

**CLASS XI**  
**DIGESTION AND ABSORPTION**  
**Assignment**

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1. Define digestion.
  2. Why do you refer to human teeth as:
    - a) Thecodont
    - b) Heterodont
    - c) Diphyodont
  3. Give the dental formula of
    - a) Human adult
    - b) Human milk teeth
  4. Draw a neat labeled diagram showing the anatomy of wall layers of alimentary canal. Also mention the names of different layers.
  5. Name the salivary glands.
  6. What are villi? Write their function.
  7. Draw neat labeled diagrams of the following:
    - a) Section of small intestinal mucosa showing villi.
    - b) The duct systems of liver, gall bladder and pancreas.
  8. Pancreas is known as heterogenous gland. Give reason.
  9. Differentiate between 'bolus' and 'chyme'.
  10. Bile does not contain any enzyme. Still it is important for digestion. Justify.
  11. Describe the process of starch digestion in the alimentary canal.
  12. Harsh took bread and butter for his breakfast. Explain the course of digestion of butter in his digestive system. Also mention the enzymes involved.
  13. Make a table showing different enzymes involved in protein digestion, their site of secretion and function
  14. List the functions of large intestine.
  15. Briefly describe two disorders associated with digestive system.
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