First Mid Term Test - 2019

Standard XII CHEMISTRY

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PART - I												
1.	 Choose and write the correct answer: 10x1=10 1. Considering Ellingham diagram, which of the following metals can be used to reduce Alumina? 											
2.	a) Fe Matc	h the	List		u List II co			g by usi) Zn e code	e given	
		List I						List II				
	A) B) C) D)	Foo		age	material	1) 2) 3) 4)		Cop Gold Zinc Alun	i	l		
	Code:											
		A	В	C	D .		A	В	C	D		
	a)	4		2	1	3486000000000000000000000000000000000000		4		2		
	c).	2	1	4	3	d)	3	1	4	2		
2.					nit of silie							
4.	a) $(SiO_3)^{2-}$ b) $(SiO_4)^{2-}$ c) $(SiO)^{-}$ d) $(SiO_4)^{4-}$ 4. Among the halogens which is the most reactive and the strongest oxidising agent?											
	a) Chlorine b) Fluorine c) Iodine d) Bromine							mine				
5.	5. Consider the following statements.											
	I) The order of catenation property is C >> Si > Ge > Pb.											
	II) Crystalline boron is used as a rocket fuel igniter.											
	III) Syngas and producer gas are the mixture of $(CO + H_2)$ and											

Which of the above statement(s) is (are) correct?

a) I and II

 $(CO + N_2)$ respectively.

b) II only c) II and III d) I and III

13. CO is a reducing agent. Justify with an example.

amorphous solids.

completion of the reaction.

14. Give any four differences between crystalline solids and

15. Show that in case of first order reaction, the time required for 99.9% completion is nearly ten times the time required for half