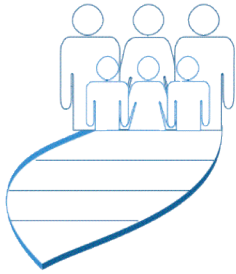


Name: _____ Date: _____ Period: _____

QUIZ ON ENZYMES AND DIGESTION

Life Sciences/HHMI

OutReach
PROGRAM



Directions: Use the words in the word bank to complete each statement.

Word Bank:

Changed || Denaturing || Function || Proteins || Repeatedly || Shape || Specific || Temperatures

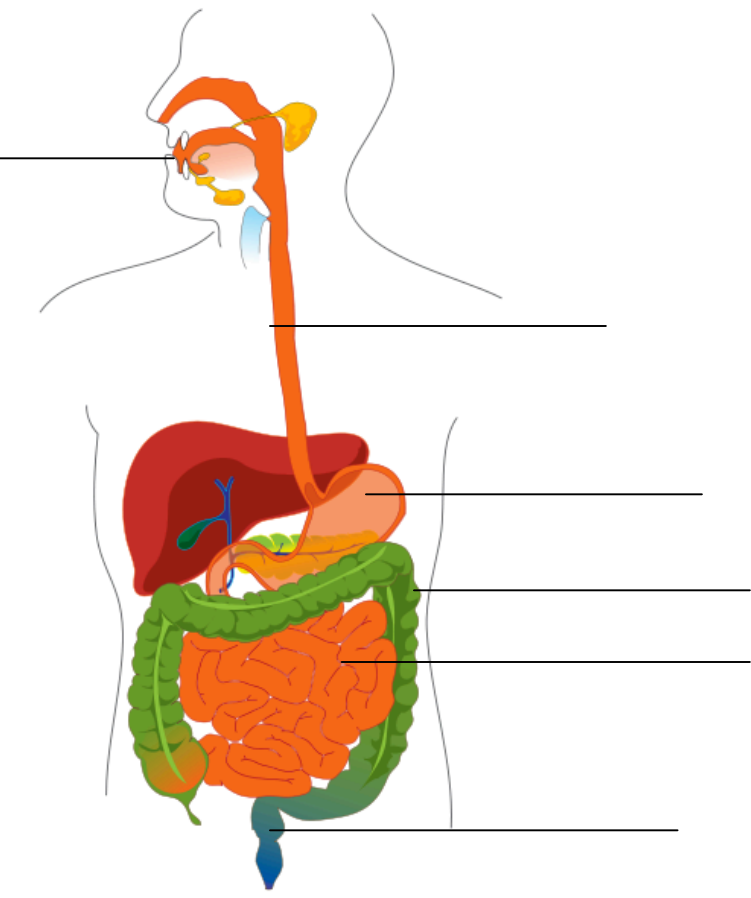
1. Enzymes are _____ that help speed up chemical reactions in the body.
2. Enzymes are very _____ in their functions.
3. Enzymes are not _____ when they perform their function.
4. Some enzymes may even be used _____ on the same set of small molecules to build a long chain of repeating subunits.
5. As with all proteins, the _____ of an enzyme is what determines its function.
6. An organism has the ability to make many different enzymes, and each enzyme has one particular _____.
7. Sometimes, high _____ or extreme pH values may affect the shape of an enzyme molecule.
8. This process, called _____, will also make the enzyme less effective, possibly even useless.
9. How do digestive enzymes help us to digest our food? Give a specific example. Answer in complete sentences. (Hint: macromolecule, subunit)

Name: _____ Date: _____ Period: _____
QUIZ ON ENZYMES AND DIGESTION

Directions: Label the picture.

Word Bank

- Esophagus
- Large Intestine
- Mouth
- Rectum
- Small Intestine
- Stomach



http://commons.wikimedia.org/wiki/File:Digestive_system_whitout_labels.svg