Teacher Name: **Zakia Amir** Class**: 7** Subject: **Science** Date: **09 November,2018**

**Q1: Fill in the blanks with appropriate words:**

1. A solution in which water is the solvent is known as an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Mass of solution = Mass of solvent + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is formed when a small amount of solute dissolves in given amount of solvent.
4. The maximum amount of a solute which can dissolve in 100g of a solvent at a particular temperature is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Solubility depends on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Oranges and Lemons contain a type of acid called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. Vinegar contains an acid called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. Yoghurt contains \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acid.
9. Our stomach contains a strong acid \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in our mouths produce acid when they feed on leftover food stuck between our teeth.

**Q2: The solubility of sugar is 200 gm in 100 gm of water at room temperature.**

1. What kind of solution is formed when 50 gm of sugar dissolves in 100 gm of water?

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1. What will be the maximum amount of sugar that dissolves in 50 gm of water?

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**Q3: What is an acid rain? How does it affect environment?**

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