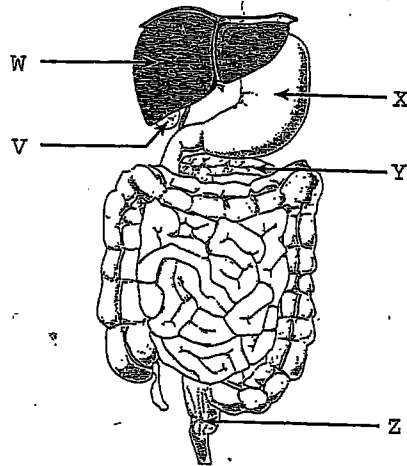
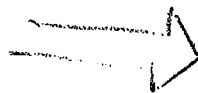


PRACTICE QUIZ:

Use the following diagram to answer the following question(s), 1. to 2.

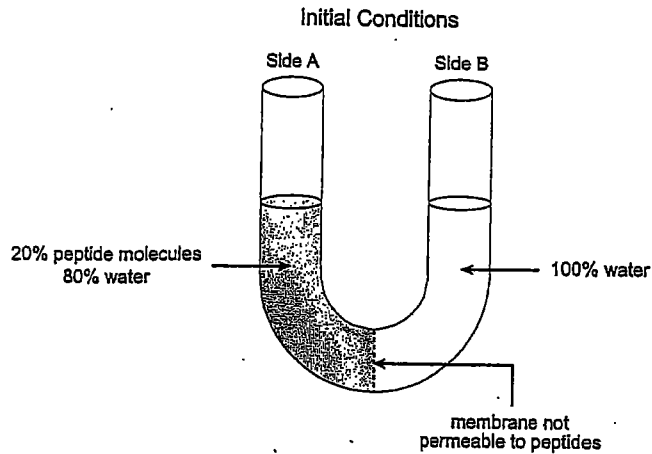


1. Which letter identifies the gall bladder?
A. V B. X C. Y D. Z
2. Which organ is involved in maintaining a constant level of glucose in the blood?
A. V B. W C. X D. Z



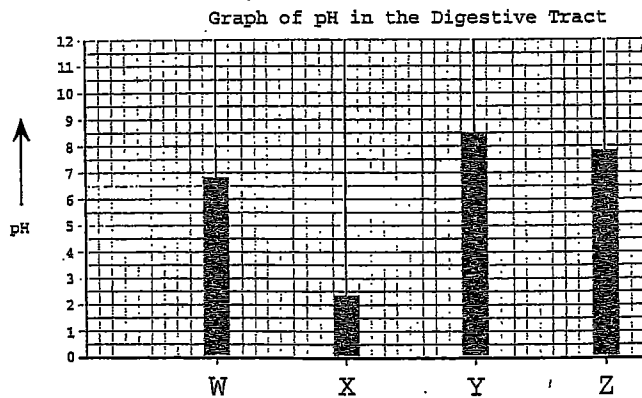
KEEP
GOING

3. If peptidase were added to side A, what would occur?



- A. Amino acids would be found on side A only.
- B. Amino acids would be found on side B only.
- C. Amino acids would be found on both sides A and B.
- D. No amino acids would be found on either side A or side B.

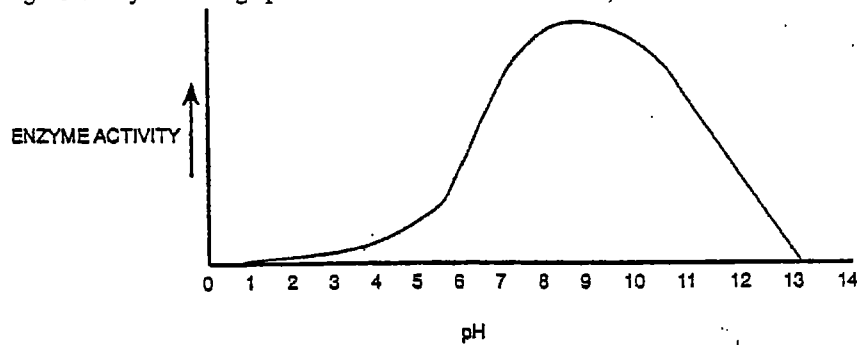
4. The pH of various areas within the digestive tract was taken and plotted on a graph as shown below. The reading labelled X was most likely obtained from the:



- A. mouth.
- B. stomach.
- C. large intestine.
- D. small intestine.

5.

The digestive enzyme in the graph would be most active in the:



- A. mouth.
- B. stomach.
- C. duodenum.
- D. esophagus.

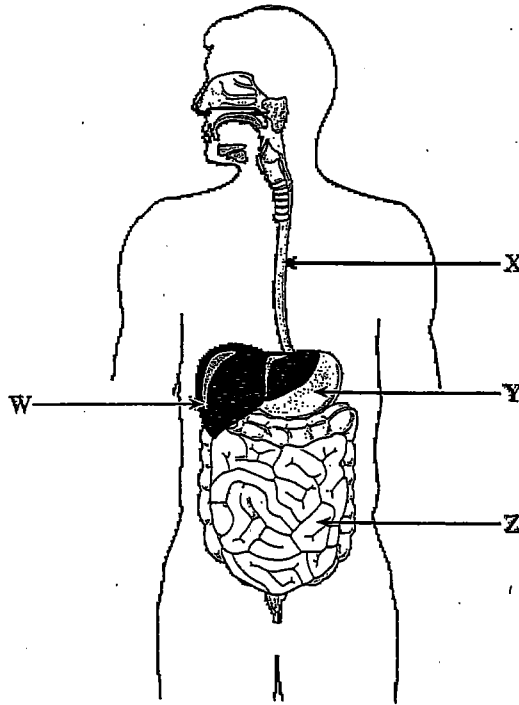
6

The function of bile is to:

- A. digest phospholipids.
- B. neutralize the pancreatic juices.
- C. make the duodenum more acid.
- D. increase the surface area of lipids.

7.

In which structure indicated would the following reaction occur? $\text{peptides} + \text{water} \rightarrow \text{amino acids}$



- A. W
- B. X
- C. Y
- D. Z

8.

The breakdown of maltose to glucose occurs in the:

- A. mouth.
- B. stomach.
- C. esophagus.
- D. small intestine.

9.

What would occur if sodium bicarbonate ions were removed from pancreatic juice?

- A. Decreased amounts of bile would be released.
- B. Increased H_2O absorption would occur in the colon.
- C. The cells lining the small intestine would be damaged.
- D. Digestion of nutrients in the small intestine would increase.

10.

The following test tubes were set up to measure the effect of temperature and pH on salivary amylase.

Test Tube	Contents	Temperature	pH
1	2 ml starch & salivary amylase	10° C	6
2	1 ml starch & salivary amylase	20° C	9
3	2 ml starch & salivary amylase	60° C	7
4	1 ml starch & salivary amylase	37° C	3

Which test tube will eventually contain the highest concentration of sugar?

- A. 1
- B. 2
- C. 3
- D. 4