

Name: _____

ID: A

- _____ 13. Which of the following is not contained in a nucleic acid?
- a. simple sugar
 - b. nitrogen-containing base
 - c. carbonate group
 - d. phosphate group
- _____ 14. Which of the following vitamins is most likely to be removed from a food by boiling the food?
- a. vitamin C
 - b. All will be removed.
 - c. vitamin D
 - d. vitamin A
- _____ 15. _____ often results in the loss of biological activity of polypeptides.
- a. Denaturation
 - b. Enzyme action
 - c. Peptide bonding
 - d. Substrating
- _____ 16. Antibodies that fight disease organisms are _____.
- a. enzymes
 - b. carbohydrates
 - c. lipids
 - d. proteins
- _____ 17. Energy-storage molecules that contain three phosphate groups are called _____.
- a. RNA
 - b. DNA
 - c. ATP
 - d. ADP
- _____ 18. Which of the following elements is not essential in the makeup of body cells?
- a. oxygen
 - b. magnesium
 - c. carbon
 - d. nitrogen
- _____ 19. The oxidation of fuel that releases energy needed by cells is _____.
- a. metabolism
 - b. digestion
 - c. glycolysis
 - d. respiration
- _____ 20. Cells sometimes generate energy in the absence of oxygen in a process called _____.
- a. glycolysis
 - b. fermentation
 - c. digestion
 - d. respiration
- _____ 21. The wax applied to the paint of a car is an example of a _____.
- a. protein
 - b. steroid
 - c. lipid
 - d. carbohydrate
- _____ 22. Carbon dioxide is a product of _____.
- a. evaporation
 - b. digestion
 - c. alcoholic fermentation
 - d. lactic acid fermentation

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