Assignment for SSC Examinees, 2021

Subject: Chemistry

Subject Code: 137

Level: SSC

Assignment Number, Chapter Number, Chapter Title	Assignment	Outcomes		Assessment Criterion /Rubric					
02	Position of the elements in the periodic table	Students' will be • Able to	Has to find out the periods of the four	periods Rating Scale					
Chapter Four:	according to the	determine the	elements in the		4	3	2	1	
Periodic Table	Comparative ionization energy and Characteristics of group or class of relevant elements Li Be Na Mg In accordance to the electronic configuration of the 4 elements, prepare a report on their position in the periodic	relation of major groups of periodic table with the outer most energy level electronic configurations of configurations of elements (first 30 elements) • Able to find out the periodic table according to the four elements in the periodic table according to their electronic configurations • Able to find out the period of an element • Able to get • Able to get	a) Determination of period	Has determined the exact periods of four elements with electronic configurations	Has determined the exact periods of three elements with electronic configurations	Has determined the exact periods of two elements with electronic configurations	Has determined the exact periods of one element with electronic configuration		
			b) Determination of group	Has determined the exact groups or classes of four elements with electronic configurations	Has determined the exact groups or classes of three elements with electronic configurations	Has determined the exact groups or classes of two elements with electronic configurations	Has determined the exact group or class of one element with electronic configuration		
	table, comparative ionization energy and the characteristics of the groups they are in.	knowledge about physical and chemical properties of an element by knowing the position in the periodic table • Able to say	ionization energy of same period and same group or class of adjoining elements in the periodic table • Has to write the characteristics of the group or	c) Comparative ionization energy	Has compared appropriately the ionization energies of four pairs of elements interms of group and period differences	Has compared appropriately the ionization energies of three pairs of elements in terms of group and period differences	Has compared appropriately the ionization energies of two pairs of elements in terms of group and period differences	Has compared appropriately the ionization energies of one pair of elements in terms of group and period differences	
				d)	Has written	Has written	Has written	Has written	

	spe nar ele	out the class of relevan ming of elements Able to	ant of a group or	the characteristics of two groups or classes with special names	the characteristics of two groups or classes properly	the characteristics of one group or class with special names properly	the characteristics of one group or class properly	
		ow the		properly				
	1 -	gerness to					Total	
	pro ele fol	ess the operties of ements by llowing the riodic table	Total marks for t	his assignment:	16			

Marks Obtained	Comments				
13-16	Excellent				
11-12	Very good				
08-10	Good				
0-07	Needs improvement				