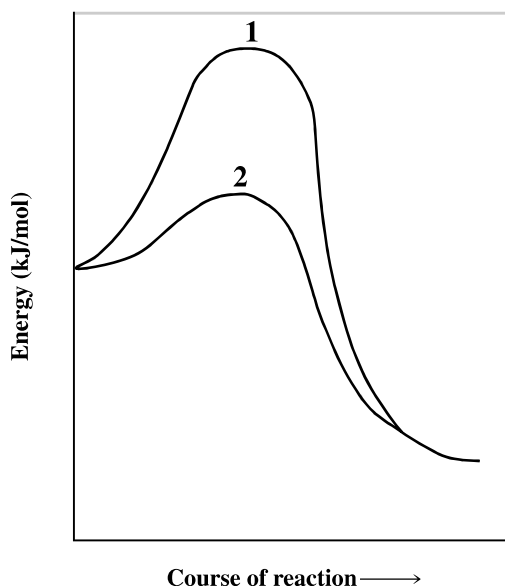


**CHAPTER 17 REVIEW***Reaction Kinetics***SECTION 2**

**SHORT ANSWER** Answer the following questions in the space provided.

1. Below is an energy diagram for a particular process. One curve represents the energy profile for the uncatalyzed reaction, and the other curve represents the energy profile for the catalyzed reaction.



- \_\_\_\_\_ a. Which curve has the greater activation energy?
- (a) curve 1  
(b) curve 2  
(c) Both are equal.
- \_\_\_\_\_ b. Which curve has the greater energy change,  $\Delta E$ ?
- (a) curve 1  
(b) curve 2  
(c) Both are equal.
- \_\_\_\_\_ c. Which curve represents the catalyzed process?
- (a) curve 1  
(b) curve 2
- d. Explain your answer to part c.

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