BIOLOGY

UNIT 2

BIOCHEMISTRY

STUDY GUIDE

1. What is an organic molecule?
2. What is a polar compound?
3. Why does water have strong surface tension?
4. How many bonds can carbon form?
5. What shapes can carbon form?
6. What a monomer?
7. What is a polymer?
8. What is the basic formula for a carbohydrate?
9. What is a monosaccharide?
10. What is a disaccharide? What is a polysaccharide?
11. Name two monosaccharides.
12. Name and describe two disaccharides.
13. Name and describe three polysaccharides.
14. What is dehydrate synthesis?
15. Name three lipids.
16. Why are lipids important for cell membranes?
17. What are the monomers of lipids?
18. What are the two parts and their characteristics of a fatty acid?
19. What are the three major types of lipds?
20. What are the two types of triglycerides?
21. What are waxes?
22. What are the building blocks of proteins?
23. What are the monomers of proteins?
24. How many different amino acids are there?
25. How do amino acids bond together?
26. What is a polypeptide?
27. What are enzymes?
28. What do nucleic acids do for the cell?
29. What are the two types of nucleic acids?