Which of the following most accurately describes how temperature affects enzyme activity?

A  The greater the temperature, the greater the enzyme activity.
B  The lower the temperature, the greater the enzyme activity.
C  Enzyme activity increases with temperature, but only up to a point.
D  Enzyme activity decreases with temperature, but only down to a point.

An increase in temperature increases the rate of a reaction by increasing the frequency of collisions between enzymes and reactant molecules. However, above a certain temperature, the hydrogen bonds that give the enzyme its distinctive shape begin to break and enzyme activity drops off.

Answer C.