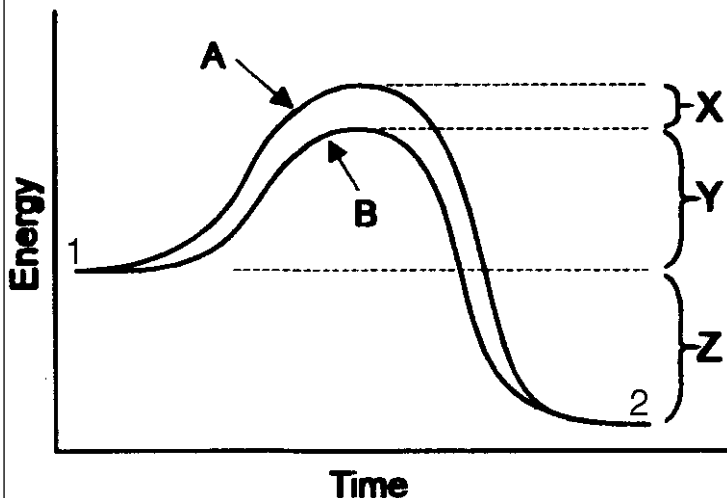
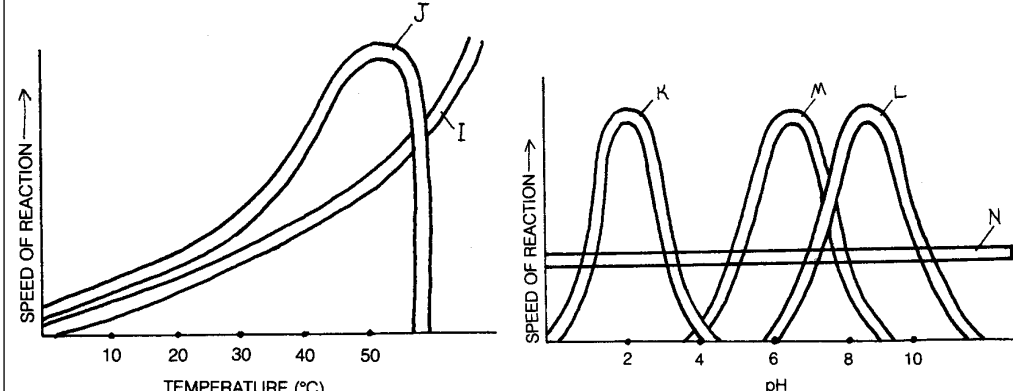


PCB BIO 4 ASSIGNMENT SHEET 7: October 5-8, 2009
 Reading, Preparation, Study Questions, Practice Essays, Labs.

ASSIGNMENT	DESCRIPTION
<p>Monday</p>	<p>Enzymes are really important to life. Are you a life form? The answer is yes, and that means that you have enzymes. You have a lot of enzymes. There are enzymes working right now in your eye so you can read this. And enzymes in your blood, and brain cells too. There are enzymes in all of your cells. This is not a joke.</p> <p>Enzymes are usually proteins (but sometimes RNA called ribozymes) that work by lowering the activation energy of a reaction. Thank you for reading this, now do the homework if you want to do the best on the test (that rhymed). The exam will be Tuesday October 13, 2009 and it will be on cells, enzymes, energy, and membranes. Boom tho.</p> <p>Homework:</p> <ol style="list-style-type: none"> 1. What's happening in this diagram? Explain all letters and numbers.  <ol style="list-style-type: none"> 2. Why are enzymes highly specific? 3. What's happening in the diagrams below this table (two graphs)? 4. What are some of the mechanisms by which enzymes actually work? 5. What's a cofactor? What makes a cofactor a coenzyme? 5. Review: competitive v. non-competitive inhibition. 6. Review: positive v. negative allosteric regulation. 7. Review: active site, induced fit, denaturation.
<p>Tuesday</p>	<p>What is going on herrrrre? What is happing in each of the graphs given that there are enzymes involved in the reactions.</p> 
<p>Wednesday</p>	<p>Make a review guide for the exam which is next Tuesday. Study.</p>
<p>Thursday</p>	<p>Study.</p>
<p>Friday</p>	<p>No school - Study.</p>