

**Bukit View Secondary School**  
**Lower Secondary Science**  
**Worksheet – Solution and Suspension III**

Name: \_\_\_\_\_(     )     Class: Sec 1T\_\_     Date: \_\_\_\_\_/2002

1. \_\_\_\_\_ of a substance in a solvent is the maximum amount of substance that can be dissolved in a given amount of solvent at a given temperature.
2. Three factors that affect the solubility are
  - i) \_\_\_\_\_
  - ii) \_\_\_\_\_
  - iii) \_\_\_\_\_
3. Increasing the temperature of a liquid will (increase / decrease) \_\_\_\_\_ the solubility of solid in the liquid.
4. How fast a solute dissolves in a solvent depend on
  - i) \_\_\_\_\_
  - ii) \_\_\_\_\_
  - iii) \_\_\_\_\_
5. Give examples of how solvents and solutions are used in
  - i) our homes  
\_\_\_\_\_
  - ii) in industries  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  - iii) in agriculture  
\_\_\_\_\_
  - iv) in medicine  
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