Human digestive system

⇒ Parasite — Embryonic stage.

⇒ Free living

⇒ Omnivorous — Flesh & plants & their Products.

⇒ Intercellular digestion or Extracellular digestion.

Digestive system

Alimentary canal

⇒ Complete type.

Mouth, Vestibule, buccal cavity, Pharynx, oesophagous, Stomach, Small intestine (Duodenum, Jejunum & Ileum), Large intestine, Rectum, Anal canal, Anus.

digestive glands

Salivary gland, Liver & Pancreas

⇒ Gastric glands, Crypts of Lieberkuhn etc.

Brunner's gland

Alimentary canal :-

Mouth :- Anterior opening meant for ingestion.

→ It is guarded by two movable lips.

Orbicularis oris - Lips.

Vestibule :- Narrow space surrounded anteriorly by lips & cheeks

Posteriorly by gums.

Inferior labial frenulum - A fold of Peritoneum which connects middle of lower lips to lower gums.

Superior labial frenulum

Buccal cavity :-

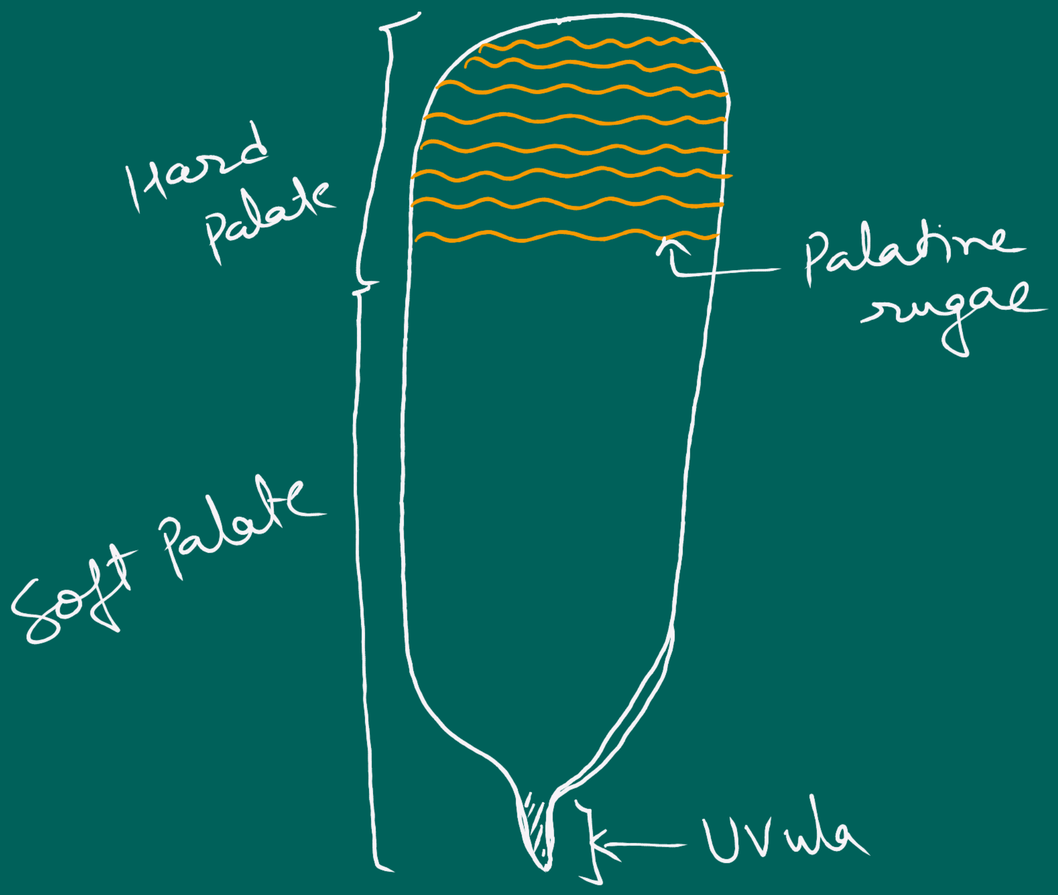
upper boundary - Palatine

Anterior & lateral - Vestibule

Posterior & lower - Throat

⇒ Palatine, Teeth, Tongue

Palatine :-



Teeth

Dentition :-

Frog
Homodont

Heterodont - Different in structure & function

(Flat teeth) Incisor - Soft things

Canine - Pointed teeth - Tear flesh

2 → vestigeal

Pre-molar
Molar
} Broader teeth - Mastication / chewing of food
Hard things.

⇒ Diphyodont

Two sets of teeth in life time.

1st set or Milk teeth or Deciduous teeth, or Temporary set.

6 months / 9 months – 2 years.

2nd set or Permanent set of teeth

6 years – 12 years.

Last Pair of molar teeth or wisdom teeth

16 – 18 years.

Thecodont :-

Acrodont

Pleurodont

Polyphyodont

Thecodont