

=>

Biology =>
Digestive System पाचन
x x लिंग
पाचन लिंग
Start

Digestive System पाचन तंत्र

= Carbohydrate → ✓ ○ ○ ○

Protein → ✓ ○ ○ ○

Fat → ✓ ○ ○ ○

खनिज mineral → ✗ ○ ○ ○ ○

Water तल → ✗ ○ ○ ○ ○

Vitamin — ✗ ○ ○ ○ ○

help =>

gland ગાંડ

hormone
enzyme
juice

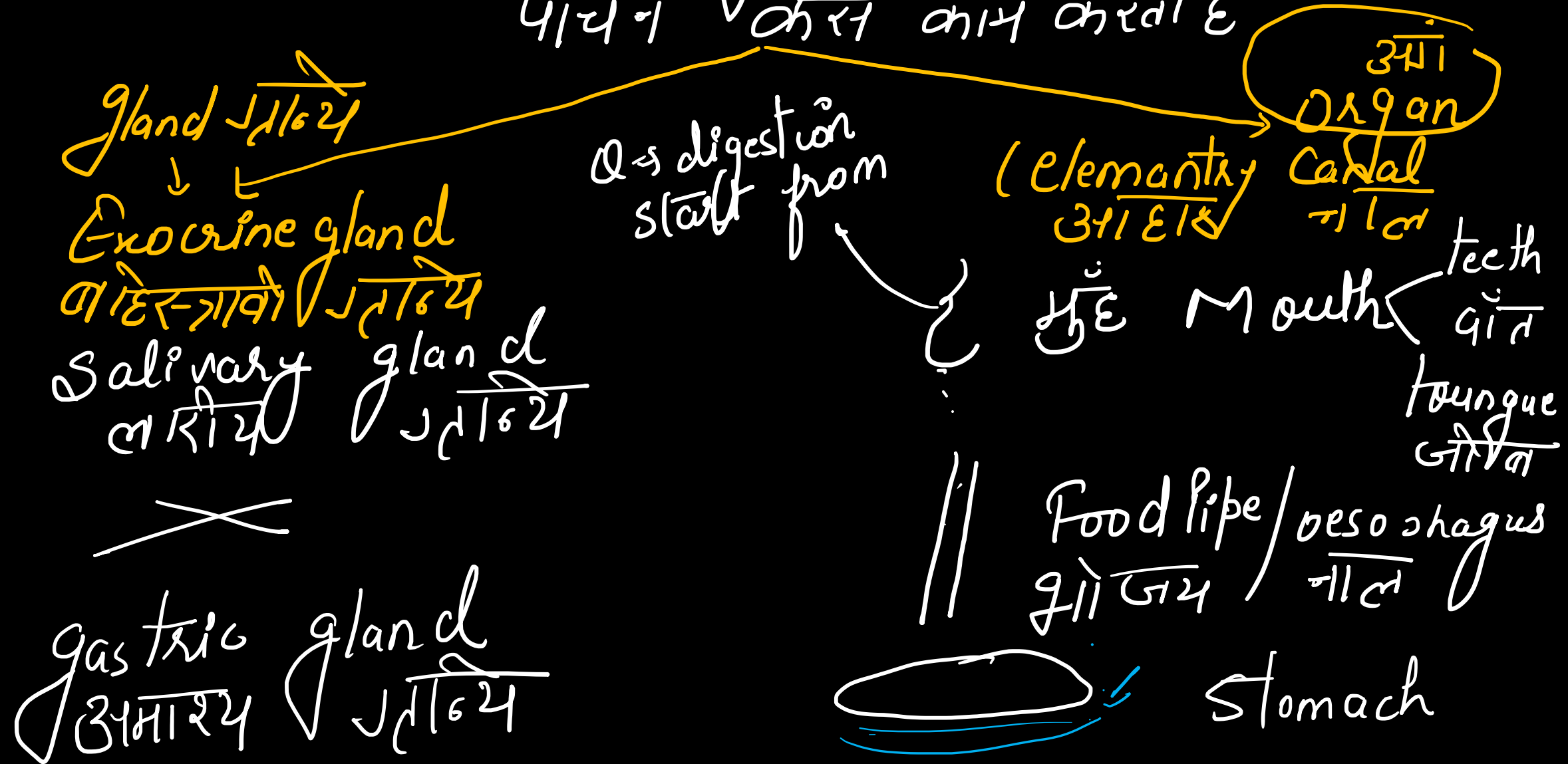
Exocrine gland
બાહ્ય ગાંડ

enzyme, juice

Endocrine gland
અંતઃગાંડ

hormones

How digestion works पाचन कैसे काम करता है

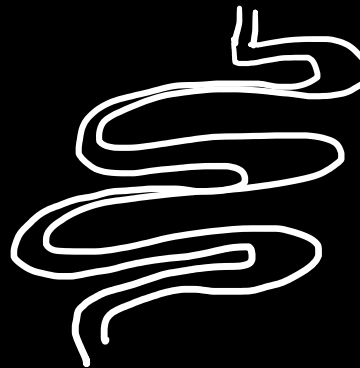


(i) Liver यकृत

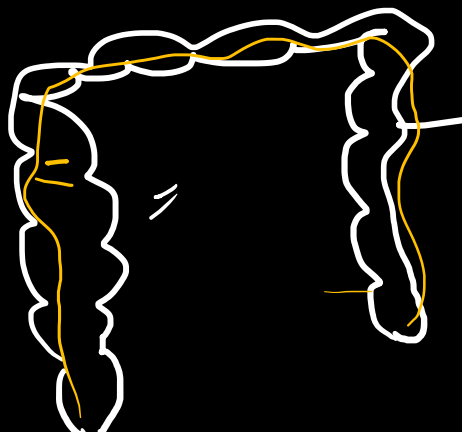
(ii) Pancreas अग्निरस

Q $\Rightarrow$ The organ which work as a gland
रस उत्पन्न करता है जो अग्निरस के रूप में कार्य करेगा

no gland =
कोई अग्निरस $\Rightarrow$

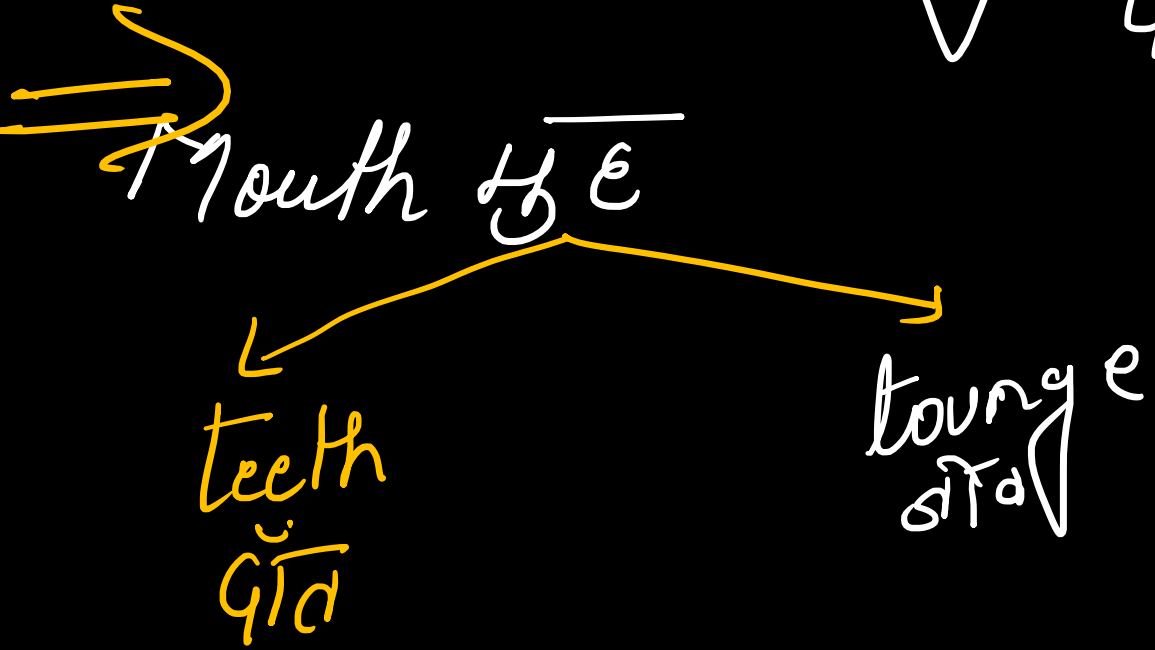
 छोटे आत
small intestine

(Q) Total food digest in small intestine
छोटे आत में खाने का पूर्ण पाचन होता है।

 बड़े आत
large intestine

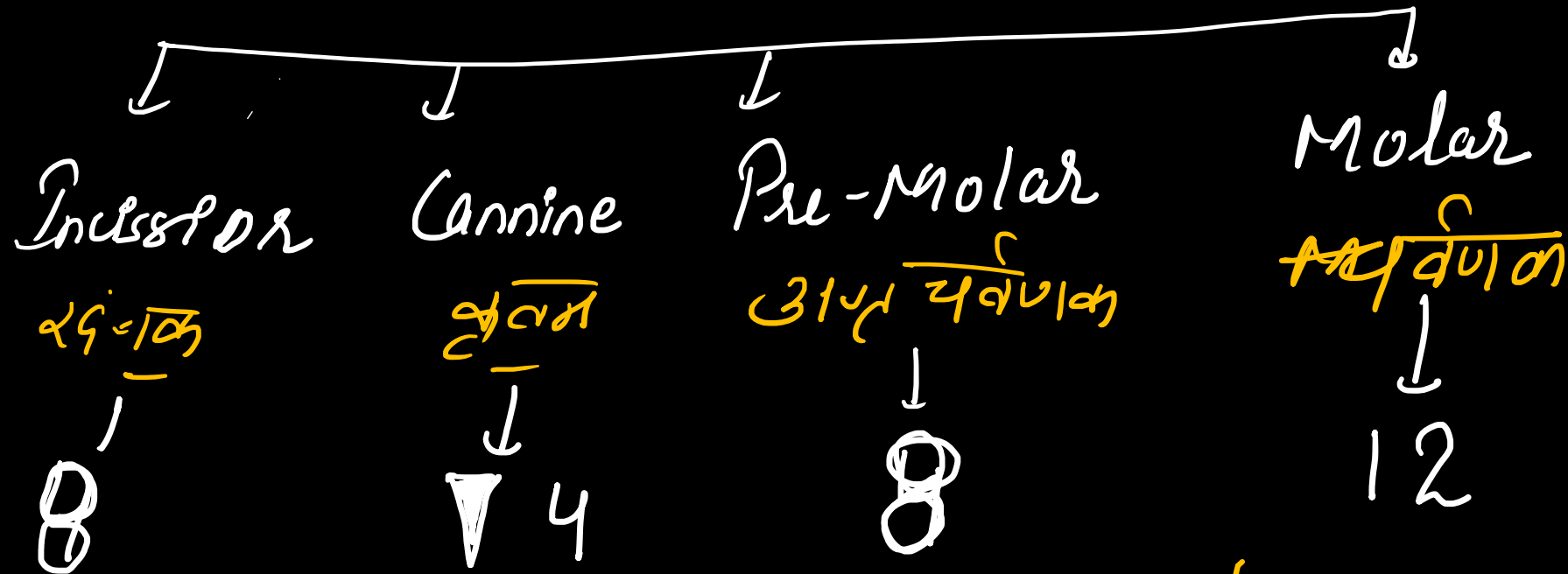
Digestive system

पाचन तंत्र



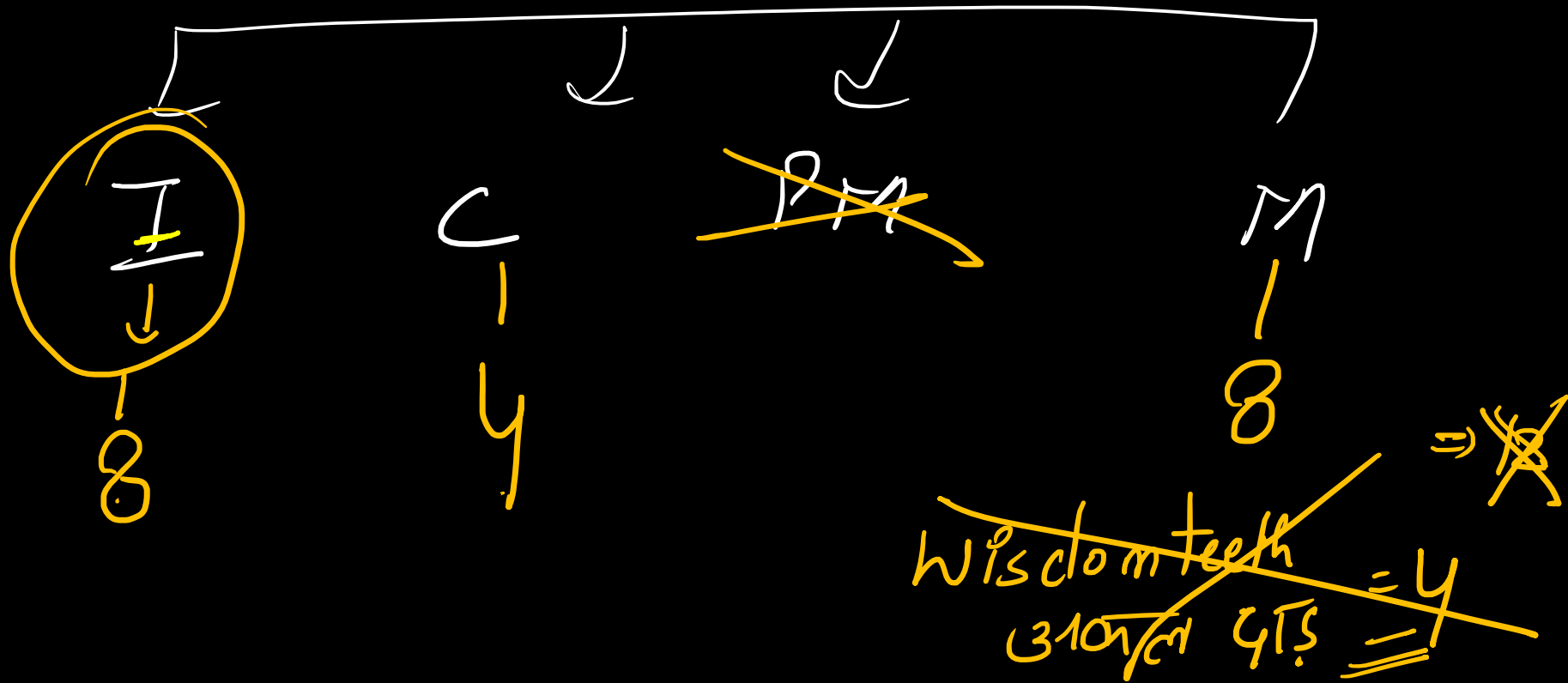
(i) teeth $\hat{\text{q}}\hat{\text{a}}\hat{\text{r}} \Rightarrow$

Total teeth $\hat{\text{y}}\hat{\text{u}}\hat{\text{i}} \hat{\text{q}}\hat{\text{a}}\hat{\text{r}} = 32$



अग्रवृत्त Wisdom Teeth $= 4 + 8 = 12$

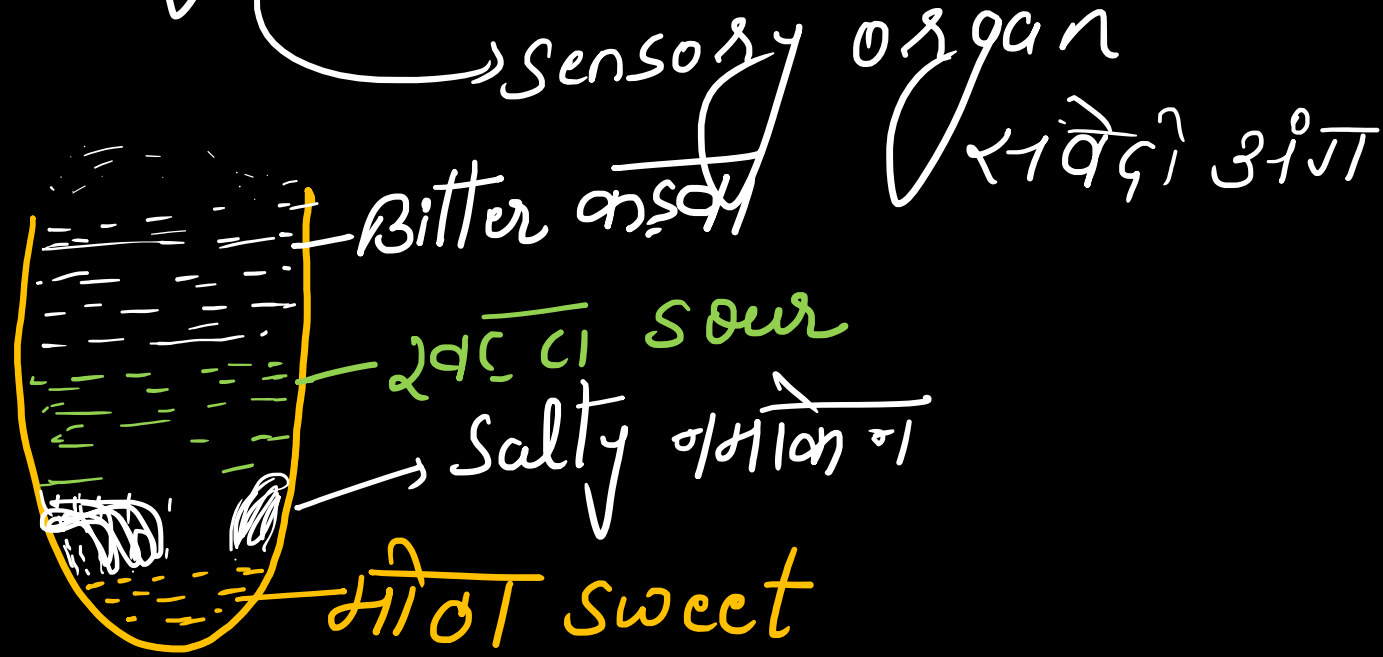
Milk teeth $\Rightarrow$ 20





(ii) Tongue जीवा

10 min Break



Work कार्य $\Rightarrow$ खाने में लार मिलाता है

Salivary gland लारिय ग्रंथि

↓
Saliva लार

← Water लार (95%)

→ enzyme (5%)

ptylene enzyme or salivary
Amylase

digestion पाचन

70% digest
पाचन

Carbohydrate $\xrightarrow[\text{ptyline}]{\text{enzyme}}$ glucose

Protein — X

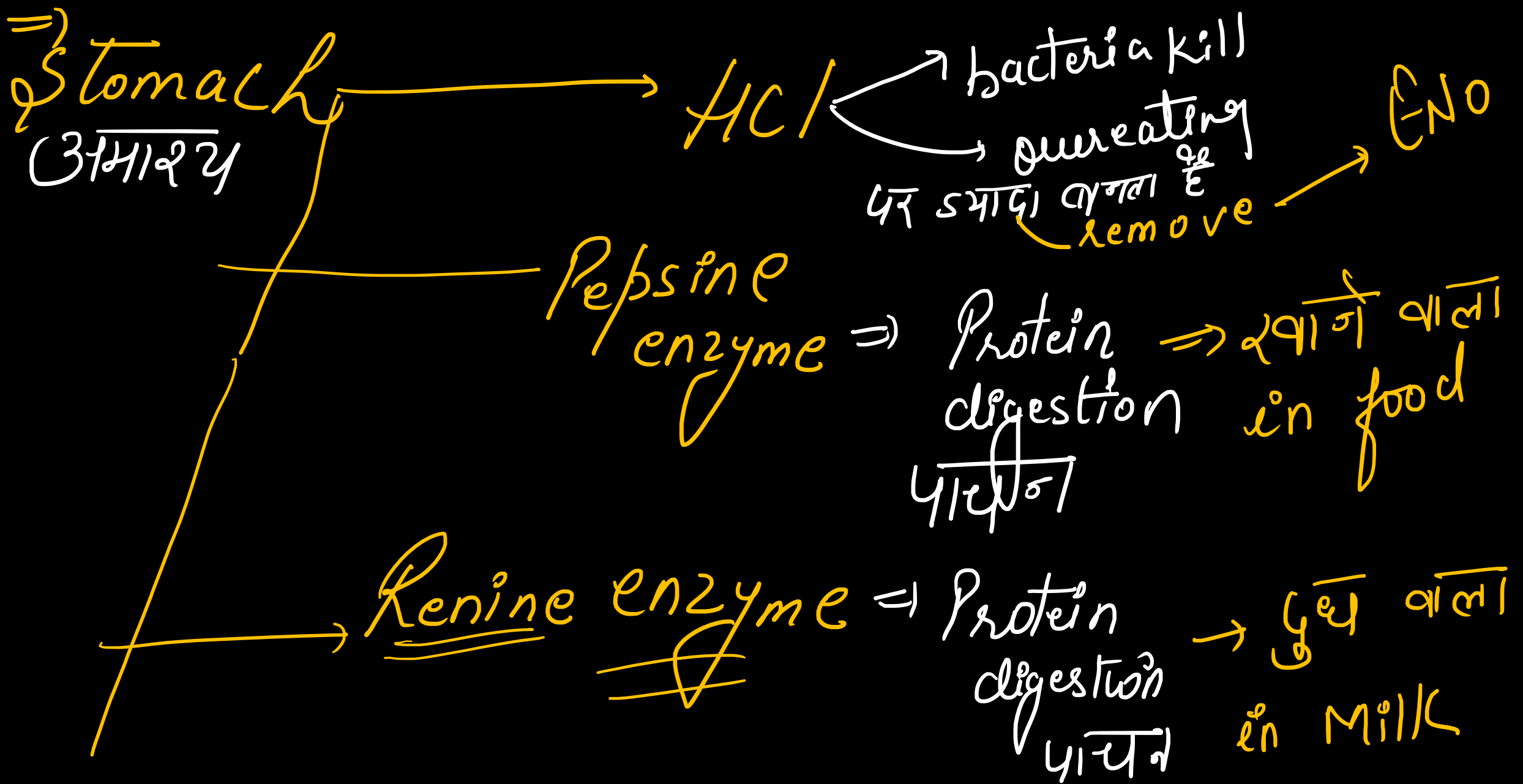
Fat — X

⇒  20cm or 25cm

Food pipe
Oesophagus
गोजय नालो

⇒ No digestion
कोई पाचन
नहीं

* Pass food from mouth to
Stomach मुँह से पेट तक
खाना पहुँचा है



ଅଧ୍ୟାୟ ୩୩ ୧୧

ପ୍ରୋଟିନ
Protein

~~enzyme~~
Pepsine

ଖାଦ୍ୟ
food
Peptone