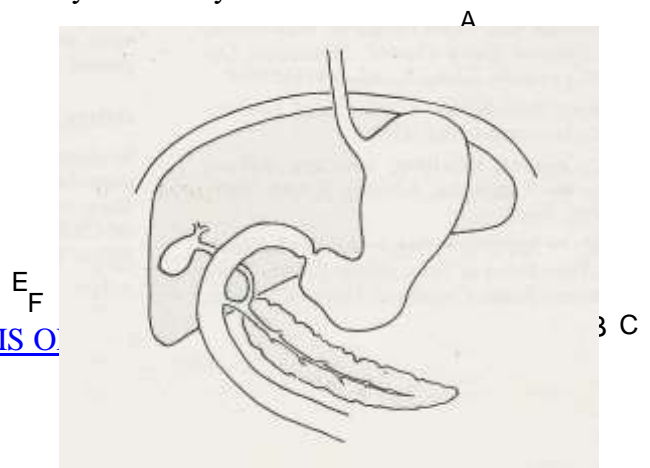


11 Digestion

- 1 Which one of the following structures is not part of the alimentary canal?
(a) duodenum (c) liver
(b) mouth (d) stomach:
- 2 Name two digestive glands.
- 3 What name is given to the muscular contraction which moves food along the alimentary canal?
- 4 What do digestive enzymes do to food?
- 5 What are the final digestion products of (a) protein, (b) fat, (c) starch?
- 6 How does chewing food help to speed up digestion?
- 7 Name the enzyme present in saliva and say what type of food it acts on.
- 8 Are the contents of the stomach (a) acid, (b) alkaline, (c) neutral?
- 9 What class of food is partially digested in the stomach?
- 10 What is the name of the enzyme in gastric juice?
- 11 What types of enzymes are produced by the pancreas?
- 12 Into which part of the alimentary canal does the pancreas secrete pancreatic juice?
- 13 What is the function of bile in digestion?
- 14 State three ways in which the absorbing surface of the small intestine is increased.
- 15 Into what body fluids do (a) glucose, (b) fatty acids, glycerol (c) amino acids pass?
- 16 Fill in the missing words..
The blood from the intestine goes first to the before entering the general circulation. If the glucose concentration in the blood is above a certain level, it is changed to and stored. Glucose which passes into the general circulation is taken up by the body cells and used to provide
- If there are excess amino acids in the blood from the intestine, the liver converts them to which is stored, and which is excreted by the kidneys..
- 17 What does the liver do to (a) hormones, (b) alcohol, (c) vitamin A?
- 18 Name the structures labelled A to I.



G

H

D

I