

CLASS XI SUBJECT : BIOLOGY DIGESTION & ABSORPTION

ASSIGNMENT NO. 8

- Q1. What are the major nutrients of our food?
- Q2. Give functions of food.
- Q3. List few points of digestive system.
- Q4. Draw labeled diagram of human digestive system & describe various parts of the alimentary canal.
- Q5. With help of labeled diagrams of:- (a) T.S. of Alimentary Canal (stomach) (b) T.S. of Alimentary Canal (Intestinal region) (c) Villi Describe the histology of alimentary canal.
- Q6. Write dental formula of man.
- Q7. What are the functions of premolars, molars, incisors & canines in human?
- Q8. What do you understand by terms heterodont, diphyodont.
- Q9 (a) How many pairs of salivary glands are present in man? (b) What is the composition of saliva?
- Q10(a) Name a digestive gland which also produce hormones.
- (b) Name the hormones secreted by exocrine part of pancreas.
- (c) What is sphincter of oddi? Give its function.
- Q11(a) Name the largest gland of our body ? (b) What is Glisson's capsule?
- (c) Draw a labeled diagram showing system of ducts opening into duodenum.
- Q12(a) Where are gastric glands present ?
- (b) Name 3 major types of gland cells in gastric mucosa.
- Q13. Where crypts of Lieberkuhn & Brunner's gland located & what are their role in digestion?
- Q14. How does the major nutrient present in chapattis eaten by you gets digested & finally absorbed in alimentary canal?
- Q15. Name enzymes for protein digestion in gastric, pancreatic & intestinal juices, their substrates & products of their action.
- Q16. How does fats in your food get digested & absorbed in the body? Explain in detail.
- Q17. Describe the process of absorption in the small intestine.
- Q18. Explain role of large intestine.
- Q19. Describe the major disorders of human digestive system.
- Q20. How is our gut lining protected from its own secretions of proteases?