

Structure + role

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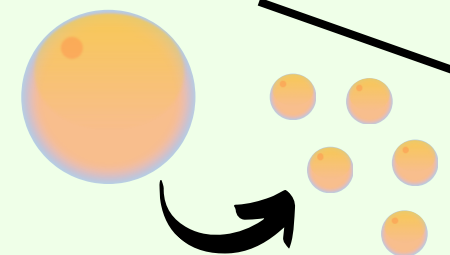
Structure + role

Structures + roles

Order food goes through digestive system:

- 1.-
- 2.-
- 3.-
- 4.-
- 5.-
- 6.-

Structure

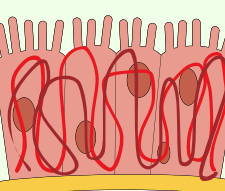


Mechanical digestion by _____ before swallowing food



Bile _____ fat into smaller droplets

Surface Area



Small intestine lining has _____ to increase absorption

Efficiency

Temperature

Core body temp: _____

Optimum enzyme temp: _____

Changes in pH

Optimum enzyme pH
Pepsin (stomach)
pH: _
Why?

Small intestine enzymes:
Acid or Alkaline?

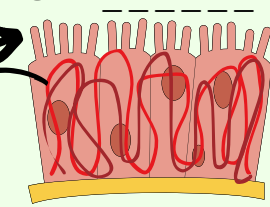
Production of _____ in the liver
Neutralises _____ acid to protect lining of the _____

Adaptations

_____ lines the stomach to stop damage to tissue from strong _____

Increases _____ area

Small intestine lining



Continuous _____ supply of villi

Maintains a _____ gradient for d_____ and a _____ t_____

DIGESTIVE SYSTEM

TOP MARKS
SCIENCE