

Sri Vidya Mandir Matric Hr. Sec.School

Filling of orbitals

Name:

$n+l$ Rule

Orbital	n	l	n+l
1s	1	0	
2s	2	0	
2p	2	1	
3s	3	0	
3p	3	1	
3d	3	2	
4s	4	0	
4p	4	1	
4d	4	2	
4f	4	3	
5s	5	0	

5p	5	1	
5d	5	2	
5f	5	3	
6s	6	0	
6p	6	1	
6d	6	2	
6f	6	3	
7s	7	0	

Based on the (n+l) rule, the increasing order of energies of orbitals

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