

Time Taken = 4 Minutes 32 Seconds
Score = 40/40

Udaan 2025

Biology

Life Processes

DHA - 03

- Q 1** Which of the following events in the mouth cavity will be affected if salivary amylase is absent in the saliva?
- (A) Starch breaking down into sugars.
(B) Proteins breaking down into amino acids.
(C) Absorption of vitamins.
(D) Fats breaking down into fatty acids and glycerol.

- Q 2** Which part of the alimentary canal absorbs the digested food?
- (A) Villi in Stomach
(B) Villi in Small intestine
(C) Pancreas
(D) Liver

- Q 3** The rhythmic contraction and relaxation of the walls of the food pipe is called
- (A) translocation (B) transpiration
(C) peristaltic movement (D) digestion

- Q 4** Which of the following enzymes are present in pancreatic juice?
- (A) Trypsin (B) Lipase
(C) Salivary amylase (D) Both A and B

- Q 5** Which digestive juice is secreted by stomach and what it contains?
- (A) Gastric juice- Pepsin, HCl, Mucous
(B) Pancreatic juice - Pepsin, salivary amylase, trypsin
(C) Gastric juice - Salivary amylase, trypsin, Mucous
(D) Pancreatic juice - Pepsin, salivary amylase, trypsin

- Q 6** The enzymes pepsin and trypsin are secreted respectively by
- (A) Stomach and pancreas
(B) Salivary gland and stomach
(C) Liver and pancreas
(D) Liver and salivary gland

- Q 7** Only two of the following statements accurately describe what happens in the mouth.
- (a) Amylase breaks down starch molecules into smaller maltose molecules.
(b) Chewing increase the surface area of food for digestion.
(c) Saliva emulsifies fats into smaller droplets.
(d) Teeth breakup large molecules into smaller molecules.
- Which statement are correct?
- (A) a and b (B) b and c
(C) c and d (D) a and d

- Q 8** Bile is stored in -
- (A) Liver (B) Small intestine
(C) Pancreas (D) Gall bladder

- Q 9** Villi present on the internal wall of intestine help in the
- (A) Emulsification of fats
(B) Breakdown of fats
(C) Absorption of digested food
(D) Digestion of proteins

- Q 10** Which of the following animal will have shortest small intestine?
- (A) Human (B) Goat
(C) Cow (D) Tiger

Answer Key

Q1 A
Q2 B
Q3 C
Q4 D
Q5 A

Q6 A
Q7 D
Q8 D
Q9 C
Q10 D



Hints & Solutions

Q 1 Text Solution:

Digestion of carbohydrates

Video Solution:



Q 2 Text Solution:

Finger like projections

Video Solution:



Q 3 Video Solution:



Q 4 Video Solution:



Q 5 Video Solution:



Q 6 Text Solution:

Pepsin helps in protein digestion, trypsin helps in carbohydrate digestion

Video Solution:



Q 7 Text Solution:

Salivary amylase and teeth in buccal cavity plays a major role in food digestion

Video Solution:



Q 8 Text Solution:

This organ is present below liver

Video Solution:



Q 9 Text Solution:

Food absorption

Video Solution:



Q 10 Text Solution:

Carnivores have short small intestine

Video Solution:



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