

## Organs of the digestive system part 2 + Enzymes

### Answers

1. Mechanically, fat
2. Cholesterol
3. Acini, duodenum, pancreatic duct
4. pH
5. Duodenum
6. Ileum
7. Villi and microvilli
8. Simple columnar
9. Lacteal or lymphatic vessel
10. Bacteria (microflora), water and ions, feces
11. K, biotin
12. Fibre
13. Minerals, carcinogens
14. Feces:
  - a. Fibre
  - b. Dead cells
  - c. Bacteria
15. Probiotic foods – yogurt, sauerkraut, kombucha, kimchi
16. Matching
  - a. Fatty acids
  - b. Monosaccharides
  - c. Amino acids
  - d. Nucleotides
17. Glucose and fructose
18. Hydrolysis
19. Enzymes
20. Matching
  - a. Amylase
  - b. proteases
  - c. Lipase
  - d. Trypsin and chymotrypsin
  - e. Pepsin
  - f. Ribonuclease
  - g. Lactase
  - h. Sucrase
21. Only protein
22. Pepsinogen
23. Fats