

VERY SHORT ANSWER Type Questions

| 1 Mark |

1. Mention the role of mucus present in our saliva.
2. Name the chemical substance which changes pepsinogen into its active form.
3. What type of medium with regard to pH is required for the activity of trypsin?
4. Name the bile pigments.

SHORT ANSWER Type I Questions

| 2 Marks |

5. Enumerate the chemical digestion of food in mouth.
6. Give any two functions of HCl of the gastric juice.
7. Explain the digestion of fats in man.
8. Which part of the bile juice is useful in digestion? Explain.
9. Complete the following equation
 - (i) Maltose $\xrightarrow{?}$ Glucose + Glucose
 - (ii) Nucleotides $\xrightarrow{\text{Nucleotidases}}$? $\xrightarrow{\text{Nucleosides}}$ Sugars+Base

SHORT ANSWER Type II Questions

| 3 Marks |

10. (i) What provides alkaline pH in small intestine?
(ii) How does intestinal juice contribute in the digestion of proteins.
11. Which hormone stimulates gall bladder to release the bile juice. How do this juice reach the duodenum? Explain the function of bile in fat digestion.

LONG ANSWER Type Questions

| 5 Marks |

12. Explain the process of digestion of food in mouth, stomach and small intestine.
13. What is meant by digestion and briefly describe the process of digestion of food in small intestine of man?
14. Explain in detail about the digestion of carbohydrates.
15. What is the function of large intestine in digestion of food?