



## ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject- Chemistry**                      Worksheet- 20                      **Class – 9**  
**Date -20.04.2020**  
**Chapter- Solution**

**Q Answer the following questions (MCQ) :**

**(1×15):**

**Q1.Solubility is the amount of solute dissolved in**

- A. 50 g of solvent
- B. 100 g of solvent
- C. 250 g of solvent
- D. 200 g of solvent

**Q2: When NaCl is dissolved in water, the negative end of water molecules is attracted towards**

- A. Cl
- B. H
- C. He
- D. Na

**Q3: The solubility of  $\text{Na}_2\text{SO}_4$**

- A. increases with increase in temperature
- B. decreases with increase in temperature
- C. no effect on solubility with change in temperature
- D. none of above

**Q4: The methanol and water are**

- A. miscible
- B. non miscible
- C. forms saturated solution
- D. forms supersaturated solution

**Q5: The solubility of gases increases with the decrease of**

- A. mass
- B. volume
- C. temperature
- D. decrease

**Q6: Solubility depends upon**

- A. temperature
- B. solute
- C. solvent
- D. all of above

**Q7: When a large amount of solute dissolves in a given amount of solvent it forms**

- A. dilute solution
- B. saturated solution
- C. aqueous solution
- D. concentrated solution

**Q8: The maximum amount of solute which can dissolve in 100g of solvent at room temperature is called**

- A. solubility
- B. capacity
- C. eligibility
- D. tendency

**Q9: The solution which can hold no more solute is called**

- A. dilute solution
- B. saturated solution
- C. aqueous solution
- D. concentrated solution
- E.

**Q10: The solution which can hold no more solute is called**

- A. dilute solution
- B. saturated solution
- C. aqueous solution
- D. concentrated solution

**Q11: a mixture of dye which changes color according to the acidity or alkalinity of any substance is called**

- A. indicator
- B. pH scale
- C. pH meter
- D. balance scale

**Q12: The maximum amount of solute which can dissolve in 100g of solvent at room temperature is called**

- A. solubility
- B. capacity
- C. eligibility
- D. tendency

**Q13: If pH value is less than 7, nature is**

- A. acidic
- B. basic
- C. neutral
- D. normal

**Q14: A reaction in which an acid and alkali react together to form salt and water is called**

- A. chemical reaction
- B. physical reaction
- C. potential reaction

D. heat reaction

**Q15: Wasp sting is neutralized by rubbing skin with**

- A. soap
- B. orange juice
- C. vinegar
- D. anti acid

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