

**Chemistry 106L – Experiment 11**

Name \_\_\_\_\_

**Solutions and Solubility**

	<b>POSSIBLE</b>	<b>ACTUAL</b>
<b>Pre-lab Questions</b> 0.5 points each for Questions 1 and 2 1 point each for Questions 3 – 6	<b>5</b>	_____
<b>Experimental Procedure – Part A</b> 0.5 points each for correctly identifying whether each solute is polar or nonpolar	<b>2.5</b>	_____
<b>Experimental Procedure – Part B</b> 2.5 points for chart on page 24 3 points for graph (including labeling)	<b>5.5</b>	_____
<b>Experiment Procedure – Part C</b> 1 point each for C.5 – C.10	<b>7</b>	_____
<b>Questions and Applications</b> 1 point each for Questions 1 – 3 3 points for Question 4	<b>6</b>	_____
<b>Discretionary Deductions</b> Not showing calculations, 0.5 points/occurrence Improper use of significant figures, up to 3 points Not including unite when necessary, up to 3 points Not cleaning work area, up to 5 points Not practicing laboratory safety, including use of safety goggles, up to 5 points No printed cover sheet, 1 point		
<b>Total Points</b>	<b>25</b>	_____

\_\_\_\_\_ My work area has been cleaned and all glassware washed and placed in the appropriate drawer. (Must be signed by the laboratory instructor.)

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**Laboratory Instructor**