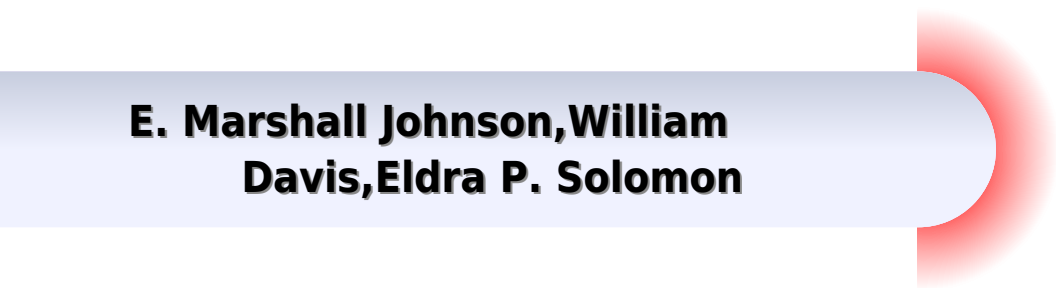
1. **Ingestion:** taking food into mouth.
2. **Secretion:** release of water, acid, buffers, and enzymes into lumen of GI tract.
3. **Mixing and propulsion:** churning and movement of food through GI tract.
4. **Digestion:** mechanical and chemical breakdown of food.
5. **Absorption:** passage of digested products from GI tract into blood and lymph.
6. **Defecation:** elimination of feces from GI tract.

REED: accessory organs



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Davis, Eldra P. Solomon**



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