Chemistry 115 Name

Dr. Cary Willard

Quiz 10A (20 points) May 5, 2009

1. (4 points) Name and distinguish between the two components of a solution.
2. (4 points)What is meant when we say that two components of a solution are immiscible?
3. (4 points) What is the effect of temperature on the solubility of a gas?
4. (4 points) Calculate the percent sodium borate in a solution containing 48.4 grams of sodium borate dissolved in 500.0 gram of water.
5. (4 points) What is the molarity of a solution prepared by dissolving 32.6 grams of lithium bromide in enough water to make 2.00 L of solution.

Chemistry 115 Name

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Quiz 10B (20 points) May 5, 2009

1. (4 points) Name and distinguish between the two components of a solution.
2. (4 points)What is meant when we say that two components of a solution are immiscible?
3. (4 points) What is the effect of temperature on the solubility of a gas?
4. (4 points) Calculate the percent sodium borate in a solution containing 86.4 grams of sodium borate dissolved in 700.0 gram of water.
5. (4 points) What is the molarity of a solution prepared by dissolving 24.7 grams of lithium bromide in enough water to make 2.00 L of solution.