

## Multiple Choice Question (MCQ) from Source Document

[BL-1: Remembering]

### Question 1:

What is the name of the enzyme in saliva that begins the digestion of starch?

*Options:*

- A) Salivary amylase
- B) Pepsin
- C) Lingual lipase
- D) Trypsin

### Correct Answer:

Salivary amylase

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### Question 2:

What is the small, round slurry mass of food called after it has been chewed and mixed with saliva?

*Options:*

- A) Chyme
- B) Bolus
- C) Zymogen
- D) Feces

### Correct Answer:

Bolus

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### Question 3:

Gastric juice in the stomach is primarily composed of which two substances?

*Options:*

- A) Amylase and mucus
- B) Bile and lipase
- C) Hydrochloric acid and pepsin
- D) Trypsin and chymotrypsin

### Correct Answer:

Hydrochloric acid and pepsin

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### Question 4:

What substance is secreted by the stomach to protect its wall from the damaging effects of its own chemicals?

*Options:*

- A) Bile
- B) Saliva
- C) Gastrin
- D) Mucus

**Correct Answer:**

Mucus

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**Question 5:**

What is the term for the waves of muscular contractions that move food through the digestive tract, such as down the esophagus and along the stomach wall?

*Options:*

- A) Peristalsis
- B) Mastication
- C) Hydrolysis
- D) Emulsification

**Correct Answer:**

Peristalsis

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**Question 6:**

What is the fourth and final stomach compartment in ruminants called?

*Options:*

- A) Reticulo-rumen
- B) Abomasum
- C) Gizzard
- D) Duodenum

**Correct Answer:**

Abomasum

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**Question 7:**

In an earthworm's digestive system, which part is used for the temporary storage of food?

*Options:*

- A) Gizzard
- B) Pharynx
- C) Crop
- D) Intestine

**Correct Answer:**

Crop

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**Question 8:**

According to the text, where are fats mainly digested in the human body?

*Options:*

- A) In the mouth
- B) In the stomach
- C) In the esophagus
- D) In the small intestine

**Correct Answer:**

In the small intestine

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**Question 9:**

What term refers to the physical breakdown of large pieces of food into smaller pieces?

*Options:*

- A) Mechanical digestion
- B) Chemical digestion
- C) Catabolism
- D) Absorption

**Correct Answer:**

Mechanical digestion

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**Question 10:**

Which phase of digestion is stimulated by the sight, thought, and smell of food?

*Options:*

- A) Gastric phase
- B) Cephalic phase
- C) Intestinal phase
- D) Excitatory phase

**Correct Answer:**

Cephalic phase

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**Question 11:**

According to the text, how long does the gastric phase of digestion typically take?

*Options:*

- A) 1 to 2 hours
- B) Less than an hour
- C) 3 to 4 hours
- D) 5 to 6 hours

**Correct Answer:**

3 to 4 hours

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**Question 12:**

Teeth are not made of bone, but are instead composed of tissues such as:

*Options:*

- A) Cartilage and keratin
- B) Muscle and lipids
- C) Villi and microvilli
- D) Enamel, dentine and cementum

**Correct Answer:**

Enamel, dentine and cementum

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**Question 13:**

What are the intestinal walls lined with to increase the surface area and improve the absorption of nutrients?

*Options:*

- A) Villi
- B) Cilia
- C) Flagella
- D) Gastrin cells

**Correct Answer:**

Villi

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**Question 14:**

What is the name of the enzyme that breaks down the disaccharide lactose into glucose and galactose?

*Options:*

- A) Amylase
- B) Lactase
- C) Pepsin
- D) Lipase

**Correct Answer:**

Lactase

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**Question 15:**

What is the general term for the inactive precursors of digestive enzymes, such as trypsinogen?

*Options:*

- A) Hormones
- B) Opines
- C) Zymogens
- D) Peptides

**Correct Answer:**

Zymogens

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**Question 16:**

Which enzyme, secreted by the stomach, is one of the three main enzymes that breaks down food proteins?

*Options:*

- A) Amylase
- B) Lipase
- C) Lactase
- D) Pepsin

**Correct Answer:**

Pepsin

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**Question 17:**

What is the term for the process where enzymes are secreted into the environment to break down organic material, as seen in most fungi?

*Options:*

- A) External digestion
- B) Internal digestion
- C) Coprophagia
- D) Peristalsis

**Correct Answer:**

External digestion

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**Question 18:**

In an earthworm's digestive system, what substance does the esophagus add to neutralize acids?

*Options:*

- A) Hydrochloric acid
- B) Calcium carbonate
- C) Mucus
- D) Enzymes

**Correct Answer:**

Calcium carbonate

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**Question 19:**

What is the name of the thick, semi-liquid, partially digested food that enters the duodenum from the stomach?

*Options:*

- A) Bolus
- B) Gastric juice
- C) Chyme
- D) Bile

**Correct Answer:**

Chyme

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**Question 20:**

What is the term for the behavior practiced by animals like rabbits and hamsters where they eat their own specialized feces to re-digest food?

*Options:*

- A) Mastication
- B) Rummination
- C) Peristalsis
- D) Coprophagia

**Correct Answer:**

Coprophagia