

Name: _____					
Subject: Chemistry		Class: 9 th		Time: 60 minutes	
Chapter No.7		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)

1.	Addition of oxygen during chemical reaction is called:						
a	Reduction	b	Oxidation	c	Evaporation	d	Conduction
2.	Which of the following is reduction?						
a	Removal of hydrogen	b	Removal of oxygen	c	Removal of electron	d	Addition of oxygen
3.	The oxidation number of all elements in free state is:						
a	0	b	1	c	2	d	3
4.	The oxidation number of group 1 element is:						
a	-1	b	+1	c	+2	d	-2
5.	A species that reduces a substance by donating electron:						
a	Oxidizing agent	b	Reducing agent	c	Colouring agent	d	Dehydrating agent
6.	Spontaneous chemical reaction take place in:						
a	Electrolytic cell	b	Galvanic cell	c	Nelson's cell	d	Down cell
7.	Non spontaneous chemical reactions take in all except place in:						
a	Electrolytic cell	b	Galvanic cell	c	Nelson's cell	d	Down's cell

Subjective-Section

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

- Write down the difference between oxidation and reduction?
- Define oxidizing agent and reducing agent ?
- Define electrolyte with examples?
- Write down the difference between electrolytic cell and galvanic cell?
- Write down the method of prevention from corrosion?
- Explain electrolytic refining of copper?
- Define electrolysis?
- Briefly explain electrolysis of water?

Q.No.3 Long Question:

(5+4=9)

- Define oxidation number and write any four rules for assigning oxidation number?
- define electrolytes and explain its types?