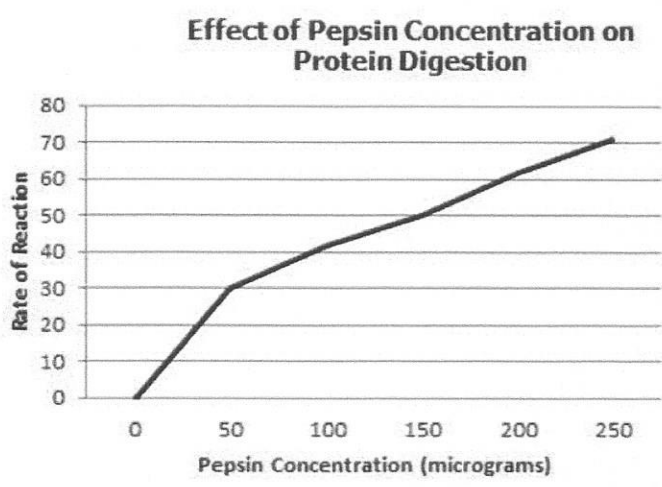




Mississippi Sample Questions Biology I

- 1. When placing a slide on the stage of a microscope, what initial steps should be taken to bring the object into focus?**
 - A Place the setting on the low power objective, and turn the fine adjustment knob.
 - B Place the setting on the high power objective, and turn the fine adjustment knob.
 - C Place the setting on the low power objective, and turn the coarse adjustment knob.
 - D Place the setting on the high power objective, and turn the coarse adjustment knob.

- 2. Analyze the graph showing how the concentration of an enzyme impacts digestion of a protein.**



Pepsin is an enzyme that catalyzes protein in the stomach. What is the relationship between the concentration of pepsin and the rate of the reaction?

- A The concentration of pepsin has no effect on the rate of the reaction.
- B As the concentration of pepsin increases, the rate of the reaction decreases.
- C As the concentration of pepsin increases, the rate of the reaction increases.
- D As the concentration of pepsin decreases, the rate of the reaction increases.