

- c. acids
 - d. carbon dioxide
18. Which of the following combined elements formed chemical compounds in living things?
- a. sulfur, phosphorous, carbon, oxygen
 - b. carbon, sodium, chlorine, oxygen
 - c. carbon, hydrogen, oxygen, nitrogen
 - d. carbon, hydrogen, phosphorous, nitrogen
19. This element is present in protein and nucleic acids but not in carbohydrates and lipids.
- a. carbon
 - b. oxygen
 - c. nitrogen
 - d. hydrogen
20. The following are lipids except
- a. wax
 - b. chitin
 - c. steroids
 - d. fat
21. Amino acids have similar chemical structure and differ only in the
- a. R group
 - b. amino acid
 - c. peptide group
 - d. carboxyl group
22. Organic compounds are
- a. made by non-living things
 - b. hydrophobic
 - c. not important to life
 - d. found within the living organisms
23. Saturated fatty acids are
- a. liquid at room temperature
 - b. gas at room temperature
 - c. good cholesterol
 - d. solid at room temperature
24. Which of the following is a constituent of bile acids and a precursor of Vitamin D?
- a. cholesterol
 - b. steroid
 - c. cerebroside
 - d. ergosterol
25. The blood pH is 7.4, it is slightly
- a. liquid
 - b. watery
 - c. acidic
 - d. basic
26. The stored form of carbohydrate is

Answer key

1. B
2. B
3. D
4. D
5. A
6. D
7. B
8. C
9. D
10. C
11. A
12. B
13. D
14. A
15. C
16. C
17. A
18. C
19. C
20. B
21. A
22. D
23. A
24. A
25. D
26. D
27. B
28. D
29. A
30. C
31. A
32. C
33. B
34. D
35. A
36. B
37. B
38. C
39. A
40. C
41. A
42. B
43. D
44. A
45. B

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