

Digestive system

⇒ Omnivorous

"Soil" — Humus, small leaves, micro-organism etc.

More amount of humus — less amount of soil.

less " " — more amount of soil.

⇒ Intercellular or Extracellular

⇒ Alimentary canal : The channel or path through which food materials

Pass during the process of digestion.

↳ Complete type

(Mouth to anus)

↓ Ingestion (mouth)

↓ Egestion (Anus / cloacal aperture)

Mouth →

Anterior opening of alimentary canal meant for ingestion.

⇒ Absence of lips.

↳ Its mouth always remains open.

⇒ 1st segment or peristomium.

⇒ Crescent shaped.

Buccal cavity :- Thin walled chamber.

⇒ It extends from 1st seg to middle of 3rd seg.

⇒ It helps in ingestion.

NO septum
(1 to 4)



Pharynx :- Thick walled chamber

Extends from middle of 3rd seg to 4th seg.

Oesophagus :-

from 5th seg to either up to 7th or
middle of 7th seg.

Gizzard :-

8th seg or from middle of 7th seg to 8th seg.

Stomach - 9th seg - 14th seg.

→ Both openings are guarded by sphincters.

✓ Intestine :- From 15th seg to last seg.

→ Pre-typhlosolar intestine : Anterior to typhlosole.
(15th seg - 25th seg)

→ Typhlosolar intestine - Typhlosole (From 26th seg to last seg
except last 23 or 25 seg.)

→ Post-typhlosolar intestine

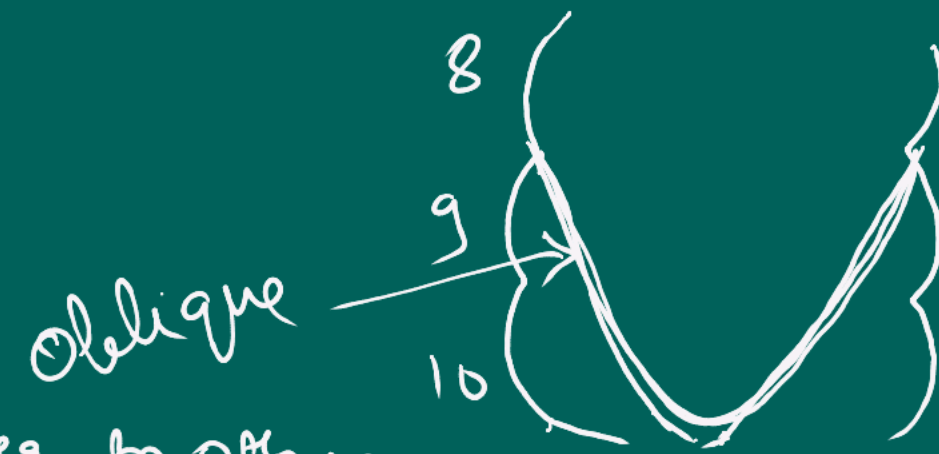
↳ Part of intestine posterior to typhlosole.
last 23 or 25 seg.

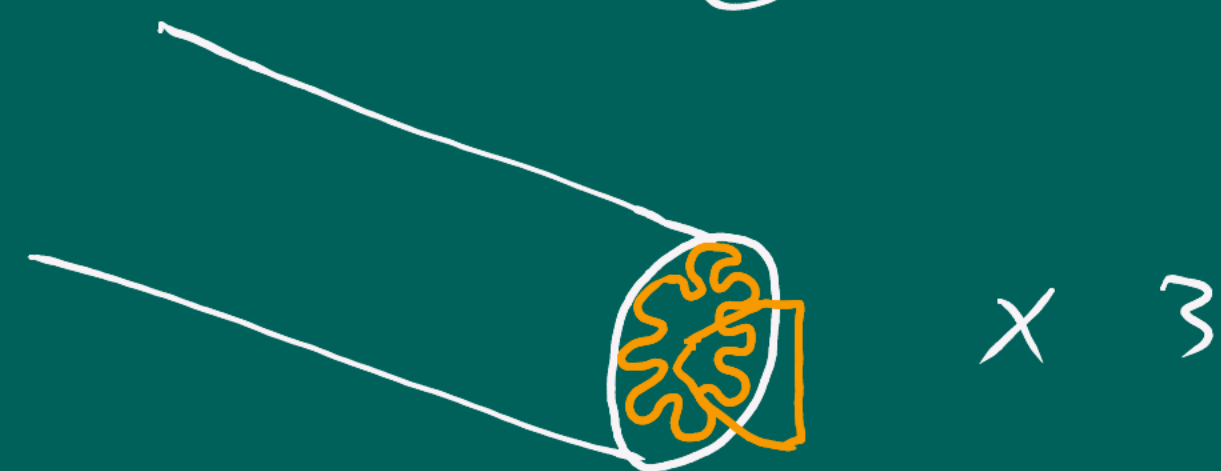
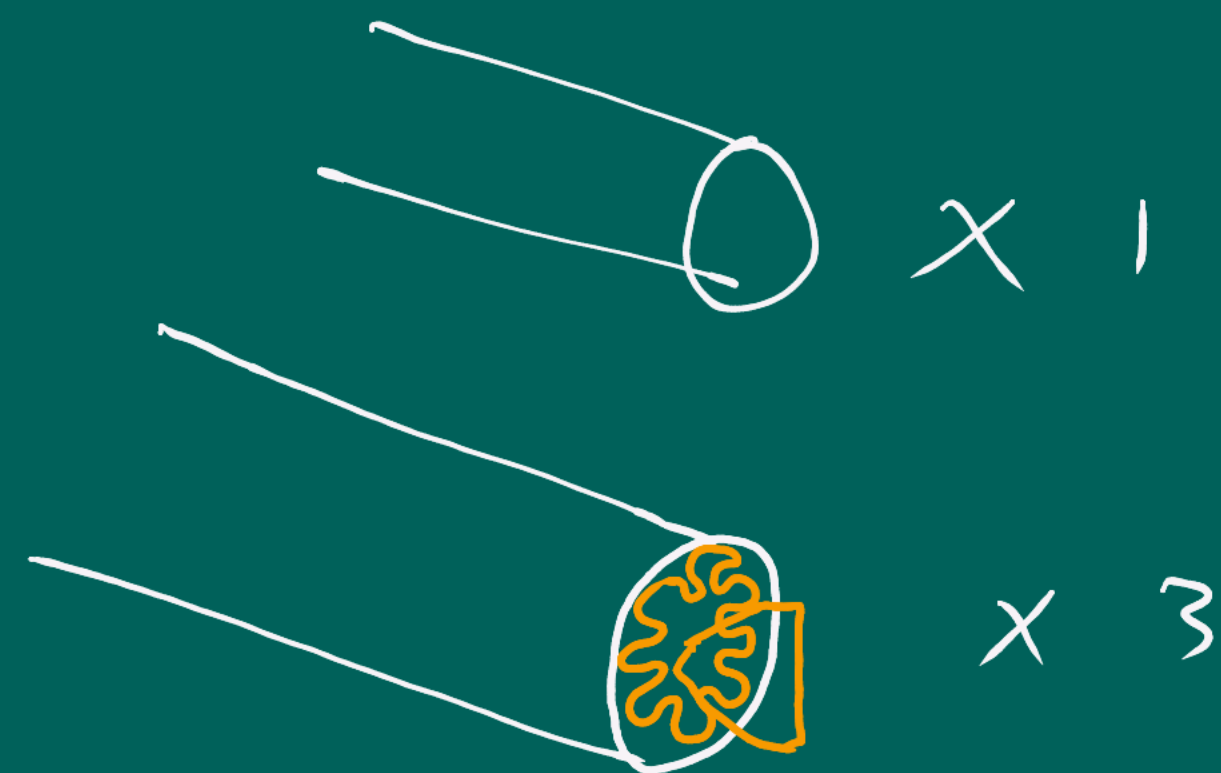
(100) - (120)

75 - 95

✓ Intestinal caecum :- Digestive glands.

↳ Amylolytic enzyme.
✓✓





Light microscope

