

21. What is the function of nucleic acids in living things?

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22. What are two kinds of nucleic acids?

a.

b.

Proteins (pages 47-48)

23. Proteins contain what kinds of atoms?

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24. Proteins are polymers of molecules called

25. What are four roles that proteins play in living things?

a.

b.

c.

d.

Name _____ Class _____ Date _____

Enzymes (pages 51-52)

8. What is a catalyst?

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9. Proteins that act as biological catalysts are called

10. What do enzymes do?

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11. From what is part of an enzyme's name usually derived?

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Enzyme Action (pages 52-53)

12. The reactants of enzyme-catalyzed reactions are known as

13. Why are the active site and the substrates in an enzyme-catalyzed reaction often compared to a lock and key?

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14. The binding together of an enzyme and a substrate forms a(an)

15. How do most cells regulate the activity of enzymes?

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