

Dr L BULLAYYA JUNIOR COLLEGE**VISAKHAPATNAM - 13**

S.NO	NAME OF THE ELEMENT	SYMBOL	ATOMIC NUMBER(Z)	ATOMIC MASS	REMARKS
1	Hydrogen	H	1	1.008	1
2	Helium	He	2	4.0026	4
3	Lithium	Li	3	6.94	7
4	Beryllium	Be	4	9.0122	9
5	Boron	B	5	10.81	11
6	Carbon	C	6	12.011	12
7	Nitrogen	N	7	14.007	14
8	Oxygen	O	8	15.999	16
9	Fluorine	F	9	18.998	19
10	Neon	Ne	10	20.18	20
11	Sodium	Na	11	22.99	23
12	Magnesium	Mg	12	24.305	24
13	Aluminium	Al	13	26.982	27
14	Silicon	Si	14	28.085	28
15	Phosphorus	P	15	30.974	31
16	Sulfur	S	16	32.06	32
17	Chlorine	Cl	17	35.45	35.5
18	Argon	Ar	18	39.948	
19	Potassium	K	19	39.098	39
20	Calcium	Ca	20	40.078	40
21	Scandium	Sc	21	44.956	
22	Titanium	Ti	22	47.867	
23	Vanadium	V	23	50.942	
24	Chromium	Cr	24	51.996	52
25	Manganese	Mn	25	54.938	55
26	Iron	Fe	26	55.845	56
27	Cobalt	Co	27	58.933	
28	Nickel	Ni	28	58.693	
29	Copper	Cu	29	63.546	
30	Zinc	Zn	30	65.38	
31	Bromine	Br	35	79.904	80
32	Silver	Ag	47	107.87	108
33	Iodine	I	53	126.9	127
34	Barium	Ba	56	137.33	

Dr.L.BULLAYYA JUNIOR COLLEGE**VISAKHAPATNAM - 530013****ANIONS (OR) ACIDIC RADICALS (OR)
ELECTRONEGATIVE RADICALS**

S.NO	Name	Ion	Valence
1	Hydride	H^-	1
2	Fluoride	F^-	1
3	Chloride	Cl^-	1
4	Bromide	Br^-	1
5	Iodide	I^-	1
6	Hydroxide	OH^-	1
7	Cyanide	CN^-	1
8	Permanganate	MnO_4^-	1
9	Acetate	CH_3COO^-	1
10	Hypochlorite	HClO^-	1
11	Chlorite	ClO_2^-	1
12	Chlorate	ClO_3^-	1
13	Perchlorate	ClO_4^-	1
14	Bicarbonate	HCO_3^-	1
15	Bisulphate	HSO_4^-	1
16	Nitrite	NO_2^-	1
17	Nitrate	NO_3^-	1
18	Carbonate	CO_3^{2-}	2
19	Sulphite	SO_3^{2-}	2
20	Sulphate	SO_4^{2-}	2
21	Sulfide	S^{2-}	2
22	Oxide	O^{2-}	2
23	Peroxide	O_2^{2-}	2
24	Manganate	MnO_4^{2-}	2
25	Chromate	CrO_4^{2-}	2
26	Dichromate	$\text{Cr}_2\text{O}_7^{2-}$	2
27	Oxalate	$\text{C}_2\text{O}_4^{2-}$	2
28	Nitride	N^{3-}	3
29	Phosphide	P^{3-}	3
30	Phosphate	PO_4^{3-}	3

Dr.L.BULLAYYA JUNIOR COLLEGE**VISAKHAPATNAM - 530013****CATIONS (OR) BASIC RADICALS (OR)
ELECTROPOSITIVE RADICALS**

S.NO	Name	Ion	Valence
1	Hydrogen	H^+	1
2	Ammonium	NH_4^+	1
3	Lithium	Li^+	1
4	Sodium	Na^+	1
5	Potassium	K^+	1
6	Silver	Ag^+	1
7	Copper(I)(or)Cuprous	Cu^+	1
8	Mercury (I) (or) Mercurous	Hg_2^+	1
9	Hydronium	H_3O^+	1
10	Calcium	Ca^{+2}	2
11	Barium	Ba^{+2}	2
12	Copper (II) (or) Cupric	Cu^{+2}	2
13	Iron (II)(or) Ferrous	Fe^{+2}	2
14	Lead (II) (or) Plumbous	Pb^{+2}	2
15	Manganese(II) (or) Manganous	Mn^{+2}	2
16	Mercury (II) (or) Mercuric	Hg^{+2}	2
17	Zinc	Zn^{+2}	2
18	Tin (II) (or) Stannous	Sn^{+2}	2
19	Magnesium	Mg^{+2}	2
20	Manganese (III) (or) Manganic	Mn^{+3}	3
21	Aluminum	Al^{+3}	3
22	Iron (III) (or) Ferric	Fe^{+3}	3
23	Chromium (III) (or) Chromic	Cr^{+3}	3
24	Tin(IV) (or) Stannic	Sn^{+4}	4
25	Lead(IV) (or) Plumbic	Pb^{+4}	4