

CHEM 220 – Problem Set 6

1. Describe the normal ES complex. Illustrate it with a diagram.
2. Describe competitive binding. Illustrate it with a diagram.
3. Describe uncompetitive binding. Illustrate it with a diagram.
4. Describe non-competitive binding. Illustrate it with a diagram.
5. Define Enzyme activity.
6. Describe the lock-n-key model of enzyme action. Illustrate it with a diagram.
7. Describe the induced fit model of enzyme action. Illustrate it with a diagram.
8. Describe how Enzyme concentration effects enzyme activity. Illustrate your description.
9. Describe how substrate concentration effects enzyme activity. Illustrate your description.
10. Describe how temperature effects enzyme activity. Illustrate your description,
11. Describe how pH effects enzyme activity. Illustrate your description.