# Session #30: Homework Problems

## Problem #1

Draw the form of L-lysine which is present at biological pH.

#### Problem #2

What is the net charge of arginine in a solution of pH 1.0?

#### Problem #3

Draw the form in which glutamate exists at pH = 0.

## Problem #4

Draw structures for the forms of glycine present in basic, neutral, and acidic solutions.

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