

Name: _____						
Subject: Chemistry		Class: 9 th		Time: 60 minutes		
Chapter No.6		MJDexpert.com			Total Marks:	30
					Obtained marks	

Note: Please attempt any 7 short questions from Question 2. Also, attempt both parts (a and b) of Question 3. "a" Part is 5 marks and "b" is 4 marks. Cutting and removal of any content is strictly prohibited.

Objective-Section

Q. 1 Encircle the correct Answer .

(7x1=7)

MJD Chemistry

1.	The simplest way to distinguish between solution and pure liquid is:						
a	Evaporation	b	Distillation	c	Hydration	d	Halogenation
2.	The solution which is formed by dissolving a substance in water is called:						
a	Aqueous solution	b	Saturated solution	c	Unsaturated solution	d	Super saturated solution
3.	In soft drink the solvent is:						
a	Benzene	b	Water	c	Milk	d	Oil
4.	Which of the following is solid in gas solutions?						
a	Smoke in air	b	Butter	c	Brass	d	Fog
5.	Which one is a solution of gas in gas?						
a	Smoke	b	Mist	c	Fog	d	Air
6.	Fog is an example of solution:						
a	Liquid in gas	b	Gas in liquid	c	Solution	d	Gas in solid
7.	Which pair of compounds is soluble?						
a	Ether and water	b	KCl and water	c	Benzene and water	d	Petrol and water

Subjective-Section

Q.2 Write short answers of any seven of the following questions: (7x2=14)

- i. Define solution with examples?
- ii. Write down the difference between solute and solvent?
- iii. Write down the difference between saturated and unsaturated solution?
- iv. Write down the definitions of dilute solutions and concentrated solutions?
- v. Define molarity and write its formula?
- vi. Define % m/v ?
- vii. Explain the principle "like dissolve like"
- viii. Define solubility?

Q.No.3 Long Question:

(5+4=9)

- a) Explain the effect of temperature on solubility?
- b) Write down the difference between colloid and suspension ?