**CHAPTER 8: CELLULAR ENERGY RFC #3B**

\* Read the following questions, **THEN** read from Chapter 8 p. 231-233 BEGIN @ ANAEROBIC RESPIRATION, **THEN** answer the following questions on your own paper in complete sentences. ***ANSWERS ARE NOT IN ORDER, YOU MUST READ FIRST!***

1. When do muscle cells build up lactic acid AND what are the effects?
2. Where does alcohol fermentation occur?
3. Where does fermentation take place in the cell?
4. Complete 1-3 under think critically for the Data Analysis Lab 1 on p. 232.
5. During alcohol fermentation what is glycolysis converted to? (hint: there are 2)
6. Some prokaryotic cells are anaerobic and therefore grow and reproduce without the help of what?
7. What is glycolysis converted to in lactic acid fermentation?
8. What is regenerated during fermentation (lactic acid or alcohol)?
9. The production of some foods such as cheese, yogurt, and sour cream is made possible by what?
10. What follows glycolysis in anaerobic respiration?
11. What is the problem with organisms only relying on glycolysis for ATP?
12. What is the purpose of fermentation?
13. TYPE II: Explain figure 16 on page 233 to a new student starting with sunlight being absorbed. **YOU MUST USE ALL THE WORDS IN THE DIAGRAM AT BARE MINIMUM, UNDERLINE THEM WHEN USED.**

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