

ヒト生物学I 本試験 ⑥ 2007(H19). 7. 30

学籍番号 _____ 氏名 _____

Select the appropriate words from the word bank

1. The typical tissue layers of the wall of the digestive tract are mucosa, (1), muscularis, and serosa. submucosa
2. In small intestine, nutrients are absorbed into the vessels of a (2), which contains blood capillaries and a small lymphatic capillary. villus
3. The liver produces (3), which is stored in the gallbladder. bile
4. The digestive enzymes are hydrolytic enzymes, which break down substances by the introduction of (4) at specific bounds. coenzymes
5. The body requires three major classes of macronutrients in the diet: carbohydrate, protein, and (5).
6. Vitamins are organic compounds that the body uses for metabolic purposes but is unable to produce in adequate quantity. Many vitamins are portions of (6), which are enzyme helpers.
7. The (7) passage and food passage cross in the pharynx.
8. The gastric glands produce gastric juice. Gastric juice contains an enzyme called (8), plus HCl and mucous.
9. Pancreatic amylase digests (9), trypsin digests protein, and lipase digests fat.
10. The large intestine includes the cecum, the (10), the rectum, and the anal canal.

<Word bank>

bile submucosa air coenzymes fat starch colon water pepsin villus

解答欄

1. submucosa
2. villus
3. bile
4. water
5. fat
6. coenzymes
7. air
8. pepsin
9. starch
10. colon