

CHAPTER REVIEW**Chapter 5****Matter in Solution****I. Vocabulary Review**

In the blank, write the word or words that best complete the sentence.

1. Sterling silver is an example of a _____ solution.
2. In a soda pop solution, carbon dioxide is the _____.
3. In the solution known as air, nitrogen is the _____.
4. Storing a bottle of soda pop in the refrigerator increases the _____ of carbon dioxide in the liquid.
5. The solubility of a gas in a liquid will decrease if the _____ of the solution is increased.
6. If you have a sugar solution that has some sugar in the bottom of the container, the solution is _____.
7. Water is sometimes called a _____ solvent.
8. Muddy water is an example of a _____.
9. Homogenized milk is a _____.
10. A solution with a large amount of solute in a solvent is _____.

II. Concept Review

In the blank at the left, write the letter of the choice that best completes the statement or answers the question.

- _____ 11. Vinegar is a 5% solution of acetic acid in water. This would be considered a _____ solution.
a. dilute b. concentrated c. saturated d. colloid
- _____ 12. Italian salad dressing is a _____ because it contains particles large enough to be seen.
a. solution b. colloid c. suspension d. solute
- _____ 13. An example of a solid-liquid colloid would be _____.
a. salt water b. paint c. marshmallow d. muddy water
- _____ 14. Mercury paint was once used on ships because it prevented _____.
a. salt deposits c. detection
b. growth of marine organisms on the hull d. a and b only
- _____ 15. Which form of sugar will dissolve most rapidly?
a. cube b. granulated c. lump d. powdered

