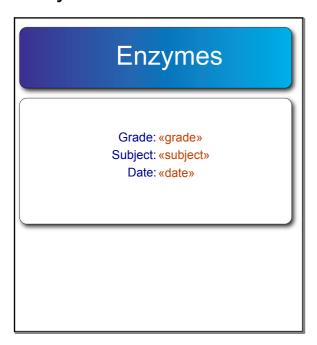
Enzymes



- 1 Which characteristics allows enzymes to function in a specific way?
 - A Enzymes are complex structures composed of starch
 - **B** Each enzyme has a characteristic shape.
 - C Enzymes are long, complex fats.
 - D Each enzyme is made of only four subunits.
- 2 Which of the following is a protein?
 - A sucrase
 - B sucrose
 - C triglyceride
 - D maltose
- 3 Without enzymes, the chemical reactions in the body would
 - A happen too fast.
 - B occur at much the same rate as they do with enzymes.
 - C require a different pH.
 - D occur too slowly to support life processes.
- 4 Which of the following is the substrate in this reactions?
 - A carbohydrate
 - B protein
 - C lipid
 - D nucleic acid

	A A B B C C D D
6	Why does the reaction plateau? A the enzymes are all used up B there is no substrates left C the enzymes are working as fast as they can D the substrate concentration is constant
7	Which enzyme located in a thermal Archaebacteria? A A B B C C D D
8	Which of the following is most likely found in a highly acidic deep thermal vent? A A B B C C D D
9	What is the purpose of an active site? A it is where the substrate permanently bonds to the enzyme B it is where the substrate temporarily bonds to the enzyme C it is where the energy is removed D it is broken after the reaction
10	When you add lemon to your tea and milk, it curls because the protein is A added B removed C broken down D denatured

5 Which enzyme is most likely to survive into late fall and early winter?

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