

Name: _____						Subject: Chemistry		Class: 9 th		Time: 60 minutes		Total Marks: 30	
Chapter No.8				MJDexpert.com				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)

1.	Mercury is the metal which exists:							
a	In solid state	b	In liquid state	c	In gaseous state	d	Plasma state	
2.	The metals are generally good conductor of electricity because:							
a	Mobile electron present	b	Metal Cation are present	c	They are hard enough	d	Mobile proton are present	
3.	Which family has general electronic configuration ns^2 ?							
a	Alkali metals	b	Alkaline earth metals	c	Ionization energy	d	Atomic radius	
4.	Which metal is more malleable?							
a	Sodium	b	Iron	c	Gold	d	Silver	
5.	Brass solid solution of:							
a	Cu+Zn	b	Cu+Ni	c	Cu+Fe	d	Cu+Na	
6.	The most reactive non – metal is:							
a	F	b	Cl	c	Br	d	I	
7.	The electronegativity of bromine is:							
a	4.0	b	3.2	c	3.0	d	2.8	

Subjective-Section

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

- i. why the reactivity of metals increases down the group ?
- ii. write two uses of sodium metals?
- iii. write trend in group of electropositivity ?
- iv. write two uses of calcium ?
- v. why 2nd ionization energy is always greater than 1st ?
- vi. write two chemical properties of metals and non-metals?
- vii. Explain the oxidizing property of halogens.
- viii. Write the properties and uses of silver.

Q.No.3 Long Question: (5+4=9)

- (a) Explain importance of non-metals ?
- (b) write physical characters of metals ?