

# BIO-VISUAL CHARTS

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
<b>PHYSICAL SCIENCE CHARTS</b>					
PS 1	Periodicity of Elements : Atomic Radii & Electronegativity	B	C 25	Structure and Manufacture of Carbon allotropy (Coal, Graphite & Diamond)	C
PS 4	Periodic classification of Elements: long Form (125 x 200 cms)	2C	C 26	Manufacture Of Cement Dry Process	C
PS 5	Liquefaction of Gases ( Air )	C	C 27	Manufacture of Coal Gas	C
PS 6	Electro -Magnetic Radiation Spectra	C	C 28	Fuel Gases ( Oil, Producer & Water gas )	C
PS 7	Emission Spectra of Hydrogen Atom	C	C 29	Manufacture of Nitric Acid from Ammonia (Ostwald's process)	C
PS 8	Study of Thermionic and Photo Electric Emission	B	C 30	Manufacture of Sulphuric Acid : Contact Process	C
PS 10	Discharge Tube Experiments Part I	B	C 31	Extraction of Sulphur : Sicilian and Frasch process	C
PS 11	Discharge Tube Experiments Part II	C	C 32	Manufacture of Aluminium by Electrolytic Process : Bayer's and Hoopes' process	C
PS 12	Principle underlying Thomson experiments	C	C 33	Metallurgy of Copper	C
PS 13	Effects of Electric Current	C	C 34	Metallurgy of Nickel	C
PS 14	Periodic Table of the Elements	C	C 35	Manufacture of Sugar from Sugarcane	C
PS 15	Periodic Table with s.p.d. & f blocks	C	C 36	Structure of Silicates	C
PS 16	X-Rays (gas filled X-Rays tube)	C	C 37	Principle of Molecular orbitals (L.C.A.O)	C
PS 17	Structure of Ionic compounds of Type AX(Zns, NaCl, Cs Cl)	C	C 38	Structural Isomerism	C
PS 18	Sodium Chloride Crystal (Elements of Symmetry in simple cube)	C	C 39	Hybridisation	C
PS 19	Millikan's oil drop method	B	C 40	Amino Acids : Structure & Classification	C
PS 20	Electro Chemical Cells	C	C 42	Extraction of Iron & Steel	C
PS 21	Optical Activity	C	C 43	Extraction of Magnesium	C
PS 22	Radio Activity-Alpha, Beta, & Gamma Rays	C	C 44	Preparation of Ozone	C
PS 23	Structure of Atom	C	C 45	Preparation of Fluorine	C
PS 24	Nuclear Fission & Fusion	C	C 47	Acids-Bases	C
<b>CHEMISTRY CHARTS</b>					
C 1	Shapes of Atomic Orbitals	C	C 48	Preparation of Hydrogen & Oxygen	C
C 2	Relative Energies of Atomic Orbitals	C	C 49	Preparation of Hydrogen Sulphide & Sulphur Dioxide.	C
C 3	Shapes of Orbitals and Molecules	C	C 50	Manufacture of Sodium Hydroxide (Solvay Process)	C
C 4	Formation of Molecular Orbitals	C	C 51	Distillation	C
C 5	Molecular Orbitals of Benzene	C	C 52	Aldehydes & Ketones	C
C 6	Conformation of Ethane and Cyclohexane	C	C 54	Manufacture of Sodium Carbonate	C
C 7	Optical Isomerism & Geometrical Isomerism	C	C 55	Preparation of Hydrogen Chloride, Bromine & Hydrogen Bromide	C
C 8	Fischer Projection Formulae of various Aldoses from D-Glyceraldehyde	B	C 56	Preparation of Methane, Ethene & Acetylene	C
C 9	DNA Structure	C	C 57	Refining of Petroleum	C
C 10	Alpha helical Structure of a polypeptide	C	C 59	Manufacture of Glass	C
C 11	Tertiary & Quarternary Structure of protein	C	C 60	Manufacture of Nitrobenzene and Aniline	C
C 15	Petroleum Fractions	C	C 61	Extraction of Phosphorus	C
C 16	Blast Furnace	C	C 62	Purification of Water & Hydrogen Peroxide	C
C 17	Manufacture of Ammonia : Haber's Process	C	C 63	Metallurgy : Principles & Processes	C
C 18	Manufacture of Sulphuric Acid : Chamber process	C	C 64	Hydro Carbons	B
C 19	Extraction of Sodium	C	C 65	Chemical Bond	C
C 20	Fractionation of Coal Tar	C	C 66	Preparation of Chlorine & Bleaching Powder	C
C 23	Determination of Molecular weights Victor Meyer's Method	C	C 67	Preparation of Carbon Dioxide	C
C 24	Manufacture of Sodium Hydroxide & Chlorine (Nelson's Cell)	C	C 68	Manufacture of Ethyl Alcohol	C
			C 69	Nitrogen Preparation and Estimation	C
			C 70	Chemical Laws	C
			C 71	Electronic Configuration of Elements	C
			C 72	3D Arrangement of Solids	C
			E 31	Manufacture of Penicillin	C