

Homework Biology for O-I

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UNIT No. 3: ENZYMES

Contents:

1. Enzyme action
2. Effects of temperature and pH

Learning outcomes:

- a) Define catalyst as a substance that speeds up a chemical reaction and is not changed by the reaction.
- b) Define enzymes as proteins that function as biological catalysts.
- c) Explain enzyme action in terms of the “lock and key “ hypothesis.
- d) Investigate and describe the effects of temperature and of pH on enzyme activity.