

## Enzyme Test Outline

- 90% of the test is written
- Know the diagrams in your notes
  - Label: Enzyme, Substrate, Enzyme-Substrate Complex, Product, Apoenzyme, Coenzyme
- Label Metabolic Pathway
  - Reactants, Products
- How to increase rate of reaction
- Graphs – Draw and Apply Knowledge
  - Substrate Concentration
  - Temperature
  - pH
  - Enzyme Concentration
- Review Enzyme Lab
- Competitive Inhibition, Non-Competitive Inhibition, Reversible and Irreversible Inhibition
- 4 Cellular Metabolic Pathways
  - Location in Cell
  - Products
  - Number ATP Produced
- Application Graph Questions
  - Effect of Temperature, pH (acids and bases), increasing substrate concentration, enzyme concentration