

Class: 11
Subject: Biology
Topic: Digestion and absorption
No. of Questions: 25

- Q1. What are enzymes?
- Q2. What is the main function of the villi and microvilli?
- Q3. How is ingested fat absorbed in the body?
- Q4. What is egestion?
- Q5. Name the enzyme secreted by the salivary glands of man.
- Q6. What is the function of teeth?
- Q7. You have eaten boiled rice for lunch. Make a list of enzymes that will act upon the rice and the changes it will undergo before being absorbed in the small intestine.
- Q8. Where the taste buds are located?
- Q9. Name the source of trypsin and the food constituent, which this enzyme hydrolyses.
- Q10. What is meant by digestion? Briefly describe the process of digestion of food in the small intestine of man.
- Q11. Where gastric juice is found?
- Q12. What is intracellular digestion?

- Q13. How does coagulation of milk in the alimentary canal take place?
- Q14. Write the role of bile salts in the digestion and absorption of fats.
- Q15. Which is the largest gland of the body?
- Q16. Differentiate between the large intestine and small intestine.
- Q17. Can man digest cellulose?
- Q18. What are micelles?
- Q19. How would it affect the digestion of proteins and carbohydrates in the duodenum of a man, if there is a blockade in the pancreatic duct? Explain.
- Q20. What are the digestive fluids added to the food in the duodenum? What is their action?
- Q21. How would non-secretion of saliva affect digestion of food in the mouth?
- Q22. The wall of the alimentary canal has a thick layer of muscles. What is their function?
- Q23. How would non-secretion of hydrochloric acid in our stomach affect food digestion? Explain.
- Q24. Name any two proteases in the pancreatic juice. What are their specific roles?
- Q25. Name the cells that secrete mucus. What are the functions of mucus?