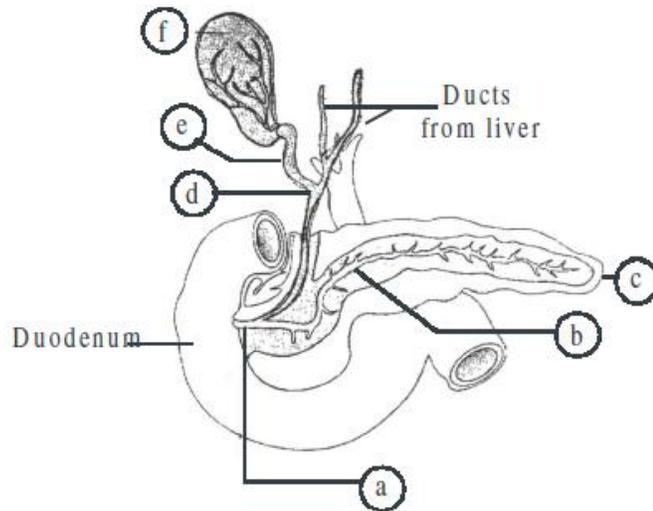


**INDIAN SCHOOL MUSCAT**  
**DEPARTMENT OF BIOLOGY**  
**CHAPTER 16. DIGESTION AND ABSORPTION**  
**EXTRA WORKSHEET -1**

.....

1. What do you mean by the term malnutrition ?
2. Name the hardest substance in the body.
3. What is a lacteal ?
4. Name the small projections, found on the upper surface of tongue.
5. Mention the function of epiglottis.
6. Write the names of major parts of stomach.
7. Name the enzyme that digest fats. Mention the end products of fat digestion.
8. In which part of alimentary canal does absorption of water, simple sugars and alcohol takes place ?
9. Why are proteases generally released in inactive form ?
10. Trypsinogen is an inactive enzyme of pancreatic juice. An enzyme, enterokinase, activates it. Which tissue/cell secrete the enzyme ? How is it activated?
11. What is emulsification ? Where and how does it occur ?
12. Name three parts of large intestine. Which vestigial organ arises from the first part of it ?
13. Name the gland which perform/acts as exocrine and endocrine. Also name the products which are secreted by it.
14. The wall of alimentary canal is made up of four layers. Give the names of these four layers.
15. In which part of the digestive enzyme system me, the absorption of following substances takes place ?  
(a) Certain drugs (b) Glucose, fructose and fatty acids  
(c) Water, some minerals and drugs (d) Simple sugar and alcohol
16. In the following diagram of duct system of liver, gall bladder and pancreas, label *a, b, c, d, e* and *f*:



**18.** Draw the sketch of anatomical regions of human stomach and label any four parts in it.

**19.** Draw a labelled figure of digestive system of human.

**20.** Give a summary of cause and symptoms of following disorders of digestive system :

(a) Jaundice (b) Vomiting

(c) Diarrhoea (d) Constipation

(e) Indigestion