Name:

Activity 7.5 Postlab Focus Questions

Use whatever sources of information at your disposal to answer the questions. However, all answers must be in your own words. Position the cursor below each question, and your answer should automatically appear in red type. If it does not, then make your answers (but not the questions) red. Add as much space as necessary for each answer. Save the completed document as Activity7.5YourSurname.docx (with no spaces), replacing YourSurname with your own last name. For example, Dizzy Gillespie's document would be named Activity7.5Gillespie.docx. If you name your document incorrectly, you will lose points. Remember where you save the document, so you can find it when you need to upload it.

1. Why do chemical reactions usually occur faster at higher temperatures?

Answer:

2. Why do most enzymatic reactions slow down at very high temperatures?

Answer:

3. How does the initial rate of reaction of the kit enzyme compare with that of the mushroom extract? (You’ll have to follow the instructions listed in Step 2 on page 260 of your textbook to answer this.) What conclusions can you draw from your results?

Answer:

4. Suggest another experiment to further characterize the cellobiase enzymes in the mushroom extract.

Answer: