# Biology

## *Enzymes Assignment*

**Instruction:** Fill in the blank with the missing words.

Enzymes are biological _____, which _____ the rate of a chemical _____ without being _____ up. The substance that an enzyme works on is called the _____. Enzymes are _____ in that they can only work in one type of reaction. Enzymes are _____ by high temperatures ABOVE _____ °C because it changes the _____ of the _____. Enzymes are never used up in a reaction. They are _____, as soon as one reaction is over it is used again for another reaction. The enzyme that breaks down starch cannot breakdown proteins. This is because enzymes are _____ in their chemical reactions. Enzymes are made up of _____, which are soluble in _____. Enzymes in the _____ only work in an acidic environment. This is because enzymes are specific in _____. Concentration _____ enzyme activity to a point and after that the rate of reaction will no longer be affected by increasing the concentration.

**Instruction:** Answer the following questions in the spaces provided.

1. Name the theory that that explains how enzymes work. [1]

   _____

2. Explain this theory of how enzymes work. [2]

   _____

   _____

   _____

LIVEWORKSHEETS