

Name: _____						
<b>Subject:</b> Chemistry		<b>Class:</b> 9 <sup>th</sup>	<b>Time:</b> 60 minutes	<b>Total Marks:</b>	<b>30</b>	
<b>Chapter No.5</b>		<b>MJDexpert.com</b>			<b>Obtained marks</b>	

**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 escape of gas molecules through small hole toward low pressures called?						
a	Effusion	b	Diffusion	c	Mobility	d	Evaporation
2.	The apparatuses use to measure atmospheric pressure is :						
a	Thermometer	b	Galvanometer	c	Ammeter	d	Barometer
3.	Robert Boyle is famous for ___?						
a	Boyle's law of gases	b	Charles law of gas	c	Density of gas	d	Mobility of gases
4.	Normal body temperature of human being is :						
a	37 C	b	38 C	c	39 C	d	40 C
5.	The process of evaporation takes place at _____?						
a	Low temperature	b	High temperature	c	Moderate temperature	d	All temperature
6.	The boiling point of acetic acid is :						
a	118 C	b	126 C	c	100 C	d	130 C
7.	The density of gold is :						
a	2.7g /cm <sup>3</sup>	b	7.86 g/cm <sup>3</sup>	c	19.3 g/cm <sup>3</sup>	d	4.88 g/cm <sup>3</sup>

### Subjective-Section

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

- Write down the difference between diffusion and effusion?
- Define pressure and standard atmospheric pressure?
- State Charles's law and derive its equation?
- How does evaporation cause cooling?
- Define evaporation and write the name of its factors?
- Write down the difference between boiling point and freezing point?
- Write down the difference between crystalline solid and amorphous solid?
- Define Allotropy and transition temperature ?

**Q.No.3 Long Question:**

**(5+4=9)**

- Explain Boyle's law ?
- Define vapour pressure and explain the factors affecting on rate of vaporization?

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