

Chemistry



9th Class

Sindh Board Notes

Chapter # 7

Solution And Suspension



Theory Questions & Answers

پنجاب، سندھ، بلوچستان، خیبر پختونخواہ، بورڈز کے تمام نوٹس سابقہ پیپرز، اس ویب سائٹ سے فری ڈاؤن لوڈ کریں۔

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Multiple Choice Questions - [MCQs]

➔ SOLUTION & SUSPENSION

- 1. The suspended particles in suspensions are generally of the size.**

a. 10nm	b. 100nm
c. √ 100nm	d. 1mm
- 2. The sum of the mole fractions of solute and solvent is equal to:**

a. 5	b. 2
c. 0	d. √ 1
- 3. Solubility is defined as the amount of solute in solvent at a given temperature, dissolved in _____ of the solvent.**

a. 20g	b. √ 100g
c. 10g	d. 2000g
- 4. The process in which a solid directly changes to vapours is known as.**

a. √ Sublimation	b. Evaporation
c. Diffusion	d. Fusion
- 5. The solubility of a gas _____ with the rise in temperature.**

a. Increase	b. √ Decrease
c. Normal	d. None of these
- 6. A homogeneous mixture of two or more substance is called:**

a. solute	b. solvent
c. √ solution	d. none of these
- 7. When the water is solvent the solution is called _____ solution.**

a. saturated	b. unsaturated
c. √ aqueous	d. supersaturated
- 8. Which type of mixture is cloud?**

a. gas in gas	b. gas in liquid
c. solid in gas	d. √ liquid in gas
- 9. Which type of mixture is air?**

a. √ gas in gas	b. gas in solid
c. gas in liquid	d. liquid in solid

10. How many types of solutions are produced on mixing solid, liquid and gas?
a. 8
b. ✓ 9
c. 7
d. 6
11. The solubility of sugar in water at 100C is:
a. 179 g/100ml
b. ✓ 487 g/100ml
c. 189 g/100ml
d. 478 g/100ml
12. The solubility of a _____ in a liquid is directly proportional to the pressure of gas:
a. solid
b. ✓ gas
c. liquid
d. none of above
13. A solution containing less solute than its capacity to dissolve is:
a. ✓ unsaturated solution
b. saturated solution
c. supersaturated solution
d. aqueous solution
14. When number of moles of solute are dissolved in 1 litre (1dm³) of a solution, than solution is said to be:
a. normal solution
b. molal solution
c. percentage solution
d. ✓ molar solution
15. It is heterogeneous mixture:
a. solution
b. ✓ suspension
c. solute
d. none of these
16. Homogenous mixture of solute and solvent is called a:
a. Solvent
b. Solute
c. ✓ Solution
d. Suspension
17. The solution that contains 1 mole of solute in 1 dm³ of solution is called a:
a. Normal
b. Saturated
c. ✓ Molar
d. Molal
18. 2 moles of water is equal to:
a. 18g
b. ✓ 36g
c. 56g
d. 46g
19. One litre is equal to:
a. 100 cm³
b. 10 cm³
c. 500 cm³
d. ✓ 1000 cm³

20. A solution formed by mixing only two substances is called a:
- a. ✓ Binary solution
 - b. Unified solution
 - c. Colloidal Solution
 - d. Saturated solution
21. Supersaturated solutions are:
- a. Stable
 - b. ✓ Unstable
 - c. Constant
 - d. Volatile
22. There are how many ways of representing percent concentration:
- a. One
 - b. Two
 - c. Three
 - d. ✓ Four

FOR MORE NOTES, MCQS, ONLINE QUIZZES

All Classes Chapter Wise Notes

Punjab Boards | Sindh Boards | KPK Boards | Balochistan Boards

AJK Boards | Federal Boards

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9th Class

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10th Class

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