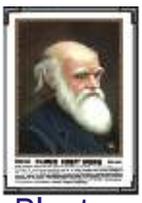
KANSIL'S SCIENCE CATALOGUE 2018-19

Transparent Lung


Photos

Most Modern & Indispensable Teaching Learning Material For Physics, Chemistry, Botany, Zoology

Binoculars

Skeleton Models

Skin Model

Science KitS

Anatomy Models

Zoology Models

Frog Kit

Solar Kit

Charts

Physiology Models

Torso Models

Scientist Life Sketch

Botany Models

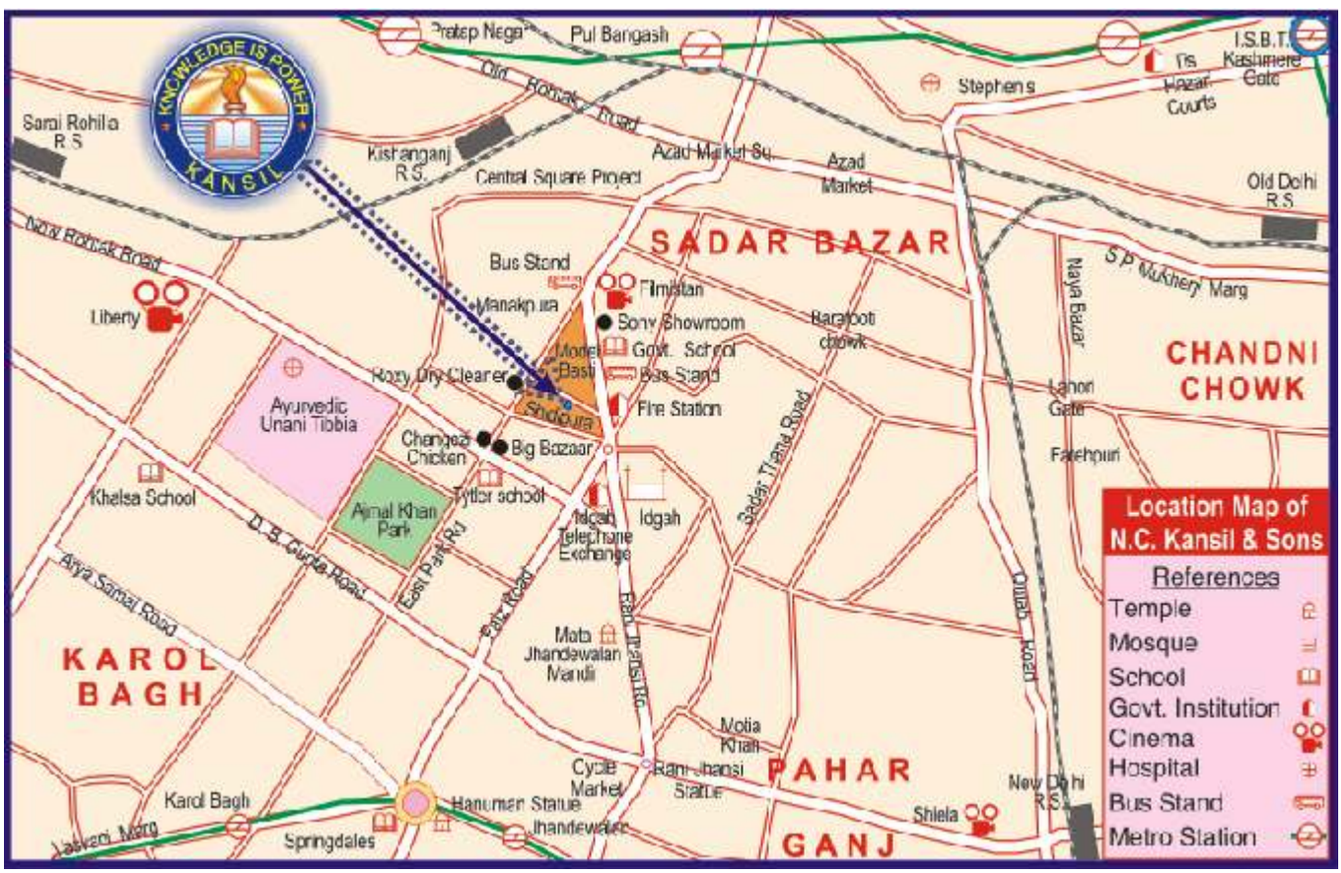
Dear Patron,

We present our new Science Catalogue for 2018-19 with great pleasure and confidence. Our products and variety is far superior and effective than those of others.

This year we have added many models in our Zx range of models. Please note we are owners of Zx range of models & Zx is our Trademark. Many new models have been introduced this year. Kindly scroll though the catalogue and look for NEW symbol to know about new products.

We have learnt from the feedback that someone has duplicated our Community Health and Environmental Sanitation Models. We suggest you to kindly look for Zx logo & our company hologram on the products before making purchases.

We welcome your advice and cooperation in further expanding the range of our products. We are sure that all the articles will be very useful for your Institution. Thanking you and assuring you of our best services.



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Some Tips to Study the Catalogue

Welcome! - You are about to enter the wonderfully exciting world of Teaching Aids. In the following pages of this catalogue you will come to know the products manufactured and marketed by us. Before you start browsing through them we give below some tips that will help you to study it better and effectively.

1. All the articles are manufactured in very heavy quantity by using very costly designs, dies and patterns. As such the size and description cannot be changed or altered at will. Please prepare your requirements according to the material and size mentioned in the catalogue.
2. All the articles are properly coded. Please mention the code and language.
3. The illustrations of charts are very selective. Each and every chart cannot be displayed in the catalogue. As such while placing an order please consult the detailed list mentioned therein.
4. The panorama of the Teaching Learning Material has been very well arranged subjectwise and where ever necessary we have given cross references.
5. It may be stated that the division of the catalogue i.e. Science, Social Studies, Maths is just for the sake of convenience. You may place your requirements with us all in one lot.

PLEASE NOTE

1. Customers' full satisfaction is our business policy. We are fully confident of the high standard and quality of our products.
2. To avoid delay in the execution of your order, please be careful as to mention:
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6. Images shown in the catalogue are for reference only. It may differ in colour or shade from actual product.
7. Please look for our Hologram to buy genuine products.
8. All disputes subject to Delhi Courts Jurisdiction only.

SCIENCE AND TECHNOLOGY CHARTS

Size 58 × 90 cm (In English only)

The charts aim at familiarising students with the subject in a very realistic way and in social context. These delineate the process of life and of the technology that conditions our world today. The students will come to know the intricacies of the phenomenon and how it can be best used for the benefit of mankind. Using the latest printing technology the charts are printed on art paper in full colours and are duly laminated on both sides with thick plastic film and are fitted with plastic rollers.

BOTANY

STB01 Plant Kingdom : Classification of plants, Cryptogamae, Phanerogame.
STB02 Typical Plant : Non-flowering plants, Flowering plants.
STB03 Typical Plant Cell : Structure.
STB04 Plant Cell Organelles : Nucleus, Cell Wall, Cell membrane, Endoplasmic reticulum, Mitochondria, Golgi bodies, Plastids, Chloroplast.
STB05 Plant Tissues : Meristematic, Permanent.
STB06 Plant Cell Mitosis : Cell division in plant somatic cells.
STB07 Plant Cell Meiosis : Reductional cell division in plants.
STB08 T.S. Stem - Monocot : Maize stem.
STB09 T.S. Dicot Stem (Sunflower) : T.S. stem of Helianthus annuus.
STB10 T.S. Root - Monocot : Maize root.
STB11 T.S. of Dicot Root : Gram root.
STB12 T.S. Leaf - Monocot : Maize, Boutelova (C_4 grass), Poa annua (C_3 grass).
STB13 T.S. Leaf - Dicot : Mango, Waterlily, Nerium oleander.
STB14 Types of Leaves : Simple, Compound, Heterophyll, Phyllotaxy, Venation.
STB15 Root Systems : Tap, Fibrous, Adventitious.
STB16 Structure of Flower : Parts, Symmetry & floral diagram Actinomorphic, Zygomorphic, Assymetrical, Position of floral organs.
STB17 Calyx and Corolla : Calyx modifications, Shapes of corolla.
STB18 Inflorescences : Racemose, Cymose.
STB19 Fruits : Parts, Classification - simple, Aggregate, Composite.
STB20 The Seed : Structure & Germination : Dicot- exalbuminous & albuminous, Monocot exalbuminous & albuminous, Condition necessary for germination, Epigeal, Hypogeal.
STB21 Germination of Seed - Bean & Pea : Hypogeal germination, Epigeal germination.
STB22 Dispersal of Fruits & Seeds : Dispersal by - air, animals, water, explosion.
STB23 Photosynthesis : Calvin benson cycle light reaction, Dark reaction, Requirements.
STB24 Plant Diseases : Black rot, Late blight, Bacterial wilt, Smut, Brown spot, TMV, Brown rust, Yellow mosaic, Red rot, Bacterial blight, Powdery mildew, Leaf curl.
STB25 Reproduction in Plants : Vegetative reproduction, Spore formation, Sexual reproduction of flowering plants.
STB26 Pollination : Autogamy, Geitonogamy, Xenogamy, Anemophily, Hydrophily, Biotic (zoophily).
STB27 Double Fertilization : Megasporogenesis, Microsporogenesis.
STB28 Artificial Vegetative Propagation : Tissue culture, Cutting, Layering, Grafting.
STB29 Stem Modifications : Underground modification, Subaerial modification, Aerial modification.
STB30 Root Modifications : Modifications of tap root, Adventitous root and roots for support.
STB31 Hydrophytes : External features & anatomical characters.
STB32 Mesophytes : General description, external features & anatomical characters.

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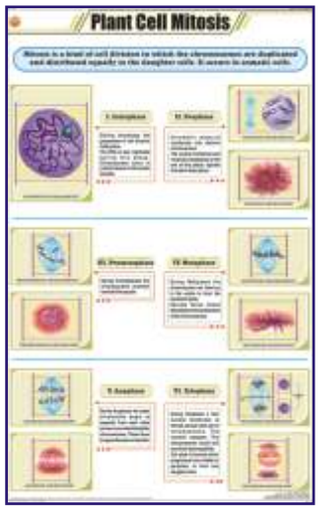

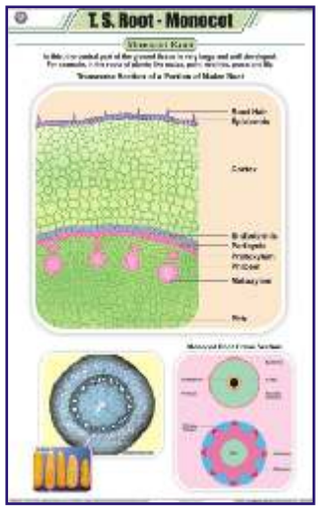

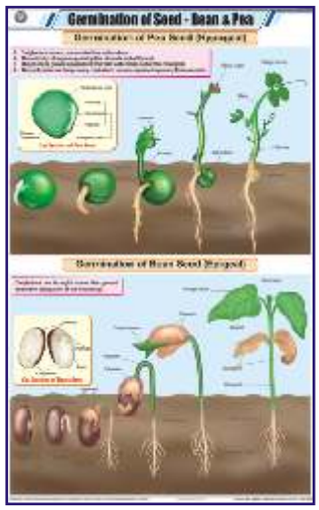

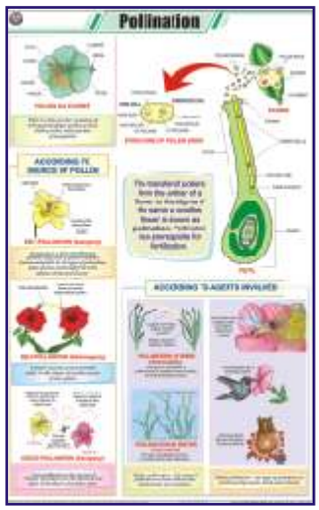

Illustrations are selective. For orders refer the list above.

BOTANY

STB33 Xerophytes : External features & anatomical characters.
STB34 Insectivorous Plants : Sundew (drosera), Venus fly-trap (dionaea), Pitcher plant (nepenthes),Bladderwort (urticularia).
STB35 Fungi : Classification, Symbiotic relationships, Economic importance, Harmful effects, Animal & plant fungal diseases.
STB36 Algae : Classification, Uses, Harms.
STB37 Viruses : Classification, Plant and animal viral diseases.
STB38 Bacteria : Classification, Shape, Respiration, Chemical nature of cell wall, Growth & reproduction, Useful activities, Diseases.
STB39 Life Cycle of Fern : Life cycle of pteridophyte (fern).
STB40 Life Cycle of Moss : Life cycle of bryophyte (moss).
STB41 Spirogyra : Structure, Reproduction.
STB42 Life Cycle of Mushroom : Life cycle of fungi (mushroom).
STB43 Leaf Modification : Tendrils, Spines, Thorns, Bracts, Flashy Leaves, Adhesive disc, Reproductive leaf, Phyllode, Insectivory.
STB44 Parasitic Plants : Holoparasites - rafflesia, Ivy broomrape, cuscuta, Hemiparasites - Indian paintbrush, mistletoe, owl's clover.
STB45 Mucor : Structure & reproduction of common mold.
STB46 Regions of Root : Region of maturation, Elongation and cell division.
STB47 Vascular Bundle : Xylem & Phloem tissues. NEW
STB48 Secondary Growth : In plants NEW

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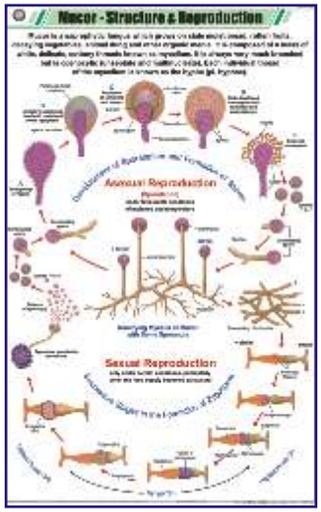

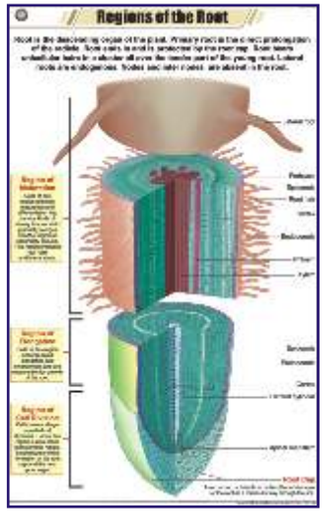

ZOOLOGY

STZ01 Animal Kingdom : Classification in several phylum, Classification of sub-phylum vertebrata into different classes.
STZ02 Animal Cell : Structure.
STZ03 Animal Cell Organelles : Nucleus, Nuclear membrane, Cell membrane, Golgi bodies, Centriole, Ribosomes, Endoplasmic reticulum, Cilium, Flagellum, Mitochondria, Lysosome, Peroxisome.
STZ04 Animal Tissues : Epithelial, Connective, Muscular, Nervous.
STZ05 Animal Cell Mitosis : Cell division in animal somatic cells.
STZ06 Animal Cell Meiosis : Reductional cell division.
STZ07 Gametogenesis in Animals : Oogenesis, Spermatogenesis.
STZ08 Fertilization in Animals : Structure of sperm & ovum, Fertilization process.
STZ09 Protozoa : Classification into 4 classes- Rhizopoda (amoeba), Mastigophora (euglena, giardia), Ciliophora (paramoecium), Sporozoa (plasmodium vivax).
STZ10 Amoeba : Structure, Nutrition and reproduction.
STZ11 Malaria Parasite : Life cycle of malaria parasite - plasmodium vivax.
STZ12 Paramoecium : Structure, Nutrition, Locomotion and reproduction.
STZ13 Hydra : Structure, LS of body wall, Nematocyst, Reproduction & developmental stages.
STZ14 Liver Fluke : Structure and life cycle.
STZ15 Tapeworm : Morphology, Anatomy and general characteristics.
STZ16 Roundworm (Ascaris) : Structure, Systems.
STZ17 Hookworm : Structure, Life cycle.
STZ18 Life History of Mosquito : Stages of life cycle of mosquito.
STZ19 Life Cycle of Butterfly
STZ20 Life History of Housefly
STZ21 Life History of frog
STZ22 Human Blood : Functions, Components, RBC structure, Blood group, Blood clotting.
STZ23 Body's Defense : Types of Leucocytes, Vaccination,Structure of antibody, Acquired Immunity.
STZ24 Harmful Insects
STZ25 Beneficial Insects
STZ26 Food Habits of Birds

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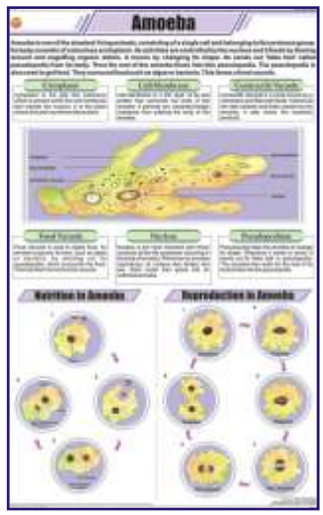

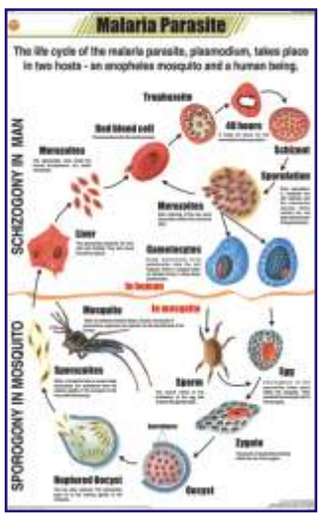

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ZOOLOGY

STZ27 Fish Anatomy : Bony fish-general anatomy & skeletal system, Cartilaginous fish-general anatomy, Gill structure.
STZ28 Birth of a Bird's Chick
STZ29 Earthworm I : Ext. Morphology & Reproduction.
STZ30 Earthworm II : Blood Circulation, Respiratory & Nervous system.
STZ31 Earthworm III : Digestion, Skin & Excretion.
STZ32 Cockroach I : Morphology & Reproduction.
STZ33 Cockroach II : Blood Circulation, Respiratory & Nervous system.
STZ34 Cockroach III : Digestion, Excretory, Skin & Muscles.
STZ35 Vertebrate Classes
STZ36 Sense Organs : Eye, Ear, Tongue, Skin, Nose.
STZ37 General Dissection of Rabbit : Dissection of a mammal
STZ38 Neuron : Structure, Synapse, Bipolar N., Unipolar N., Multipolar N.
STZ39 Early Development of the Frog
STZ40 Frog's Morphology & Internal Structure
STZ41 Frog's Urogenital System : Male & Female urogenital system.
STZ42 Frog's Circulatory System : Frog's heart (Bullfrog).
STZ43 Frog's Nervous System : Brain of frog.
STZ44 Frog's Muscular System
STZ45 Life Cycle of Cockroach
STZ46 Skeleton of a Bird : Skeleton of pigeon, Anatomy of flying.
STZ47 Skeleton of Rabbit : Axial & appendicular skeleton of rabbit.

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CHEMISTRY

STC01 Atom And Atomic Structure : JJ Thompson discharge tube experiment, Rutherford's gold leaf experiment, Chadwick, Goldstein, Rutherford & Bohr's contribution.
STC02 Chemical Reactivity of an Element : Reactivity series of metals.
STC03 Chemical Reaction & its Characteristics
STC04 Classification of Chemical Reactions : Combination reaction, Decomposition reaction, Displacement reaction, Drouble displacement reaction, Redox reaction, Exothermic - endothermic reaction, Photochemical reaction.
STC05 Valencies of Elements
STC06 Chemical Bonding : Covalent bonding, Ionic bonding, Metallic bonding, Hydrogen bonding.
STC07 Combustion : Types of combustion - rapid, slow, explosion, complete, incomplete, ignition temperature.
STC08 Separation of Substances : Distillation, Fractional distillation, Loading, Filteration, Churning, Evaporation & crystallisation, Magnetic separation, Sedimentation & decantation, Centrifugation, Sieving, Winnowing, Sublimation, Separating funnel.
STC09 Atmosphere and Composition of Air : Layers of atmosphere, Composition of air.
STC10 Occurrence and Forms of Carbon
STC11 Carbon dioxide and Carbon Monoxide
STC12 Carbonates and Bicarbonates : Sodium carbonate, Calcium carbonate, Sodium bicarbonate.
STC13 Sulphur : Extraction, Structure, Types, Effects of heat, Vulcanisation.

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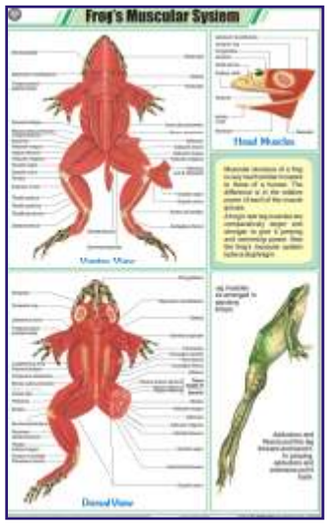
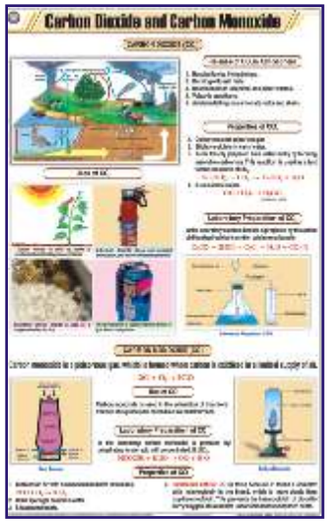
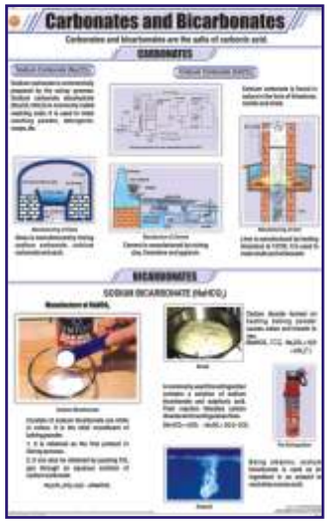
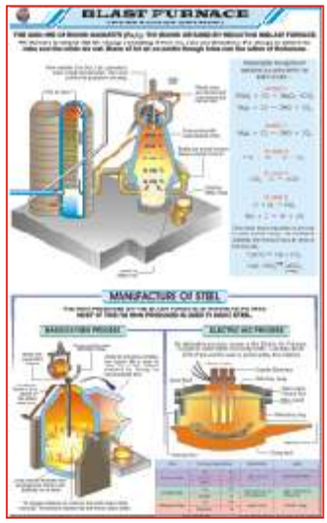


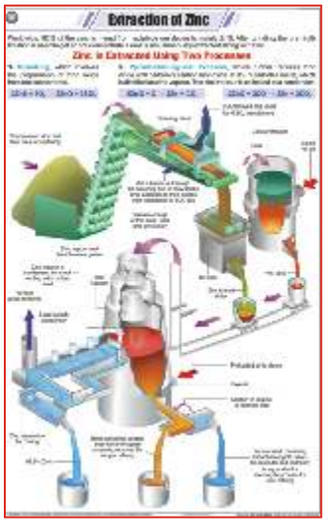


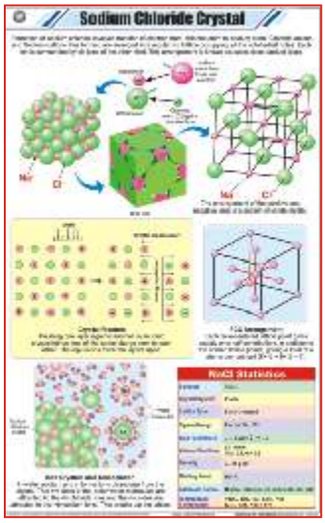


CHEMISTRY

STC14 Mole Concept : Avagadro number, Avogadro's hypothesis.
STC15 Composition of Water by Weight : Berzelius, Dulong & Dumas method, Morley's method, Proust's law.
STC16 Different Kinds of Cells : Galvanic cell, Dry cell, Car battery, Rechargeable cell, Sodium sulphur battery, Solar cell, Fuel cell, Mercury zinc button cell.
STC17 Electroplating & Corrosion
STC18 Cement and Concrete
STC19 Manufacture of Glass
STC20 Alkanes : General formula, Nomenclature, Applications, Methane molecule.
STC21 Alkenes : General formula, Functional group, Structure and IUPAC names, Preparation, Applications.
STC22 Alkynes : General formula, Functional group, Nomenclature, Structure & IUPAC names, Preparation, Applications.
STC23 Alcohols : General formula, Functional group, Nomenclature, IUPAC names & structure, Preparation, Uses of ethanol.
STC24 Esters : General formula, Nomenclature, Common esters, Preparation, Application.
STC25 Organic Acids : Functional group, Common organic acids, Applications.
STC26 Soaps and Detergents : Structure, Cleansing action, Problem with hard water.
STC27 Plastics : Thermoplastics - PVC & polythene, Thermosetting - bakelite & melamine.
STC28 Synthetic Fibres : Rayon, Polyester, Nylon, Acrylic.
STC29 Blast Furnace : Blast furnace, Manufacture of steel-basic oxygen process & electric arc process.
STC30 Aluminium Metallurgy : Bayer's process, Hall-Heroult process, Uses.
STC31 Copper Metallurgy : Important ores, Extraction process, Electrolysis, Uses.
STC32 Extraction of Zinc : Roasting, Pyrometallurgical Process.
STC33 Prep. of Sodium Hydroxide & Sodium Carbonate : Castner kellner cell, Solvay process.
STC34 Prep. of Nitrogen and Nitric acid : Laboratory prep. of nitrogen & nitric acid, Cryogenic distillation, Ostwald's process.
STC35 Prep. of Chlorine and Hydrochloric acid
STC36 Prep. of Sulphur Dioxide & Sulphuric acid : Contact process.
STC37 Prep. of Ammonia and Haber Process
STC38 Prep. of Oxygen and Liquefaction of Air
STC39 Prep. of H_2 & CO_2 : Lab preparation of hydrogen and carbon dioxide, Steam re-forming of natural gas.
STC40 Manufacture of Bleaching Powder : Hasenclever plant, Bachmann's plant.
STC41 Manufacture of Phosphorus : Manufacture of while phosphorus and red phosphorus.
STC42 Crystal Lattices
STC43 Close Packed Structures







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CHEMISTRY

STC44 Sodium Chloride Crystal

STC45 Acids, Bases and Salts

STC46 Electrolysis : Electrolysis of molten NaCl, Faraday's laws of electrolysis, Refining, Electroplating.

STC47 Atoms and Molecules : Atomic No, Mass No, Istopes, Isobars, Isotones, Molecules, Chemical formula.

STC48 Solids, Liquids & Gases : Forms of matter, Change of state.

STC49 Shapes of Atomic Orbitals : Quantum numbers, Shapes of s, p, d & f orbitals. NEW

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PHYSICS

STP01 Motion : Linear motion - rectilinear, curvilinear; Rotational motion, Oscillatory motion, Periodic motion.

STP02 Changes Around Us

STP03 Metric Weights and Measures : SI units and their multiples and submultiples.

STP04 Measurements : Standard systems of measurements.

STP05 Sound : What is sound?, Decibel scale of different sounds, Characteristics of sound, Sonic boom, Ultrasound & echo.

STP06 Wave Motion : Transverse wave, Longitudinal wave.

STP07 Simple Machine : Lever , Pulley, Wedge, Inclined plane, Screw, Wheel & Axle.

STP08 The Lever : Lever of - first class, second class, third class.

STP09 Principle of Archimedes

STP10 Pascal's Law

STP11 Reflection of Light : Laws of reflection, Image formation by plane & spherical mirrors.

STP12 Refraction Through a Glass Slab : Lateral displacement, Refractive index, Refraction through different mediums, Total internal reflection.

STP13 Refraction Through Prisms : Dispersion, Refraction through equilateral prism, Re-combination of spectrum colours, Rainbow.

STP14 Refraction of Light Through lenses : Image formation by concave and convex lenses.

STP15 Optical Instruments : Slide projector, Binoculars, Telescope, Compound microscope, Magnifying glass camera, Periscope.

STP16 Microscope : Compound microscope, Electron microscope, Ray diagram.

STP17 Telescope : Refracting telescope, Ray diagram of refracting & reflecting (cassegrain) telescope.

STP18 Eye and its Defects : TS of eyeball, Presbyopia, Cataract, Myopia, Hypermetropia, Astigmatism.

STP19 Electric Current-Sources-Effects

STP20 Static Electricity : Electroscope, Vande-Graff generator, Electrostatic induction, Lightning spark, Photocopier.

STP21 Current Electricity : Electric current, Conventional current, Wiring of a plug, Transmission of electricity, Electric circuit inside a torch and a house.

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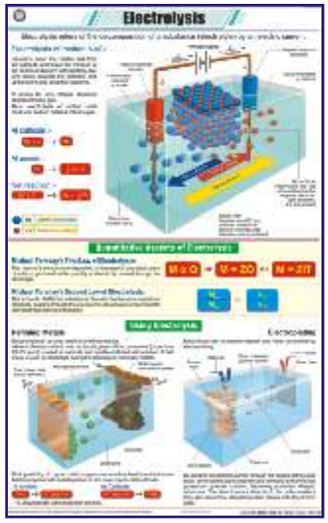
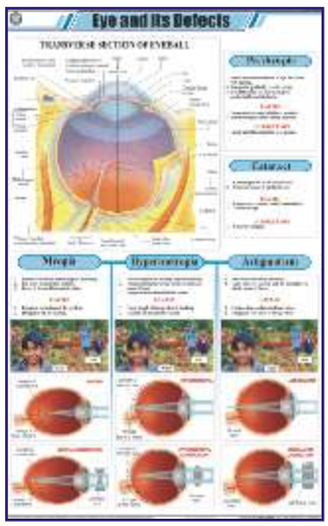




Illustrations are selective. For orders refer the list above.

PHYSICS

STP22 Ohm's Law & Electrical Resistance : Ohm's law, Factors affecting resistance, Resistance of series and parallel combination.

STP23 Electric Circuit's Components Symbols

STP24 Magnetism : Earth's magnetic field, Magnetic compass, Types of magnets, Theory of magnetism, Vah allen radiation belt.

STP25 Properties of a Magnet, Making a Magnet

STP26 Electromagnetism : Oersted's experiment, Magnetic field of a current carrying conducor markwell's right hand grip rule, Fleming's left hand rule, Applications.

STP27 Electromagnetic Induction : Induction using bar magnet, Self-induction, Mutual induction, Fleming's right hand rule, Applications.

STP28 Electric Motor : simple DC & AC motor, commercial electric motor, applications.

STP29 Electric Bell

STP30 Electric Generator : AC & DC generator.

STP31 Dynamo : Dynamo principle, Bicycle bottle dynamo, Faraday's disc dynamo : Pixii's commutated DC dynamo.

STP32 Force : Effects of force, Combining force.

STP33 Friction : Static, kinetic & rolling friction. Advantages & disadvantages of friction, Methods of increasing or decreasing friction.

STP34 Gravitation : Universal law of gravitation, Gravitational constant G, Acceleration due to gravity, Weight, Weightlessness.

STP35 Moment and Couple : Moment (Torque), Couple.

STP36 Work and Power

STP37 Nuclear Fusion : Proton-Proton chain, CNO cycle, Controlled fusion, Hydrogen bomb.

STP38 Nuclear Fission : Chain reaction, Spontaneous fission, Controlled fission, Neutron induced fission, Breeding plutonium-239, Enrichment of nuclear fuel.

STP39 Nuclear Reactor : Pressurized water reactor, Fast nuclear reactor.

STP40 Radioactivity : Types of radioactive radiatious, Penetrating power, Carbon dating, Dacay of uranium-238.

STP41 Radio Telescope : Radio telescope, Astronomical interferometers.

STP42 X-Ray

STP43 Television

STP44 Multistage Rocket

STP45 Wind Mill

STP46 Petrol Engine : Four stroke petrol engine.

STP47 Steam Engine

STP48 Diode : Types & symbols.

STP49 Universe I (Life Cycle of a Star)

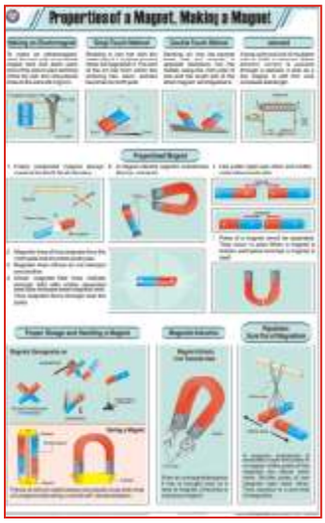
STP50 Universe II (Comets & Meteors) : Structure of comet, Meteorite strike, Types of meteorites.

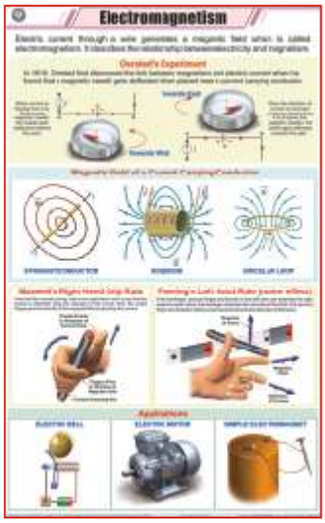
STP51 Star Map

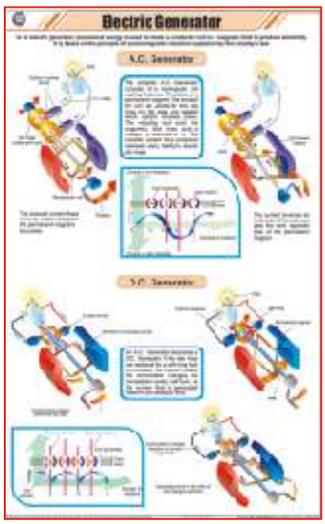
STP52 Newton's Laws of Motion : Newton's first, Second & third law of motion.

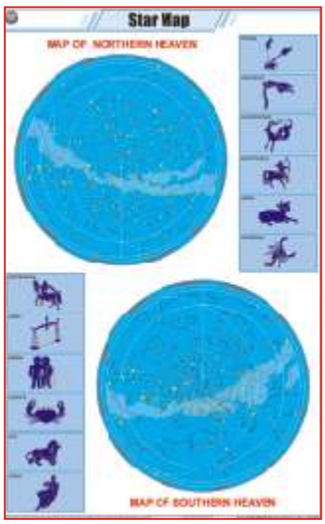
STP53 Simple Electric Circuit : Open & close circuit, Parallel circuit, Series circuit.

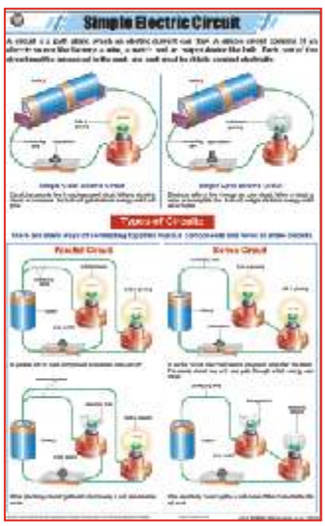
Each Rs. 160.00







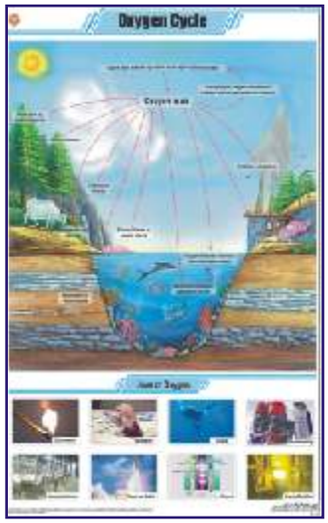


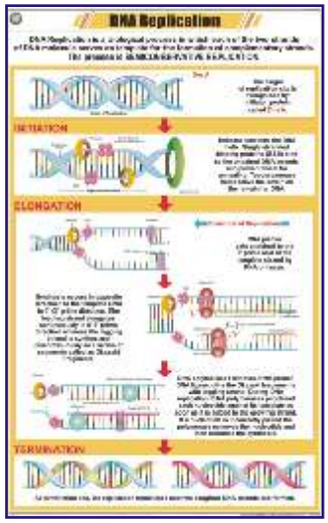


Illustrations are selective. For orders refer the list above.

GENERAL

STG01 The Cell Theory : Prokaryotic, Eukaryotic, Unicellular, Multicellular, Cell theory.
STG02 DNA : Z DNA, B DNA, Double helix structure, Nucleotide.
STG03 RNA : rRNA, mRNA, tRNA, Flow of genetic information, Virus structure.
STG04 Levels of Organization
STG05 Origin of Life : Miller and Urey experiment, Steps in origin of life, Coacervates.
STG06 Cellular Respiration (Kreb's Cycle) : Glycolysis, Krebs TCA cycle, electron transport chain.
STG07 Animal Husbandry : Breeding, Feeding, Weeding, Heeding.
STG08 Economic Plants
STG09 Basic Agricultural Practices
STG10 Medicinal Plants - I
STG11 Medicinal Plants - II
STG12 Energy Needs : Hydro, Chemical, Solar, Wind, Bio, Magnetic, Nuclear, Sound & Light energy.
STG13 Fossil Fuels : Types-solid, liquid, gaseous, calorific value, characteristics coal & petroleum, Fractional distillation.
STG14 Petroleum & Natural Gas : Formation of petroleum, Oil drilling, Fractional distillation.
STG15 Renewable Sources of Energy
STG16 Nuclear Energy : Nuclear energy power plant, Fission, Fusion, Atomic bomb, Hydrogen bomb, Uses, Effects.
STG17 Bio-Gas : Fixed dome type, Floating gas holder type.
STG18 Nitrogen Cycle
STG19 Oxygen Cycle
STG20 Carbon Cycle
STG21 Fire & Fire Extinguishers : Classification of fire, Uses of fire extinguisher, Types of fire extinguishers. Water-CO_2 type, Mechanical foam (AFFF) type, Dry chemical powder (DCP) type, Carbon dioxide type.
STG22 Soil- A natural Resource : Uses, Soil erosion, Soil conservation, Soil pollution.
STG23 How Soil is formed and Soil Profile : Agents of weathering, Layers of soil.
STG24 Types of Soils in India
STG25 Food Chain in Forest Ecosystem : Simple food chain, Food web.
STG26 Solar Cooker : Solar cooker, - Box type, Parabolic type, Panel type.
STG27 Water Harvesting
STG28 Purification of Water : Boiling, Distillation, Filtration, Chlorination, Reverse osmosis, Domestic RO system.
STG29 Poultry : Indegenious breeds, Exotic breeds, Equipments, Behaviour under brooders.
STG30 Sericulture (L.H. Silkworm) : Stages of silk production, Life cycle of bombyx mori.
STG31 Apiculture (L.H. Honeybee) : Queen honey bee, Artificial bee hive, Honey extractor & extraction.
STG32 Food Pyramid : Food pyramid, Components, Balanced diet.
STG33 Microorganisms
STG34 Mutation : Insertion, Duplication, Deletion, Inversion, Translocation, Frame shift, Point mutation.
STG35 Enzymes : Structure, Mechanism, Classification, Enzyme activity.
STG36 DNA Replication : Initiation, Elongation, Termination.
STG37 Osmosis
STG38 Evidence of the Evolution of Life NEW
STG39 Food Chain in Pond Ecosystem NEW
STG40 Food Chain in Desert Ecosystem NEW



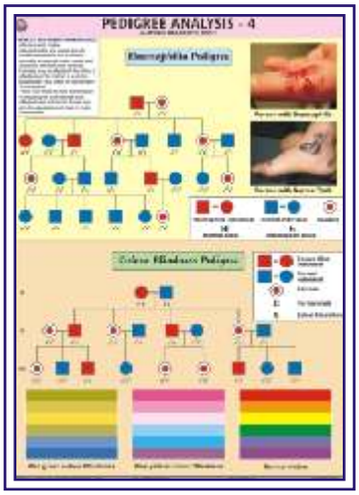


Each Rs. 160.00

These charts are highly illustrative.

GENETICS AND EVOLUTION CHARTS

Printed on Polyart Synthetic Paper. Size 70 x 100 cm. Price Rs. 200.00 Each



GE01S Pedigree Analysis-1 : showing standard symbols used in Pedigree Analysis and Sample Pedigree.

GE02S Pedigree Analysis-2 : showing Autosomal Dominant Trait Pedigree such as Myotonic Dystrophy and Tongue Curler Pedigree.

GE03S Pedigree Analysis-3 : showing Autosomal Recessive Trait Pedigree such as Inheritance of Attached Ear Lobe and Inheritance of Sickle Cell Anaemia.

GE04S Pedigree Analysis-4 : showing X-linked Recessive Trait Pedigree such as Haemophilia and Colour Blindness Pedigree.

GE05S Pedigree Analysis-5 : showing X-linked Dominant Trait Pedigree such as Hypophosphatemia and Droopy Eyelids Pedigree.

GE06S Pedigree Analysis-6 : showing Y-linked Trait - Hairy Ear and Mitochondrial Inheritance Pedigree.

GE07S Homologous Organs - Animals: showing Forelimbs of Bat, Turtle, Horse, Human, Bird and Dolphin demonstrating Homology.

GE08S Analogous Organs - Animals: showing Wings of Bird, Butterfly, Pterosaur and Bat demonstrating Analogy.

GE09S Homologous Organs - Plants: showing thorn of Bougainvillea, tendrils of Cucurbita, fleshy cylindrical stem of Euphorbia, fleshy flattened stem of Opuntia, leafy shoots of Chrysanthemum and pineapple representing Plant Homology.

GE10S Analogous Organs - Plants: showing thorn of Pyracantha, spine of Berberis vulgaris, prickles of Prosopis grandulosa and stipular spines of Black Locust representing Plant Analogy.

GE11S Hybridisation-1 (Monohybrid Cross) : Cross between Purple coloured and White coloured flower Pea Plant demonstrating inheritance of one dominant character and expression of recessive parental trait without blending in F2 generation.

GE12S Hybridisation-2 (Dihybrid Cross) : Cross between Pea Plants differing in two traits (pod colour & plant height) showing segregation of one pair of character is independent of the other pair of characters.

GE13S Hybridisation-3 (Incomplete Dominance) : Cross between true breeding Red and White Snapdragon flower plants showing one character is not completely dominant over other.

CHARTS ON AIDS

Printed on Polyart Synthetic Paper. Size 70 x 100 cm. Price Rs. 200.00 Each

AS01S HIV : showing structure and mechanism of infection of Human Immunodeficiency Virus

AS02S Transmission of HIV : explaining different ways which can spread the HIV infection and cause AIDS.

AS03S Prevention : showing various measures which, when adopted, prevent transmission of HIV infection.

AS04S How AIDS is not transmitted : showing various routine tasks which are not involved in transmission of HIV.

AS05S Progress of Infection : showing how HIV infection typically progresses through various stages.

AS06S Opportunistic Diseases : depicting complications which an AIDS patient develops that otherwise wouldn't normally occur in a person with a healthy immune system.

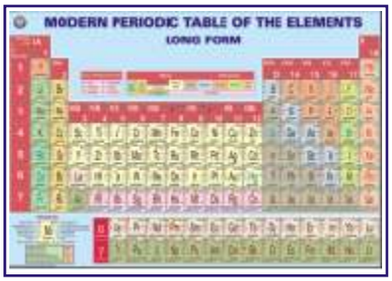
AS07S Sexually Transmitted Diseases : showing various sexually transmitted diseases which increase the chances of acquiring HIV infection by an individual when exposed to the virus.

HP26S Human Immune System : showing different organs involved in a healthy immune mechanism. As AIDS progressively weakens the immune system, chart gives an outline of functions of Immune System to better understand what AIDS can do.

Illustrations are selective. For orders refer the list above.

CHEMISTRY LAB DISPLAY CHARTS

PERIODIC CHART OF ELEMENTS



A Most detailed chart printed in multi colours showing Solids, Liquids and Gases in separate distinctive colours together with their Atomic Numbers, Density, Atomic Radius, Melting Point, Electronic Structure, Electro negativity. First Ionization Energy. Oxidation State and Crystal structure.

PT01	Size 140 × 100 cm Laminated	Rs. 320.00
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LABORATORY FIRST AID
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LAB SAFETY CHARTS

Size 30 × 45 cm, Printed on 300 gsm art paper & lamination on both sides.

NEW

LSC01	Protect yourself, Dress appropriately
LSC02	Always wash your hands before and after the experiment
LSC03	Keep the testing area and vessels clean before & after the experiment
LSC04	Never eat or drink while performing experiments
LSC05	Avoid using glassware that is cracked or chipped
LSC06	Keep your face away from reaction vessels
LSC07	Never suck liquid chemicals by mouth, Use a pipette bulb
LSC08	Beware! Hot & cold look a like
LSC09	Never touch or taste chemicals
LSC10	Always experiment under supervision, Inform supervisor in case of accident
LSC11	Act responsibly, Don't fool around in the laboratory
LSC12	Always keep the fire extinguisher & first aid box within reach

Price Rs. 720.00 per set of 12

Laminated with thick plastic film on both sides & fitted with superior plastic rollers.

CHARTS ON FOOD AND NUTRITION

Size 70 x 100 cm. English & Hindi combined. Laminated Each Rs. 150.00

FN01 OUR FOOD : Chart shows various components and functions of food. It also illustrates food pyramid mentioning balance diet and daily requirement of nutrients by different age groups.

FN02 PROTEINS : Chart shows both animal and plant sources of protein. It also explains various functions performed by proteins in our body and some special conditions of high protein needs.

FN03 FATS : Chart shows a brief classification of fats with a mention of essential fatty acids. It also shows some of the important functions and sources of fats.

FN04 CARBOHYDRATES : Chart shows classification of carbohydrates as simple and complex with their various functions in the body. It also shows various foods rich in carbohydrates.

FN05 VITAMINS : Good explainative chart depicting both fat soluble and water soluble vitamins with their various sources and reasons of requirement in the body.

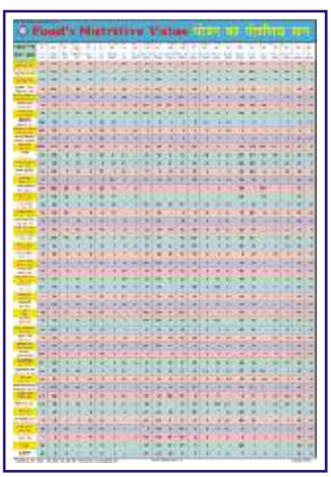
FN06 MINERALS : Important minerals like Sodium, Iron, Calcium, Iodine etc. required in our body to live a healthy life are shown in the chart. Chart also shows various functions they perform and their sources.

FN07 WATER & ROUGHAGE : Chart shows the importance of water and roughage and some major functions performed by them in the body. Chart also gives a good knowledge about their sources.

FN08 DEFICIENCY DISEASES : Chart shows the havoc conditions arised due to deficiency of various nutrients in the body and their symptoms. The understanding of chart will indicate the importance of good balanced diet.

FN09 OVERNUTRITION DISORDERS : Chart shows that not only deficiency but also the over consumption of food is not good for health. Various overnutritional disorders with their causes and symptoms are depicted in the chart.

FN10 Food's Nutritive Value : Chart shows the nutrient's composition of various common foodstuffs in a tabular form.



These charts will help the readers to remain healthy.

DISASTER MANAGEMENT CHARTS

Size 70 x 100 cm. English & Hindi combined. Laminated Each Rs. 150.00 NEW

DMS01 What is a Disaster
DMS04 Earthquake
DMS05 Tsunami
DMS06 Flood
DMS07 Cyclone
DMS08 Forest Fire

Coming Soon...

DMS02 Disaster Management Cycle-1
DMS03 Disaster Management Cycle-2
DMS09 Landslide
DMS10 Nuclear Disaster
DMS11 Chemical Disaster
DMS12 Biological Disaster

ENVIRONMENTAL SCIENCE

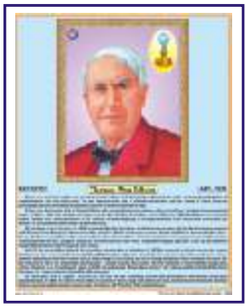
Size 50 x 75 cm. English. Laminated Each Rs. 84.00

ES01 Garbage Management NEW

Coming Soon...

Greenhouse effect
Global warming
Sewage treatment

LIFE SKETCH OF SCIENTISTS



Size 45 × 57 cm Approx. Laminated and fitted with plastic rollers.

LSS01	Albert Einstein	LSS08	H.J. Bhabha	LSS15	Raja Ramanna
LSS02	A.P.J. Kalam	LSS09	J.C. Bose	LSS16	Ramanujan
LSS03	Archimedes	LSS10	Louis Pasteur	LSS17	Rutherford
LSS04	Birbal Sahni	LSS11	Madam Curie	LSS18	S.N.Bose
LSS05	C.V. Raman	LSS12	Meghnad Saha	LSS19	Sarabhai
LSS06	Darwin	LSS13	Mendeleev	LSS20	Thomas Edison
LSS07	Galileo Galilie	LSS14	Newton		

(Available in English as well as in Hindi) *Each Rs. 64.00*

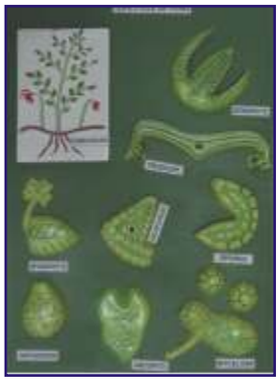
(Above product code is for English. Please add H to the code for Hindi)

BIOLOGY MODELS

BOTANY MODELS

Made of Fiber Glass on MDF Board. Each Model size 60 x 45 cm Price Rs. 1200.00 each

BMB01	Plant Cell	BMB08	T. S. Monocot Root	BMB15	Life Cycle : Moss
BMB02	Germination of Seed	BMB09	T. S. Dicot Root	BMB16	Life Cycle : Fern
BMB03	Fertilization & Angiosperms	BMB10	T. S. Monocot Stem	BMB17	Life Cycle : Fungus
BMB04	Plant Cell Meiosis	BMB11	T. S. Dicot Stem	BMB18	Spirogyra
BMB05	Plant Cell Mitosis	BMB12	T. S. Monocot Leaf	BMB19	Pitcher Plant
BMB06	L. S. Flower	BMB13	T. S. Dicot Leaf	BMB20	Funaria Plant
BMB07	L. S. Ovary	BMB14	Root Tip		



ZX-2200E
Types of Ovules

- Price Rs. 2350.00
- 4 pieces model on board.
- Model shows anatropous, orthotropous, amphitropous and hemi-anatropous ovules.
- Size : 45x60x3
- 9 parts labeled in total.

ZX-2600E
L.H. of Angiosperm

- Price Rs. 2350.00
- Model is a set of 19 piece.
- Model is mounted on board to show the life cycle of an angiosperm.
- Size : 60x45x3 cm.
- 13 parts labeled in total.

ZX-2500E
Monocot Seed Germination

- Price Rs. 1650.00
- Stages of germination (Hypogeal) in maize is shown.
- Mounted on wooden base.
- Size: 56 x 41 x 9 cm
- 8 parts labeled in total

ZX-2501E
Dicot Seed Germination

- Price Rs. 1650.00
- Stages of germination (Hypogeal) in pea is shown.
- Mounted on wooden base.
- Size: 56 x 41 x 9 cm.
- 8 parts labeled in total

MODELS OF FLOWERS

Made of Fiber Glass on stand.
Price Rs. 850.00 each

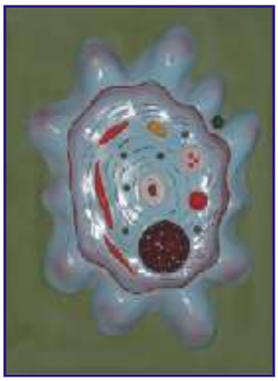
BMF01	Typical Flower
BMF02	Liliaceae Flower
BMF03	Rosaceae Flower

The models are manufactured under expert supervision.

ZOOLOGY MODELS

Made of Fiber Glass on MDF Board. Each Model Size 60 x 45 cm Price Rs. 1200.00 each

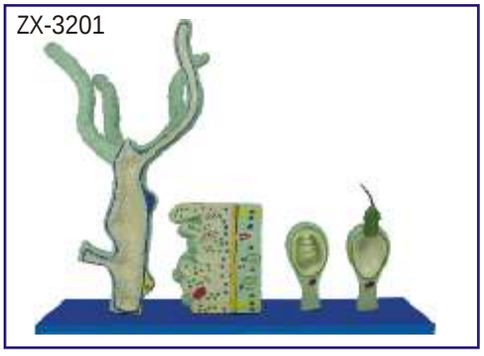
BMZ01	Animal Cell	BMZ08	Malarial Parasite	BMZ15	Development of Frog
BMZ02	Animal Cell Meiosis	BMZ09	Bacteria	BMZ16	Life History of Silk Worm
BMZ03	Animal Cell Mitosis	BMZ10	Virus	BMZ17	Life History of Mosquito
BMZ04	Amoeba	BMZ11	Frog Dissection	BMZ18	Life History of Honey Bee
BMZ05	Paramecium	BMZ12	Rat Dissection	BMZ19	Life History of Butterfly
BMZ06	Hydra	BMZ13	Fish Dissection	BMZ20	Life Cycle of Tapeworm
BMZ07	Euglena	BMZ14	Rabbit Dissection		



ZX-3200E Tape Worm

• Price Rs. 5100.00

- Set of 8 pieces model shows scolices of beef tapeworm (Taenia Saginla), pork tapeworm (Taenia Solium), mature egg, larval stage tapeworm and longitudinal sections of gravid, immature and mature proglottid.
- Size: 55x40x6 cm.
- 27 parts labeled in total.



ZX-3201 HYDRA

• Price Rs. 2200.00

- 4 piece model mounted on board.
- Significant anatomical features shown include ectoderm, mesoglea, coelenteron, male testis and female egg cells, buds, hypostome, nematoblast cells, cnidoblast etc.
- 28 parts are labeled in total.

ZX-3208E
Bony Fish General Anatomy

• Price Rs. 5200.00

- Replica model on stand of a bony fish (perch)
- Model is longitudinally dissected in 5 parts.
- Details of external features are shown on one side & internal anatomy is shown on other side.
- Removable parts are magnetically secured in position. 42 parts labeled in total.
- Life size.

SPECIAL MODELS ON HUMAN ANATOMY

HA101A HUMAN BODY TORSO - Torso with head with detachable internal structure of Head and neck, Organs of Thorax and abdomen cavities of the viscera can be emptied, for study of blood vessels. Dissectable in 12 parts made of Fibre Glass painted in natural colours. Made of Fiber Glass. Magnetic. Life Size Rs. 7000.00

HA101 HUMAN BODY - Torso with head with detachable internal structure of Head and neck, Organs of Thorax and abdomen cavities of the viscera can be emptied, for study of blood vessels. Dissectable in 12 parts made of Fibre Glass painted in natural colours. Made of Fiber Glass. Life Size Non magnetic. Rs. 4750.00

HA102 Human Body - Torso Small size Rs. 1300.00

HA103 HUMAN SKELETON - Life size made of fibre glass. All the bones shoulder & hip joints clearly depictable Rs. 2640.00

HA103S Stand for above Each Rs. 1400.00

HA104 HUMAN SKELETON - Plastic size 70 cm with stand. Rs. 600.00

HA105 HUMAN SKELETON - Plastic size 40 cm with stand. Each Rs. 150.00

HA106 Dummy with Doll made of Fibre Glass Each Rs. 3500.00

HA106A Dummy Baby for Dummy with Doll Each Rs. 1000.00

HA107 Female Pelvis with child Each Rs. 1250.00

HA108 Female Pelvis with reproductive organs Each Rs. 1300.00

HA101

HA109

HA109 Delivery Process Models set of 8 Set Rs. 6800.00

HA110 Development of Fetus/Embryo set of 9 Set Rs. 3200.00

HA110L

HA110L Development of Fetus/Embryo set of 9 Large size set Rs. 7500.00

HA111F Full Size Human Female Body Fibre Glass Showing organs & muscles Each Rs. 30000.00

HA111M Full Size Human Male Body Fibre Glass Showing organs & muscles Each Rs. 30000.00

HA112 RNA 60 x 45 cm Each Rs. 1200.00

HA113 DNA 60 x 45 cm Each Rs. 1200.00

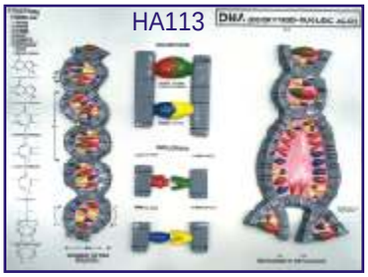
HA116 Human Placenta Model made of Fiber Glass Each Rs. 1300.00

HA111F

HA116

HA112

HA113



The models are manufactured under expert supervision.

SPECIAL MODELS ON HUMAN ANATOMY

Dissectable Models (Fibre Glass)

HA126	Eye Ball	Each Rs. 300.00
HA127	Human Heart	Each Rs. 300.00
HA128	Human Ear	Each Rs. 300.00
HA129	Human Brain	Each Rs. 300.00
HA130	Human Kidney	Each Rs. 300.00

Fibre Glass Models (Wooden Base) size 81 × 31 cm

HA151	Human Digestive System	Each Rs. 1200.00
HA152	Human Blood Circulatory	Each Rs. 1200.00
HA153	Human Nervous System	Each Rs. 1200.00
HA154	Human Reproductive Male	Each Rs. 1200.00
HA155	Human Reproductive Female	Each Rs. 1200.00
HA156	Human Excretory System	Each Rs. 1200.00
HA157	Human Respiratory System	Each Rs. 1200.00
HA201	Nursing Manikin Female Made of Fibre Glass Life Size	Each Rs. 18500.00
HA202	Nursing Manikin Male Made of Fibre Glass Life Size	Each Rs. 18500.00

HA126

HA127

HA128

HA130

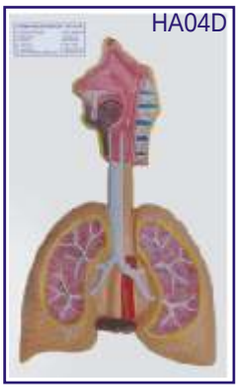
HA201

HUMAN ANATOMY 3-D MODELS

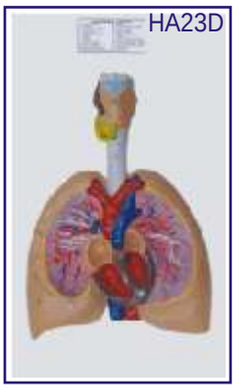
Deluxe Quality, Made of Fiber Glass, Mounted on Wooden Board
Size 30 × 50 cm Price Rs. 500.00 each

HA02D

HA03D


HA04D

HA16D


HA23D

HA01D	Teeth	HA11D	Spinal Cord	HA21D	Reproductive Organs (Female)
HA02D	Circulatory System	HA12D	Stomach	HA22D	Reproductive Organs (Male)
HA03D	Digestive System	HA13D	Liver	HA23D	Lungs with Heart & Larynx
HA04D	Respiratory System	HA14D	Kidney	HA24D	Skull
HA05D	Nervous System	HA15D	Brain	HA25D	Excretory System
HA06D	Skeleton	HA16D	Heart	HA26D	Endocrine System Male
HA07D	Head & Neck	HA17D	Eye	HA27D	Endocrine System Female
HA08D	Skin	HA18D	Ear	HA28D	Muscular System Front View
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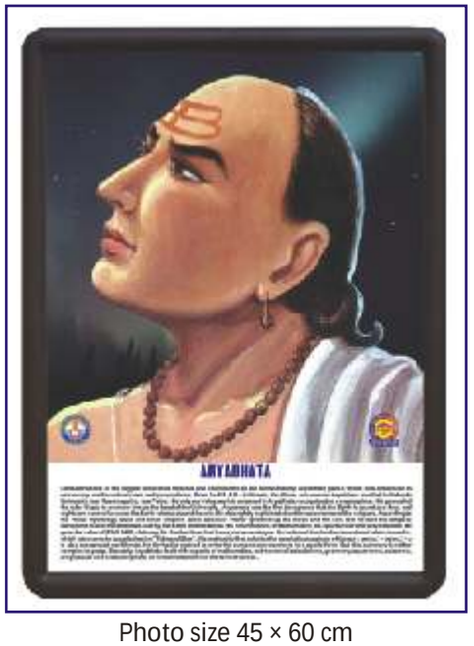

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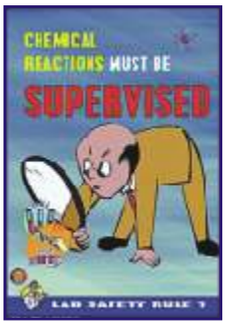
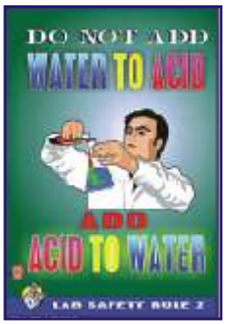
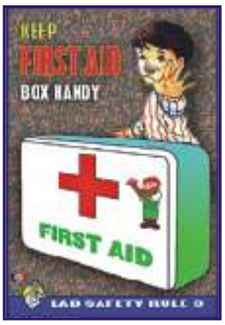
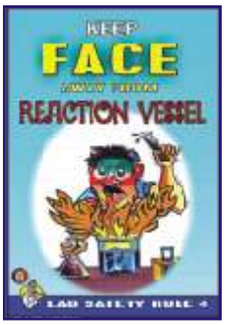
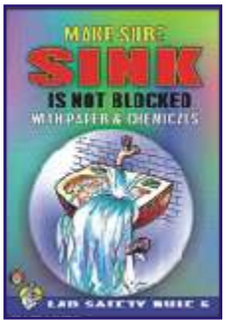
LSP01P Chemical reactions must be supervised
LSP02P Do not add water to acid
LSP03P Keep first aid box handy
LSP04P Keep face away from reaction vessel
LSP05P Learn to operate fire extinguisher
LSP06P Make sure sink is not blocked with paper & chemicals
LSP07P Never try to taste the chemicals
LSP08P No smoking in the lab
LSP09P Wear gloves & goggles during experiment
LSP10P Use fume hood while handling toxic substances

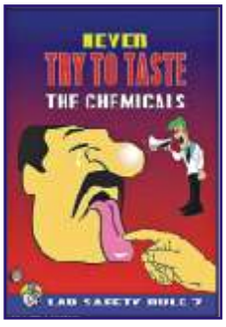


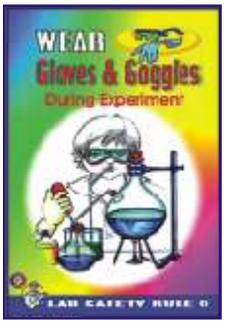


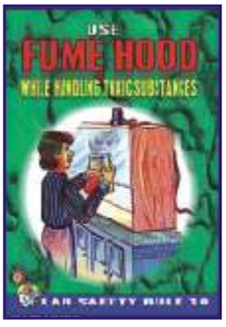












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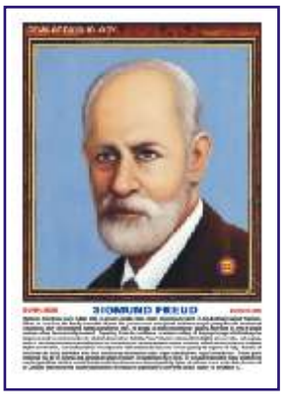

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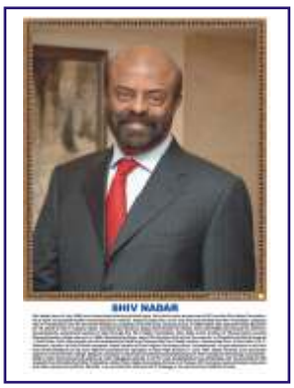

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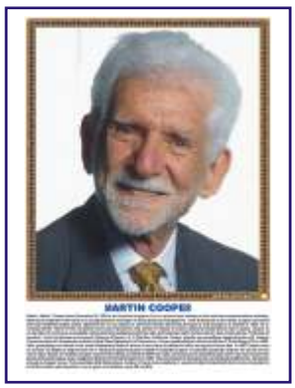
FCS10 Steve Jobs
FCS11 Sundar Pichai
FCS12 Tim Berners Lee



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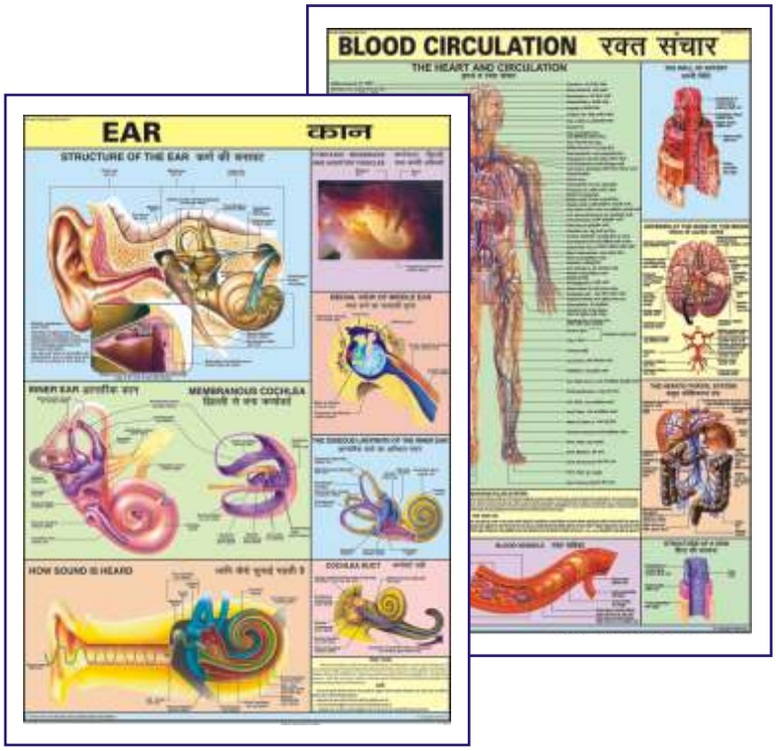

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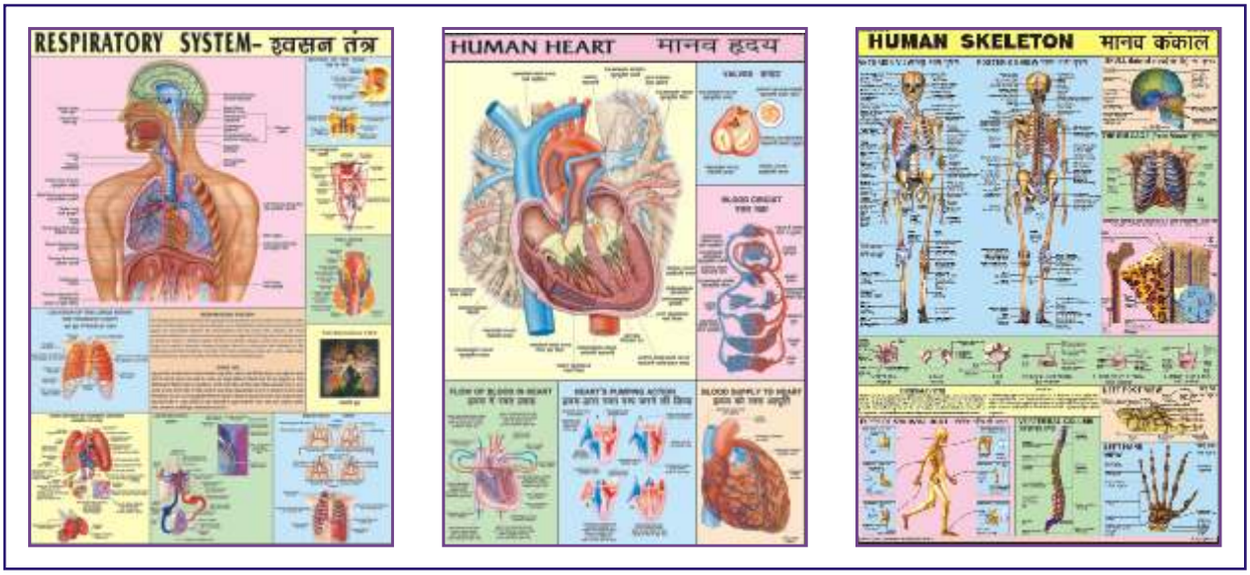

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Human Heart HP10S
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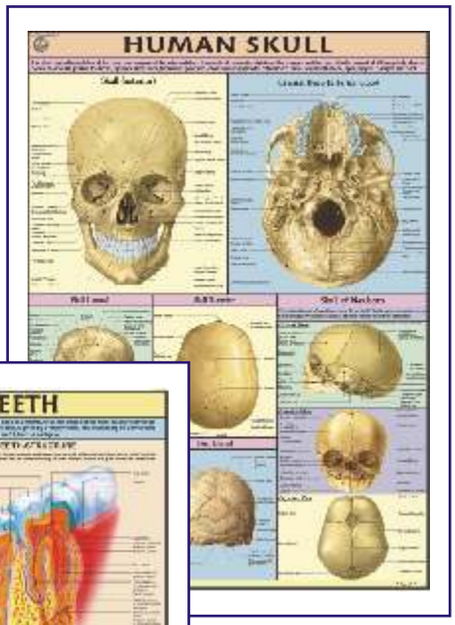

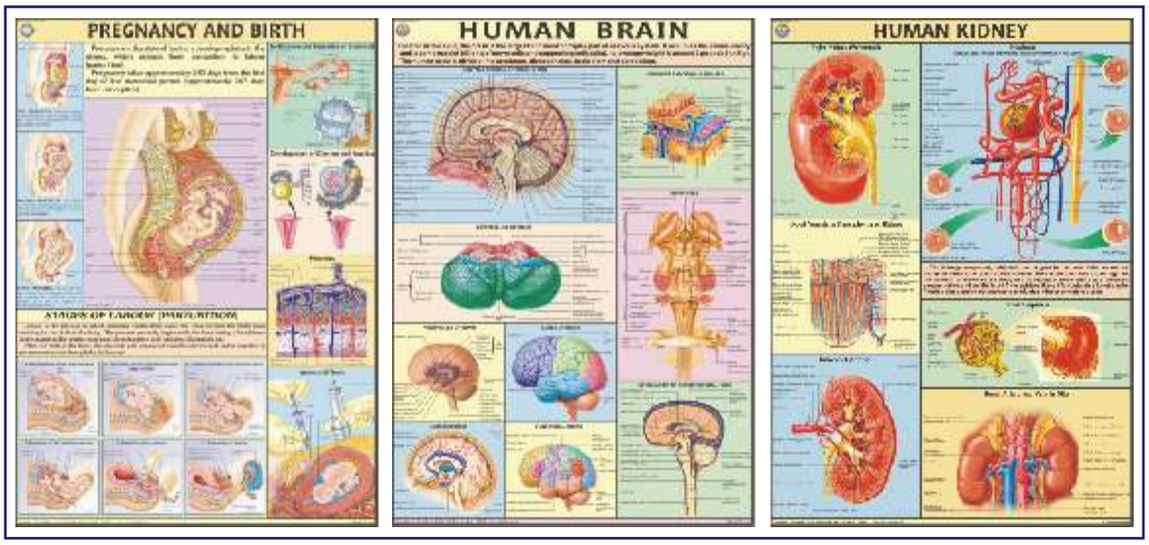

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FA06 Transport of the injured : How to carry an injured person so that minimum movement of the injured portion is assured.
FA07 Unconsciousness : Sun Stroke, fainting, epileptic fit, Infantile convulsions, drowning.
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FA09 Electric Shock Treatment : How to remove live wires, treatment & whom to contact.
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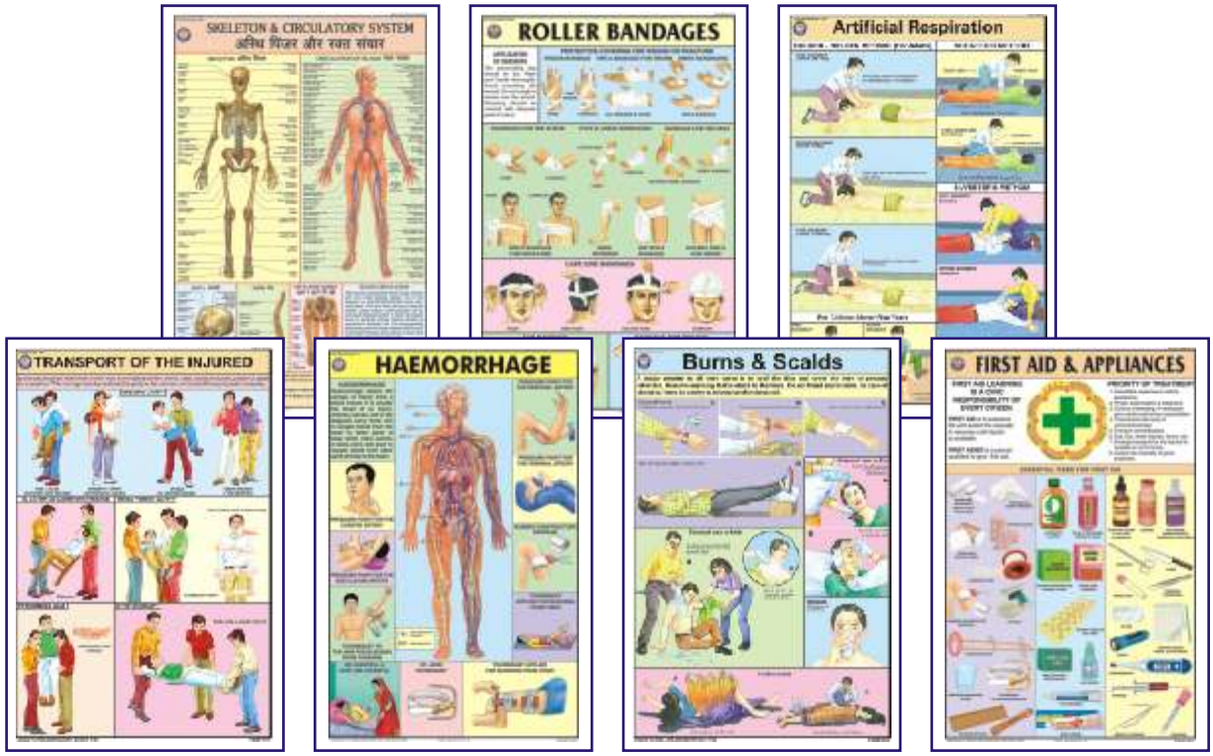

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YO02 2. Shankh Prakshalan : Kagasan, Tadasan, Triyak Tadasan, Triyak Bhujangasan, Kati Chakrasan, Udarakarashanasan, Shavasan.

YO03 3. Surya Namaskar : A series of twelve steps, a complete exercise of all the parts of body. It makes the body strong, beautiful & active.

YO04 4. Yog Mudras, Padmasan & Matsyasan : These remove Spinal & Cervical pain, Asthma, Diabetes, Mental weakness, Gastric troubles, Knee pain, Eye Defects.

YO05 5. Paschimottanasan & Ardh Matsyendrasan : Spine becomes flexible and Elastic, the Abdominal organs-Digestive system, Nervous system are toned up.

YO06 6. Vajrasan, Ustrasan & Supt Vajrasan : These remove cervical and slipdisc defects diseases of chest, lungs, heart, abdomen, kidney etc. , excess fatness of Abdomen and back

YO07 7. Bhujangasan, Shalbhasan, Dhanurasan & Mayurasan : Abdominal Organs are toned up. Spine is strengthened. Remove Gastic Intestinal disorders etc. Mental Powers are developed.

YO08 8. Pawan Muktasan & Chakrasan : Keep Spine Young & Flexible. Improve Eye sight, Hearing, Smell Taste & Circulation of Blood to the brain.

YO09 9. Sarvangasan & Halasan : Reduce fat, make arms, legs, Blood circulation, Digestive system, Liver strong and maintains youthful look etc.

YO10 10. Bandhas & Pranayams : Mool Bandh, Jalandhar Bandh, Uddiyan Bandh, Mahabandh. Pranayam Mudra, Lom-vilom Pranayam, Nadishodan Pranayam, Agnisar Kriya.

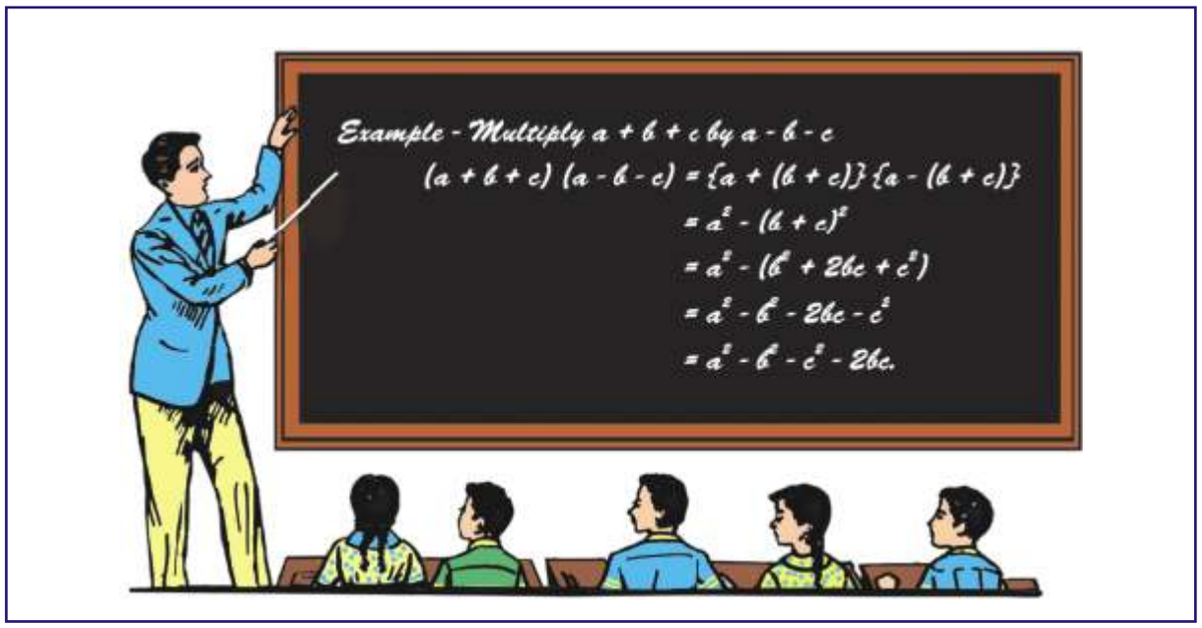
YO11 11. Spine & Related Organs : Composition of spine, Positions of Psychic centres and Endocrine Glands are shown.

YO12 12. Healthy Eye : Eye washing, tratak on rising sun, Eye exercises, Palming.

All the above Charts are available in English only also. Add E to the above code

Charts are laminated and fitted with plastic rollers.

LAMINATED BLACK OR GREEN BOARDS



ENTIRELY A NEW CONCEPT IN LAMINATION

These replace glass blackboards. Most durable and smooth & hard surface. These are unbreakable. Complete with metal frame and hooks for hanging. Please indicate the shade preferred (Black or Green).

Size in cm	Size in inches	Item code	Price with regular frame	Item code	Price with heavy angle
80 × 60 cm	32" × 24"	GB01RF or BB01RF	Rs. 1575.00	GB01HF or BB01HF	Rs. 1725.00
120 × 80 cm	48" × 32"	GB02RF or BB02RF	Rs. 2800.00	GB02HF or BB02HF	Rs. 3100.00
160 × 120 cm	64" × 48"	GB03RF or BB03RF	Rs. 6100.00	GB03HF or BB03HF	Rs. 6600.00
240 × 120 cm	96" × 48"	GB04RF or BB04RF	Rs. 7650.00	GB04HF or BB04HF	Rs. 8300.00

BLACK BOARD INSTRUMENTS

DS03 MAP POINTER wooden one Meter long each Rs. 60.00

MAP POINTER *Telescopic made of Brass nickelled*

DS04 60 cm Pen Type Rs. 95.00
DS05 90 cm Rs. 160.00
DS06 120 cm Rs. 190.00

DS07 Chalk Holder each Rs. 140.00
DS09 Black Board Duster wooden superior each Rs. 30.00
DS10 Deluxe quality made of plastic each Rs. 13.00
DS11 Chalk white Box of 50 each Rs. 12.00
DS12 Chalk coloured Box of 50 each Rs. 20.00

Black Board Geometrical Instruments Box : containing pair of set squares, protractor, compass, divider, scale & duster. made of plastic

DI01 Good Quality Plastic each Rs. 375.00
DI02 Extra Superior Quality Plastic each Rs. 550.00
DI03 Superior Quality Wooden each Rs. 775.00

DI04W Compass Wooden each Rs. 150.00
DI04P Compass Plastic each Rs. 80.00

STANDS FOR THE DISPLAY BOARDS

DS51	Black Board Stand Small	For Boards upto 90 × 60 cm	each Rs. 725.00
DS52	Black Board Stand Medium	For Boards upto 120 × 90 cm as illustrated	each Rs. 925.00
DS53	Black Board Stand Large	For Boards upto 160 × 120 cm	each Rs. 1600.00
DS54	Accessories Tray for Boards		Rs. 150.00
DS55	Powder Coated Collapsible Easle		Rs. 1500.00
DS56	Nickelled Heavy base stand for boards smaller than 90x60 cm		each Rs. 2000.00
DS57	Nickelled Heavy base stand for boards 90x60 cm or larger a pair will be required		Per pair Rs. 4000.00

KANSIL'S WHITE BOARDS

A versatile presentation aid. It dispenses away the use of chalk on the black board. This is infact the cleanest method used in conference rooms and lecture rooms. These are framed with aluminium angle and large size boards can conveniently be used as projection screen for OHP and slide projectors. The instructor can write with a specially designed marker pens available in 4 beautiful colours and the writing can be wiped off with an ordinary cloth. The size and the rates are as below:-

Size in cm	Size in inches	With Regular Frame		With Heavy Frame	
60 × 30	24" × 12"	WB01RF	Rs. 610.00	WB01HF	Rs. 690.00
60 × 45	24" × 18"	WB02RF	Rs. 840.00	WB02HF	Rs. 930.00
90 × 60	36" × 24"	WB03RF	Rs. 1500.00	WB03HF	Rs. 1680.00
120 × 60	48" × 24"	WB04RF	Rs. 2090.00	WB04HF	Rs. 2325.00
120 × 90	48" × 36"	WB05RF	Rs. 3000.00	WB05HF	Rs. 3250.00
150 × 90	60" × 36"	WB06RF	Rs. 4550.00	WB06HF	Rs. 5100.00
150 × 120	60" × 48"	WB07RF	Rs. 4600.00	WB07HF	Rs. 5200.00
180 × 120	72" × 48"	WB08RF	Rs. 5750.00	WB08HF	Rs. 6300.00
240 × 120	96" × 48"	WB09RF	Rs. 7650.00	WB09HF	Rs. 8300.00

WBM Marker Pen - Red, Blue, Black, Green set of 4 ..... Set Rs. 140.00
WB21 Duster for White Board Superior ..... each Rs. 35.00

KANSIL'S NOTICE BOARDS

A versatile system of displaying typed or handwritten notices with the help of drawing pins. The system is oriental but with a very modern and elegant look covered with Blazer Cloth and framed with aluminium angle. Available colours are green, blue or maroon. It is available in following convenient sizes :

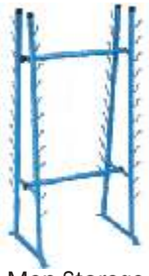
Size in cm	Size in inches	With Regular Frame		With Heavy Frame	
80 × 60	32" × 24"	NB01RF	Rs. 1700.00	NB01HF	Rs. 1950.00
120 × 80	48" × 32"	NB02RF	Rs. 2925.00	NB02HF	Rs. 3300.00
160 × 120	64" × 48"	NB03RF	Rs. 5100.00	NB03HF	Rs. 5550.00
240 × 120	96" × 48"	NB04RF	Rs. 7100.00	NB04HF	Rs. 7900.00

GOLDSIGN™ VELVET DISPLAY BOARDS

	Size (in cm) (HxW)	Price per Board		Size (in cm) (HxW)	Price per Board
GSB01	30×15 cm	Rs. 640.00	GSB06	91×61 cm	Rs. 3400.00
GSB02	45×30 cm	Rs. 1240.00	GSB07	122×61 cm	Rs. 4400.00
GSB03	61×45 cm	Rs. 1980.00	GSB08	122×91 cm	Rs. 5900.00
GSB04	61×61 cm	Rs. 2350.00			

GSB26 Letters/Figures	size	12mm ($^1/_2$")	Rs. 2.50 each
GSB27 Letters/Figures	size	25mm (1")	Rs. 3.50 each
GSB28 Letters/Figures	size	37mm (1$^1/_2$")	Rs. 5.50 each

MAP STANDS



Map Storage Stand

MAP STORAGE STAND

DS101 As illustrated for keeping 24 maps made of iron painted.

Rs. 1800.00

DS102 For keeping 36 maps made of Iron painted.

Rs. 2200.00

MAP DISPLAY STAND

DS103 The map hangs on the stand nearest to the students; it is easy for the teacher also to emphasise on a point. All folding sturdily built of iron pipes. Height Adustable. Very convenient to carry from one class to another. Painted.

Each Rs. 1400.00

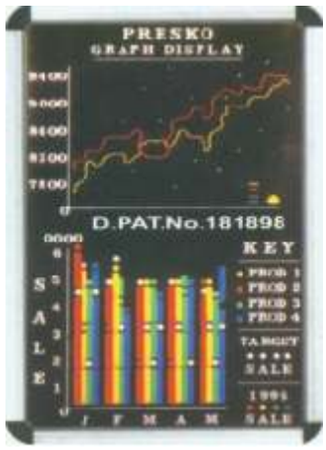
Map Display Stand

PRESKOGRAPH AIDS & INTERCHANGEABLE BOARDS

It is a unique and effective system of interchangeable letters & figures and graph symbols with which any kind of information can be displayed in an elegent way by joint pressing the letters and figures and graph symbols in the closed perforated back ground. The same can be changed at your will.

It is ideal for instantaneous layout planning & the first hand Knowledge of coming events. These are must for institutions & offices.

Size of Panel with Frame in cm	in inches	Total No. of Letters & Figures in each set	Price with frame with letters		without letters	
45x30	18 × 12	250	PB02WL	1125.00	PB02	775.00
61x30	24 × 12	305	PB03WL	1315.00	PB03	900.00
61x45	24 × 18	410	PB04WL	1825.00	PB04	1275.00
91x61	36 × 24	750	PB05WL	3750.00	PB05	2590.00
122x61	48 × 24	950	PB07WL	4550.00	PB07	3100.00
122x91	48 × 36	1050	PB08WL	5700.00	PB08	4100.00
122x122	48 × 48	1150	PB09WL	7100.00	PB09	5300.00
152x122	60 × 48	1350	PB12WL	9000.00	PB12	6900.00
183x122	72 × 48	1350	PB15WL	10400.00	PB15	8300.00
244x122	96 × 48	1750	PB16WL	13750.00	PB16	11000.00



Extra letters and figures can also be had

PB26 ½" size	per 100	Rs. 135.00	PB33 Roman Type 1 ½"	per 100	Rs. 280.00
PB27 ¾" size	per 100	Rs. 150.00	PB34 Comma/ Full stop	per 100	Rs. 115.00
PB28 1" size	per 100	Rs. 165.00	PB38 Line Divider 6" long	Per 100	Rs. 350.00
PB29 1 ½" size	per 100	Rs. 230.00	PB40 Direction Pointer	Per 100	Rs. 1400.00
PB30 2" size	per 100	Rs. 400.00	PB41 Sleek Pointers	Per 100	Rs. 150.00
PB31 Roman Type ¾" Size	per 100	Rs. 165.00	PB42 Nail Timble(Plucker)	Per 100	Rs. 925.00
PB32 Roman Type 1" size	per 100	Rs. 210.00			

ILLUMINATING GLOBES

Manufactured by Replogle Globes, USA,
World's largest globe manufacturing company

Political-cum-Physical Globe

Available in 2 sizes: 30 cm dia and 25 cm dia. Fitted on a moulded, black coloured base & smoked semi-meridian.

Salient Features:

- Illuminated.
- More than 4000 locations.
- Time dial at the North Pole.
- Unlit position shows Physical features.
- Lit position shows Political features.
- Certified by Survey of India.
- Two sizes:

Item Code IG01 Copenhagen Blue Globe 30 cm dia — Price Rs. 4000.00
Item Code IG02 Sweden Blue Globe 25 cm dia — Price Rs. 3000.00

BONES & SKELETON MODELS

XC-101
Human Skeleton
• Price Rs. 16990.00

- Size: 170 cm life size.
- Made of PVC plastic.
- Removable arms and legs.
- Features nerve branches, vertebral artery and hemiated lumbar disc.
- Skull includes movable jaw, cut calvarium, suture lines and three removable lower teeth.
- Mounted on a sturdy 40cm wide base.
- Washable & Unbreakable
- Ideal for teaching the basics of human anatomy.

XC-101A Human Skeleton
With Muscles & Ligaments
• Price Rs. 30590.00

- Life size 170 cm
- With muscles & ligaments
- On pelvic mounted stand with 40cm wide base.
- The skeleton allows you to demonstrate the hand painted muscles origins & flexible joints ligaments.
- This skeleton is made of durable plastic.
- Skull includes movable jaw, cut calvarium, suture lines and three removable lower teeth.
- Washable & Unbreakable
- Ideal for teaching the basics of human anatomy.

SK046
Mini Skeleton
• Price Rs. 1690.00

- Real life Model
- Detachable joints & Durable Parts
- ABS Stand
- Size: 46 cm(18")

XC-102B
Human Skeleton
• Price Rs. 5990.00

- Size 85cm Medium.
- Made of PVC plastic.
- Shows nerves and blood vessels.
- Depicts the position, course & distribution of main arteries & peripheral nerves
- Can be employed as a visual aid in the instruction of anatomy to students of medicine.

XC-105C
Didactic Flexible Vertebral Column with Pelvis
• Price Rs. 6990.00

- This model has a fully flexible spine throughout and features different sections of the spinal column in different color: cervical vertebrae, thoracic vertebrae, lumbar vertebrae, sacrum and the coccyx.

XC-126
Vertebral with Pelvis & Femur Heads
• Price Rs. 6590.00

- Life size model
- Shows all significant features of each vertebra, including spinal cord, nerve roots, the vertebral artery, a herniated disc and vertebral notch etc.
- Special features : inflexible 72 cm tall vertebral column complete with pelvis, femur heads, sacrum, occipital bone, vertebral artery, all nerve branches and herniated lumbar disc.
- Deluxe chrome stands 85 cm high.

XC-109 Shoulder Joint

• Price Rs. 1530.00

- Size: 16 × 12.5 × 20cm. Life size.
- Ball and socket joint.
- To illustrate abduction, adduction, anteversion, retroversion & internal/ external rotation.
- Includes flexible artificial ligaments.

XC-110 Hip Joint

• Price Rs. 1530.00

- Life size, on stand.
- Ball and socket joint
- Demonstrates anteversion, retroversion, abduction & internal/external rotation. Includes flexible, artificial ligaments.

XC-111 Knee Joint

• Price Rs. 1530.00

- Size: 12.5 × 12.5 × 32cm.
- Hinge joint, Synovial joint
- Life size, on stand.
- Demonstrates flexion, extension, and internal/external rotation. Includes flexible, artificial ligaments.

XC-112 Elbow Joint

• Price Rs. 1530.00

- Size: 12.5 × 12.5 × 32cm.
- Hinge joint, Pivot joint
- Life size, on stand
- Demonstrates flexion, extension, and internal/external rotation of the radius.
- Includes flexible, artificial ligaments.

XC-113 Foot Joint

• Price Rs. 1530.00

- The model is made of PVC.
- Hinge joint.
- Gliding joint.
- Natural Size.

XC-114 Hand Joint

• Price Rs. 1530.00

- The model is made of PVC plastic.
- Hinge joint.
- Saddle joint.
- Condyloid joint
- Natural size.

XC-113A
Life-Size Foot Joint with Ligaments

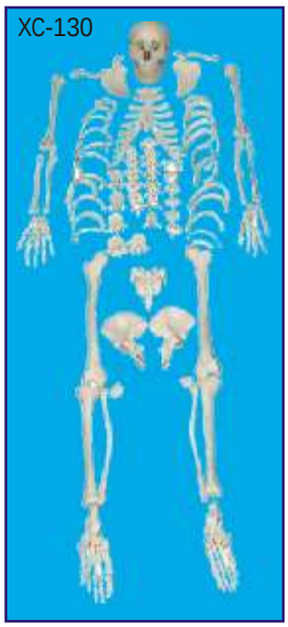
• Price Rs. 1750.00

- Demonstrate all of foot functionality and the external anatomical structures. Including flexible, artificial ligaments.
- Made of PVC plastic.
- Natural size.

XC-114A
Life-Size Hand Joint with Ligaments

• Price Rs. 1750.00

- Demonstrate all of hand functionality and the external anatomical structures.
- Including flexible, artificial ligaments. Made of PVC plastic. Natural size.



XC-130
Disarticulated Skeleton

• Price Rs. 11390.00

- This economical life size disarticulated skeleton will encourage students to learn the various bones of an Adult Human. It is a visual aid for instructions of anatomy to students, doctors, nurses or anyone interested in human skeleton.
- About 200 different bones.

ZX-1601 Bone Microstructure

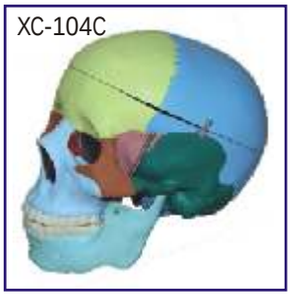
• Price Rs.4500.00

- Made of HSP resin having long durability.
- Size : 30x20x16 cm.
- Total 19 positions are shown.
- 3-D section of a lamellar bone.
- Model shown various planes in cross and logitudinal section.
- The model helps to understand the typical elements of a lamellar bone along with the Volkmann and Haversian system, spongy and compact parts, endosteum, cortical substance and osteocytes.

XC-104
Life Size Skull

• Price Rs. 2290.00

- This economical life-size adult plastic skull features a moveable jaw, cut calvarium, suture lines and 3 removable lower teeth-incisor, cuspid and molar.
- Dissectible into 3 parts.



XC-104C
Life Size Coloured Skull

• Price Rs. 3290.00

- This is advanced model of XC-104 life-size skull, bones painted in different colors for precise study. Can be disassembled into 3 parts.

XC-104E
Skull Model with 8 Parts Brain

• Price Rs. 5190.00

- This Model is based on XC-104, includes 8 parts brain: frontal & parietal lobe, temporal & occipital lobe, encephalic trunk & cerebellum.

ZX-1201 Human Fetal Skull

• Price Rs. 1590.00

- Made of HSP resin having long durability.
- Natural size. Movable lower jaw.
- Total 41 parts labeled.
- Beautifully painted in colours.
- Showing incomplete ossification of skull bones, fontanelles, frontal and parietal eminences, various skull bones like occipital, temporal, sphenoid, frontal, mandible and maxilla.

ZX-1202
Human Skull Model Dx.

• Price Rs. 3790.00

- Made of HSP resin having long durability.
- Size: Natural size.
- Dissectible into 3 parts with moveable jaw, cut calvarium.
- Well illustrated and informative.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.
- Model is a great teaching tool for anatomy lessons.

XC-123
Adult Male Pelvis

• Price Rs. 2220.00

XC-124
Adult Female Pelvis

• Price Rs. 2220.00

These model sizes are just the same as realities and made of PVC plastic. Comparing a model of male pelvis with a female one, the differences between the two can be listed as following:

	Male	Female
• Pelvis shapes	Long and narrow	Short and broad
• Pelvis cava	Like a funnel	Like a barrel
• Aperture pelvis Superior	Heart-like	Rounded
• Sacrum	Long and narrow	Broad and short
• Angles of pelvis arch	70-75 degree	90-100 degree
• Symphysis pubica	Long and narrow	Short and broad

XC-125
Female Pelvic Muscles & Organs

• Price Rs. 3150.00

- Natural size.
- Made of PVC plastic.

HUMAN TORSO MODELS

XC-204 Unisex Torso 23 parts 85CM

• Price Rs. 16790.00

- Size: 33.5" tall (85cm), Made of PVC plastic.
- Features an exposed spine with removable vertebra and spinal cord segments.
- Interchangeable male and female genitalia.
- The female organs include a fetus in the womb.
- Dissectible into 23 parts: torso, female breast plate, head, eyeball, brain, vertebra spinal nerves, lung (2 parts), heart (2 parts), liver, kidney, stomach (2 parts), intestines (4 parts), male genitalia (2 parts), female genitalia with fetus (3 parts).
- Mounted on a plastic base.

ZX-1100E Human Torso Small (23 parts)

• Price Rs. 3200.00

- Size: 46 x 24 x 12.5 cm.
- Mounted on a plastic base.

MK064 Visible Expectant Mother Anatomy Kit

• Price Rs. 8990.00

- Size 55 cm.
- Dissectable in 48 pieces.
- Detailed instruction manual included.
- This visible anatomy model realistically shows the important parts of human body. Learn how body works by taking the model apart & see how the different organs work together to keep us alive & healthy.

MK050 Human Torso

• Price Rs. 8990.00

- Hand Painted in Vivid & Natural Colours.
- 50cm High
- 11 Dissectible Parts
- ABS Base
- Fully Illustrated Colour Instruction Manual.

DIGESTIVE SYSTEM

ZX-1301A Human Digestive System

• Price Rs. 4500.00

- Made of HSP resin.
- Life size relief model of human digestive system in median section dissectible into 3 parts.
- Duodenum, caecum and rectum are opened. Rectum is unfolded.
- Transverse colon and front half of the stomach are removable.
- The model features the oral cavity, pharynx, esophagus, stomach, liver with gall bladder, pancreas, GI tract and spleen.
- Shown 56 positions.
- Mounted on wooden frame.
- Size : 40x80 cm.

XC-311 Liver, Pancreas and Duodenum Model

- Price Rs. 2350.00
- To study the basic structure of the liver, spleen, blood vessels, pancreas, pancreatic duct, abdominal aorta & inf. vena cava.
- Life-size. Dissectible into 3 parts.
- Made of PVC.
- Size:23x12.5x26cm.

XC-312 Liver Model

• Price Rs. 3690.00

- An economical way to study the basic structure of the liver. The complex vessels network in the opened liver, displayed in different colors on this model : hilus vessels, extra-hepatic and intra-hepatic bile ducts.
- Liver mounted on stand.

ZX-1606 Intestinal Villi

• Price Rs. 1950.00

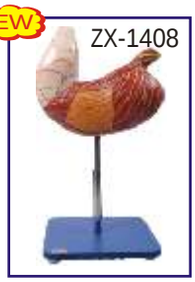
- It is made of advanced HSP resin.Mounted on strudy wooden base .
- Highly enlarged replica model of villi section of small intestine.
- 3D model shows one entire villus, one sectioned villus with arterioles and venules and one sectioned villus with lymphatic vessels. The model also shows different muscle layers in section.
- Size: 31 x 20 x 43 cm
- 17 parts labeled in total

ZX-1402 Human Stomach, Pancreas & Duodenum

• Price Rs. 2100.00

- Made of HSP resin having long durability.
- Total 70 parts are labeled.
- Size : 20x15x10 cm
- Model shown different layers of stomach wall.
- Separated into 3 parts.
- Mounted on stand with base.
- Model depicts lower esophagus, associated blood vessels and sectioned duodenum and pancreas (revealing large ducts up to its aperture).

NEW



ZX-1408 Stomach

• Price Rs. 1990.00

- The model shows different muscle layers of stomach wall.
- Model shows lower esophagus, vessels and nerves.
- Model is on stand. Size : 17x16x25 cm.
- 36 parts labeled in total. Model is in 2 parts.

GD/A12006 Appendix and Caecum

• Price Rs. 3890.00

- Made of advanced PVC.
- Mounted on a stand, Natural size.
- Shows wall of the caecum & appendix.
- Separated into 2 parts
- Shows 17 positions

XC-306 Stomach Model

• Price Rs. 1990.00

- Made of hard plastic, Magnified 2 times the natural size.
- Shows the morphology of the stomach in a distended state.
- With the longitudinal section, the model shows the structures of the gastric folds, pyloric valve, pyloric sphincter muscles, gastric mucosa and the transitional mucosa of the gastric-esophagus.

HEART & CIRCULATORY SYSTEM

ZX-1302 Human Circulatory System

• Price Rs. 4500.00

- Made of advanced HSP resin.
- Half life sized relief model.
- Mounted on wooden base.
- Model shows following anatomical structures : Arterial and venous system, Heart showing chambers, Liver, Spleen, Lung, Kidneys, Partial skeleton.
- 81 parts labeled in total.

MK019 Pumping Heart

• Price Rs. 1830.00

- A 3-D working plastic heart model with clear chambers. Squeeze bulb pumps simulated blood through clear heart chambers just like real one.
- Complete heart model scale with display stand.
- Complete instruction manual, easy to assemble.
- Acrylic Paints & Brush are included.

PD002 Heart Model

• Price Rs. 2290.00

- Full Size.
- Durable ABS Base.
- Detachable Cover Piece.
- Highly Realistic Decoration.

ZX-1500 Blocked Artery Model

• Price Rs. 1450.00

NEW

- The model shows 4 stage cross section of narrowing of an artery deu to build up of cholesterol and plaque.
- Four stages depict normal artery, fatty streak, fibrous plaque & blockage in order.
- All stages rotate on a hinge pin.
- Size : 12x8x4 cm.

XC-307 Jumbo Heart Model

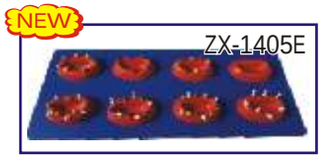
• Price Rs. 2990.00

- Size: 25 × 23 × 23 cm.
- Made of PVC plastic.
- Clear conception of routes of the systemic & pulmonary circulation.
- Dissectible into 3 parts. 4 times enlarged.

ZX-1611E Blood Groups Model

• Price Rs. 1750.00

NEW



- The model shows eight blood types ie. blood type A-/A+/B-/B+/AB-/AB+/O-/O+(according to the presence or absence of antiges & Rh factor.
- Mounted on board.
- Size : 60 x 25 x 6 cm.
- 12 parts labeled in total.

ZX-1405E Human Heart (7 Parts)

• Price Rs. 1750.00

- Model is sectioned to expose ventricles, artria, and valves.
- Model also depicts blood vessels of heart and heart musculature in detail.
- Size : 20 x 20 x 22 cm.

NEW

SKIN & EAR

ZX-1604 Skin Model

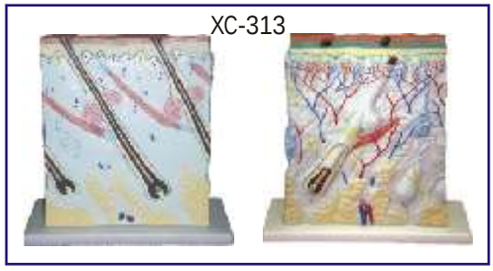
• Price Rs. 1650.00

- Model shows 3-D section of human skin.
- Size : 21x10x25 cm.
- The model represents differentiated skin layers, hair, sweat glands, sebaceous glands, blood vessels, nerves and receptors for detailed examination.
- Model is mounted on sturdy wooden board for easy display.
- 35 parts labeled in total.
- Made of advanced HSP resin having long durability.

ZX-1401 Human Skin

• Price Rs. 1100.00

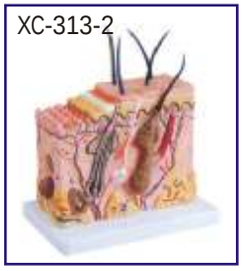
- The skin relief model of a skin section of the head.
- Made of HSP resin with long lasting durability.
- Size : 30x35 cm
- Delivered on sturdy wooden base.
- Skin section portrays the anatomy of the skin at 70 times life size and shows :- Representation of hair follicles with sebaceous glands, Sweat glands, Receptors, Nerves, Blood Vessels, Different layers of the skin.
- Total 31 parts are labeled.



XC-313 Skin Model Enlarged

• Price Rs. 2350.00

- A greatly enlarged (105 times) cross sectional view of the human skin showing three layers-epidermis, dermis, hypodermis, structures of the human scalp and a close-up view of a hair follicle, sweat gland, fatty tissue, sebaceous gland, blood vessels & nerves. Front, side and back view.
- Mounted on a plastic base.
- Size: 27 × 10 × 31cm.



XC-313-2 Skin Block Model

• Price Rs. 3790.00

- This model shows a section of human skin in three dimensional forms. Hair, sebaceous and sweat glands, receptors, nerves and vessels are shown in detail.
- 70 time enlarged.

XC-303C Ear Model New Style Giant Size

• Price Rs. 2520.00

- Dissectible in 6 parts.
- Made of PVC Plastic.
- Size 33x15x23 cm.

EYE

XC-316 Giant Eye Model

• Price Rs. 2290.00

- Size: 15.5cm. Made of PVC. Mounted on a plastic stand. 6 times enlarged Model. The different parts of the eyeball model are detachable.
- Tunica external: showing cornea and sclera with attachments of ocular muscles and optic nerve.
- Tunica media: showing the iris, the ciliary body and the chorioid. Tunica interna is retina.
- Refraction media: showing the lens and the vitreous body.

ZX-1410 Eye model on Stand

• Price Rs. 1430.00

- Model is highly magnified (6 times enlarged).
- Ideal for basic anatomical study of eye. shows sclera, cornea, eye muscle attachments, iris, retina, optic nerve & venels.
- Mounted on a removable stand.
- Model is in 7 parts.
- Size : 15x15x32 cm.

XC-316B Eye with Orbit

• Price Rs. 5150.00

- The model shows the eyeball with optic nerves and muscles in its natural position in the bony orabit.
- Dissectible into 10 parts.
- 3 times enlarged.

RESPIRATORY SYSTEM

ZX-1306 Human Respiratory System

• Price Rs. 4500.00

- Made of advanced HSP resin.
- Size : 40x80cm. Mounted on wooden sturdy base board for easy display.
- Well illustrated and informative.
- Upper half of the model displays nasal cavity, oral cavity, trachea, bronchia, bronchial tree in pulmonary lobe, right and left lungs cut open, heart in situ, pulmonary blood vessels and diaphragm with muscles attached to it.
- 24 positions are marked in upper part model.
- Lower half of the modle shows enlarged pulmonary acinus displaying pulmonary alveoli, alveolar saccules, bronchial artery and veins and alveolar capillary network.
- Total 14 positions are marked in lower part model.
- Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance.

XC-309
Model of the Anatomical Nasal Cavity

• Price Rs. 1475.00

- This model helps the students to understand:
- External nose : shows the section of the nasal bones and cartilages.
- Nasal cavity : on the lateral nasal wall show the superior, middle and inferior nasal chonchae project medially into the nasal cavity forming the superior, middle and inferior nasal maxillary sinuses.
- Paranasal sinuses : shows the frontal, sphenoid and maxillary sinuses.

XC-301 Human Larynx Model Magnified

• Price Rs. 1420.00

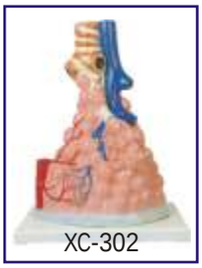
- Size : 11.5×11×24 cm, 3 parts dissectible.
- A functional model, On base 3 times enlarged.
- Shows movements of epiglottis & cartilages in the voice box.

- Helps to understand the morphology & structure of the respiratory tract and phonetic organ.

XC-302
Pulmonary Alveoli Model Magnified

• Price Rs. 1990.00

- Size: 26 × 15 × 35 cm.
- Made of PVC plastic and mounted on plastic base.
- The model shows the small branches of principal bronchus:
- Section of bronchiole of no cartilage.



- The relation between pulmonary alveoli & terminal bronchiole.
- The structure of alveolar sac and alveolar duct
- The capillary rete in the alveolar sapta.

XC-330 Model of the Transparent Lung Segment

• Price Rs. 5990.00

- Presents 10 segments in the right lung and 8 in the left. The distributions of the bronchial tree can be observed through the transparent lungs.
- Right lung: right upper lobe (3 segments), right middle lobe (2 segments), right inferior lobe (5 segments)
- Left lung: left upper lobe (4 segments), left inferior lobe (4 segments).
- Distribution of the bronchial tree: right bronchus, left bronchus.
- Hilus of lung. The lung made of transparent plastic. The trachea & bronchial tree is made of PVC.

XC-320 Larynx, Heart and Lungs Model

• Price Rs. 6690.00

- Life size.
- Dissect able in 7 parts.
- Made of PVC plastic.
- Size 36×23× 12 cm.

XC-324 Model of the Head

• Price Rs. 4750.00

- The relief model of human head shows all relevant structures is great details.
- The high quality model is delivered on a base board for easy display
- Natural size.
- Showing interior parts of the oral cavity and pharynx with network of vessels.

EXCRETORY SYSTEM

XC-331
Male Urogenital System

• Price Rs. 2050.00

- This is intended for schools as a visual aid in teaching physiology and hygiene to help the students to understand the external features of the urogenital system of the kidney, urinary bladder, penis and testicle.
- Made of PVC Plastic.
- Size 20x20x50 cm.

XC-332
Female Urogenital System

• Price Rs. 2050.00

- This model serves as a teaching model for teachers to teach the female urogenital system. The model shows kidney, ureters, urinary bladder, uterus, accessories of uterus, vagina, ovary membrane, ligaments, uterus ligament and its artery etc.
- Made of PVC plastic.
- Size 20x20x50 cm.

ZX-1303 Human Excretory System

• Price Rs. 4500.00

- Model is made of advanced HSP resin to maintain long durability.
- Delivered on wooden baseboard for easy display.
- Size : 40x80 cm. 36 parts are labeled in total.
- Model of human excretory system shows the structures of the retroperitoneal cavity which includes : descending aorta, inferior vena cava, renal veins and arteries, ureter, urinary bladder cut open to show trigone and other structures, adrenal glands, both kidneys, iliacal vessels and prostate gland.
- Left kidney and left adrenal gland in section.
- Model also shows testis and penis in section.
- The model has anatomical details that makes it a great teaching aid.

ZX-1603 Kidney Microstructure

• Price Rs. 4500.00

- It is made of advanced HSP resin and is mounted on strudy wooden base for easy display.
- Size:30x20x24 cm & 45 parts are labeled in total.
- Beautifully painted in advanced colours.
- A complete 3-D model shows 5 sides view of following structures in great details : kidney in section, parenchyma of kidney and nephron, renal corpuscle and arrociated structures, loop of henle and associated structures.

XC-310-3
Human Kidney with Adrenal Gland

• Price Rs. 1850.00

- Life-size model features the kidney, adrenal gland, renal and adrenal vessels and upper portion of the ureter.
- Dissectible into 2 parts to reveal the cortex medulla, cortex vessels and renal pelvis.
- Model can be removed from the stand for instruction and patient education.
- Size: 12.5 × 12.5 × 20 cm.

ZX-1407 Kidney

• Price Rs. 1700.00

- Model shows a longitudinal section of the left kidney.
- Mounted on stand.
- Size : 3 times on life size.
- 31 parts labeled in total.

XC-333 Urinary System Model

• Price Rs. 8450.00

- The Model shows the structures of retroperition alcavity, pelvis with bones and muscles, inferior venacava, aorta with its branches, upper urinary tract, kidney with adrenal gland, ureter, bladder, etc.
- Dissectible into 4 parts.

REPRODUCTIVE SYSTEM

ZX-1304 Human Reproductive System Male

• Price Rs. 4500.00

- Made of HSP resin for long durability.
- Upper half part shows median section of the system Showing internal organs (accessory organs) epididymis, vas deferens, ejaculatory ducts, urethra, seminal vesicles, prostate gland and bulbourethral gland. External structures shown are penis, scrotum and testicles.
- Total 24 parts are labeled in upper half model.
- Lower half shows the model of scrotum and contents alongwith the penis.
- Total 17 parts are labeled in lower half model.

ZX-1305 Human Reproductive System Female

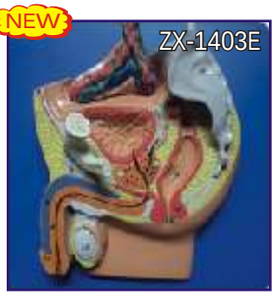
• Price Rs. 4500.00

- Made of advanced HSP resin.
- Upper half model shows both ovaries, left ovary in section, fallopian tubes with fimbriae, uterus, cut open vagina to show vaginal folds and cervix, bladder with cut open urethra, labia and rectum.
- Total 20 positions are marked in upper half model.
- Lower half model shows adnexa of uterus.
- Total 36 positions are marked in lower half model.
- Size : 40x80 cm

ZX-1403E Male Pelvis Small (Magnetic)

• Price Rs. 1150.00

- Median section model shows male genital organs in normal position.
- Model is mounted on board.
- Model is in 3 parts.
- Size: 25x25x8 cm.



ZX-1404E Female Pelvis Small (Magnetic)

• Price Rs. 1150.00

- Median section model shows female genital organs in normal position.
- Model is mounted on board.
- Model is in 2 parts.
- Size: 25x25x8 cm.

BRAIN & NERVOUS SYSTEM

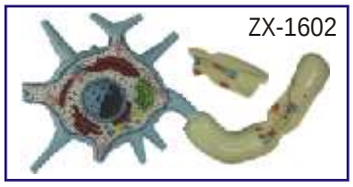
ZX-1307 Human Nervous System

• Price Rs. 4500.00

- Half life size relief model.
- Made of HSP resin.
- Delivered on wooden base.
- Model show central and peripheral nervous system, including spinal nerves radiated from CNS.
- 39 positions are displayed.

ZX-1602 Neuron

• Price Rs. 3300.00



- Motor neuron model in three-dimension.
- Made of high grade synthetic polymer.
- Size : 30x20x12cm
- The membranous covering has been cut away to expose the cytological ultra structure.
- Model shows branching dendrites, myelin-wrapped axon and node of Ranvier. A section of the axon can be lifted off to view the tightly-wound layers of the enveloping myelin sheath, neurolemma and the schwann cell.
- Total 19 positions are marked in the model.

XC-308 Brain with Arteries

• Price Rs. 2050.00

- Made of PVC plastic.
- Dissectible into 8 parts. On base.
- Natural size: 18.5×14×13.5cm.
- External features of the brain: cerebral hemisphere, brain stem, cerebellum.
- The arterial supply of the brain: sources, vertebral, internal carotid arteries, arteria supply of the cerebellum and cerebrum.

XC-318 Brain With Arteries on Head

• Price Rs. 4390.00

- This model shows the brain structure inside the skull. Two halves brains can be disassembled into: frontal with parietal lobes, temporal with occipital lobes, halt of brain stem, half of cerebellum.
- Life-size, dissectible into 9 parts.

ZX-1409E Head, Brain and Eye

• Price Rs. 3300.00

NEW

- Detailed model of head is in 4 parts with 2 parts brain and eye with optic nerve.
- Model shows natural position of nose, mouth cavity, pharynx, occiput & skull base.
- Mounted on board. Life size

ZX-1610E Reflex Arc

• Price Rs. 1925.00

- The model shows sensory, neural & motor elements of a complete reflex arc.
- Mounted on sturdy wooden base for easy display.
- Size: 30x40x3 cm.
- 22 parts labeled in total.

NEW

CPR MANIKINS

NEW

MB001B+ (AD) CPR Training Manikin Advance (Torso)

• Price Rs. 17000.00

- Features and Function:
- Two in one simulator
- Exclusive three position selector dial
- Breathing function : Real-like system
- Jaw thrust maneuver
- AED training
- Ultra hygienic
- Accessories & Beg, Face shield (set of 5).

MB001B+ CPR Training Manikin (Torso)

• Price Rs. 15000.00

- The Manikin is the only manikin in the market which includes both Adult and Child CPR simulator in one product.
- Economic and profitable product.
- Light weight: 2.2 Kg makes easier storing and transport for trainers.
- Adult & child position include a clicking sound for checking the correct compression depth according to Guidelines 2015.
- The selector on the back allows to chose Adult or Child position.
- "N" position on the selector allows to check without a clicking sound and without depth limit the acquired skills.
- The Manikin breathing system is real and exclusive on the market.
- The unique valve design allows to be connected nose-mouth-lung.
- The non-return system of the valve doesn't allow students inhale air from the lung bag helping to avoid Contagions.
- If the exclusive articulated head is not tilted properly and the nose is not pinched there will be no chest rise.
- Manikin is essential as complement of the AED trainer (not included).
- The torso design of Manikin and its size is proper to use AED trainer.
- The Manikin skin material is proper for using AED training pads and easy cleaning.

NEW

MB001 (AD) CPR Training Manikin Advance (Torso)

• Price Rs. 15000.00

- MB001 (AD) same above but without accessories.

MB001 CPR Training Manikin (Torso)

• Price Rs. 13000.00

- MB001 Same as above but without accessories.

GYNAE & OBSTETRIC MODLES

GD/A42004 Embryo Model

• Price Rs. 3750.00

- Mounted on stand.
- Made of Advanced PVC.
- 4 weeks old embryo.
- Shows 12 positions.

GD/A42010/1 Human Placenta

• Price Rs. 3750.00

- Mounted on stand.
- Made of Advanced PVC.
- Shows the structure of placenta and the relation between placenta and umbilical cord.
- 7 positions are displayed.

DENTAL MODELS

TH001
Dental Care Model
- Price Rs. 3350.00
- 2 Times Full-Size
- Giant Teeth with Toothbrush

TH002
Dental Model Small
- Price Rs. 1450.00
- 1.5 × Model with Hinge

ZX-1411
Dental Care Model
- Price Rs. 1425.00
- Highly enlarged dental model with normal tooth brush.
- Size : 22x16x15 cm.

BUILD YOUR ANATOMY MODELS

• New Type of Puzzle • Highly Detailed Finish • Collectible Quality • Dissectable in Small Parts • Display Stand •

SK007
Eyeball Anatomy Model
- Price Rs. 1600.00
- Size 14 cm
- 35 pieces set.

SK009
Heart Anatomy Model
- Price Rs. 1600.00
- Size 14 cm
- 31 pieces set.

SK010
Cranial Nerve Skull Anatomy Model
- Price Rs. 1600.00
- Size 9 cm
- 39 pieces set.

COMMUNITY HEALTH MODELS

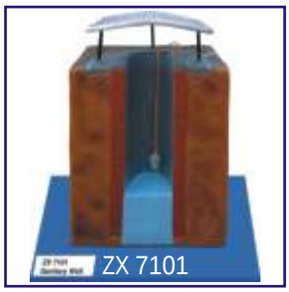
- Made of high grade materials having long durability
- Mounted on sturdy wooden frame for easy display
- Supplied with well illustrated informative literature
- Well labeled parts
- Beautifully painted in bright colors
- Model is a great teaching tool for nursing students

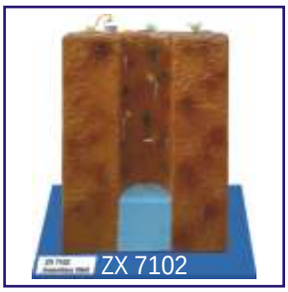
COMMUNITY HYGIENE

ZX 7101 - Sanitary Well.....Price Rs. 5000.00
ZX 7102 - Insanitary Well.....Price Rs. 5000.00
ZX 7103 - Deep and Shallow Well.....Price Rs. 5000.00
ZX 7104 - Deep Tube Well.....Price Rs. 6000.00
ZX 7105 - Step Well.....Price Rs. 5500.00
ZX 7106 - Berkefeld Filter.....Price Rs. 5000.00
ZX 7107 - Slow Sand Filter .....Price Rs. 6500.00
ZX 7108 - Rapid Sand Filter.....Price Rs. 5500.00

ENVIRONMENTAL SANITATION

ZX 7201 - House Drainage System .....Price Rs. 6500.00
ZX 7202 - Chamber Type Incinerator .....Price Rs. 6500.00
ZX 7203 - Activated Sludge Process .....Price Rs. 6500.00
ZX 7204 - Bore Hole Latrine .....Price Rs. 5000.00
ZX 7205 - Dug Well Latrine (Pit Latrine) ..Price Rs. 5000.00
ZX 7206 - Trench Latrine .....Price Rs. 5500.00
ZX 7207 - Septic Tank Latrine .....Price Rs. 6000.00
ZX 7208 - Biogas Plant.....Price Rs. 6500.00
ZX 7209 - Smokeless Chulha .....Price Rs. 6000.00





ZX 7201

TELESCOPES & BINOCULARS

10 x 50MM BINOCULARS (BN1050)

• Price Rs. 3500.00

- 10x magnification
- Focussing Knob
- Neck strap
- Eye piece with rubber coating
- 50mm dia objective
- Rubber covered body
- Superior Lenses

8 x 40MM BINOCULARS (BN840)

• Price Rs. 2500.00

- 8x magnification
- Focussing Knob
- Neck strap
- Eye piece with rubber coating
- 40mm dia objective
- Rubber covered body
- Superior Lenses

20 x 50MM BINOCULARS (BN2050)

• Price Rs. 4000.00

- 20x magnification
- Same as above.

TELESCOPE (TS302)

• Price Rs. 2750.00

- 20×.40×.60× Eyepiece
- 30mm Objective Lens
- Diagonal Mirror
- 41cm (16") ABS Body
- Handy Adustable Knob
- 25cm (10") Tripod

ROCKET MODELS

ZX-4100E ROCKET MODEL

• Price Rs. 940.00

- Small size. Height 44 cm.

ZX-4101E ROCKET MODEL

• Price Rs. 1300.00

- Large size. Height 71 cm.

MICROSCOPES

MICROSCOPE SET (MS006)

Power 100x-300x-600x set of 28 pieces as detailed
(For use upto middle class)

• Per Set Rs. 2100.00

- 20 cm Microscope
- Prepared Slides-2
- Blank Slides-6
- Statical Slide Covers-6
- Blank Labels-6
- Pair of Tweezers-1
- Collecting Vials-2
- Stirring Rod-1
- Spare Bulb-1
- Condenser Lense Cap-1
- 3x.6x Magnifier-1
- Instruction Manual
- Window Box Size: 8¾"×3½"×8½"

MICROSCOPE SET (MS002)

with Light & Projector Power 100x-900x Set of 63 pieces (For use upto secondary level)

• Price Rs. 4450.00

- 23 cm Microscope with 8x, 25x, 50x objective Lenses & Die-Cast Body-1
- Huygen's Eyepiece 12x-18x Zoom-1
- Micro-Data Bank-1
- Micro Slicer-1
- Blank Slides-12, Cover Glasses-12
- Blank Labels-12, Spare Bulb-1
- Statical Slide Covers-12
- Vial of Eosin-1, Collecting Vials-2
- Vial of Gum Media-1
- Stirring Rod-1, Petri Dish-1
- Vial of Methylene Blue-1
- Scalpel-1, Needle-1
- Pair of Tweezers-1
- Condenser Lense Cap-1
- Graduated Cylinder-2
- Instruction Manual-1
- Window Box Size: 15½"×3¼"×13¾"
- Safety Goggles-1

SCIENCE TEACHING KITS

CHEMISTRY LAB KIT (CM001)

- Price Rs. 3000.00

- (10) Chemicals
- (8) Litmus Papers
- 80 ml Glass Beaker
- (2) Test Tubes with Stoppers
- Test Tube Rack
- Test Tube Holder
- (2) Stopper-Corks
- (3) Stopper-Corks with Holes
- (3) Glass Tubes
- Rubber Tube
- Spout Brush
- Funnel
- (6) Filter Papers
- Alcohol Lamp
- (2) Measuring Spoons
- Stirring Rod
- Safety Goggles
- Instruction Manual with 130 Experiment Procedures & Results

SIMULATED FROG DISSECTING KIT (VT021)

- Price Rs. 4840.00

- Authentically detailed frog Body
- Removable soft texture organs
- Cross sections show muscle structure
- Glow-In-Dark "X-RAY" included
- Child safe lab tools included

6 in 1 Solar Kit (EL315)

- Price Rs. 1700.00

This Solar kit enables children assembling the parts and transforming into six different types of motor driven apparatus actuated by Solar Power.

- Solar Robot
- Solar Wheeler
- Solar Windmill
- Solar Plane
- Solar Helicopter
- Solar Airboad

AM001 ATOMIC MODEL SET SUPERIOR

- Price Rs. 6300.00

- The set consists of moulded balls and sticks of different colours and size arranged in different size lugs.
- The set is very helpful in modelling different compounds with the help of given keycard.
- Box size : 51 x 39 x 7 cm.

CS015 STUDENT BALANCE KIT

- Price Rs. 950.00

- 4 x Weights
- 4 x Arms
- 2 x Weighing pans
- 2 x Levers
- 2 x Triangle axials
- 2 x Pointers
- 2 x Scales
- 1x Central Axial
- 1x Pivoted weight
- 2 x Arms side holders

TK4003 Wake Me Robot

- Price Rs. 2000.00

- Place it next to your bed at night.
- In the morning when light falls on it, the robot will start to move and buzz.
- Easy to assemble - no soldering required.

TK7072 Go Circuit

- Price Rs. 2570.00

- Assemble more than 24 different and fascinating circuits for motor, buzzer, lights and other circuits.
- Make alarm & games, and even invent your own circuits.
- Additional circuits are explained in manual.
- Batteries required.

TK7074

Age 8+

TK7074 Go Weather

• Price Rs. 2570.00

- Over 30 fascinating activities all about weather and climate.
- Kit includes a real wind speed indicator.
- Build your own barometer, weather vane, rain gauge and hydrometer.
- Observe the weather traits and see how they'll affect tomorrow's weather!
- Make a rainbow, produce clouds, lightning, rain and even a thunderstorm

TK7086

Age 8+

TK7086 My Senses

• Price Rs. 3550.00

- This kit is part of our Body Awareness Science Series, exploring the five senses: sight, hearing, smell, taste and touch.
- Perform over 50 fascinating experiments.
- Use a genuine stethoscope, make a telescope with real lenses and create rainbows with a prism.
- Prepare perfume and stink bombs with chemistry lab equipment.
- Learn how to read and send messages in Braille. Also includes many activities suitable for party games.

TK8200

Age 10+

TK8200 Physics

• Price Rs. 3500.00

- 250 exciting & captivating experiments which will introduce you to the fascinating field of Physics.
- Experiment with Electricity, magnetism, motors, gases, liquids, heat, sound, force, pressures and motion.
- Understand nature's basic laws.

TK7076

Age 8+

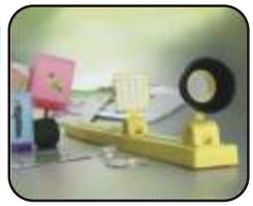
TK7076 Go Electronic

• Price Rs. 2250.00

- Build 6 exciting electronic devices - a burglar alarm, a fire alarm, a musical organ, a siren, a sound effects generator and a radio.
- Console and electronic components included.
- Easy to design your own additional circuits.
- Battery required.

TK7094

Age 8+



TK7094 Vision

• Price Rs. 1920.00

- A simple explanation of how the eye works.
- Activities to demonstrate some of the eye's functions.
- Eye testing equipment to test the eyes for normal sight, short sightedness and long sightedness.
- Eye testing charts included.

TK8360

Age 10+

TK8360 Super Chem 150

• Price Rs. 3550.00

- 150 exciting science activities using only products found in the kitchen.
- There are over forty pieces of equipment enabling you to carry out all of the 150 activities.
- These activities include the following science phenomena: chemistry, optics, bubbles, magnetism, physics and chromatography.
- The kit includes an attractive four colour book.

TK8405

Age 10+

TK8405 Solar Power

• Price Rs. 3650.00

- 150 Challenging Experiments.
- Build a solar electric generator, motor, water heater, furnace, thermometer, crane and solar energy mobiles.
- Unique experiments with colour optics, electroplating, stroboscopes, thermodynamics and Moire patterns.

TK8650

Age 10+

TK8650 Ecology

• Price Rs. 3500.00

- 150 Experiments dealing with ecology.
- Topics include bacteriology, climate, water, air, nature, chemical analysis, water and soil pollution, recycling and acid rain.
- Understand the problems & improve the environment.

TK8740

Age 8+

TK8740 Hydrolab

• Price Rs. 3900.00

- Complete greenhouse system for cultivating plants and vegetables in an “indoor” environment, without soil, using a modern Hydroponics system.
- Kit comes with a base, fertilizer tank, adjustable translucent observation cover, 4 growing trays, safe chemicals & bedding for propagating growth of plants.

TK8950

Age 10+

TK8950 Energy

• Price Rs. 4050.00

- More than 200 experiments.
- Kit gives an understanding of the various kinds of energy sources, how to transform them and use them.
- Learn about windmills, levers, solar energy, batteries, electricity, electrochemistry and more.
- Make your own simple machines.

HISTOLOGY AND BIOMOLECULES MODELS

DN001

DN001 DNA Model Kit

• Price Rs. 1600.00

- Made of Plastic.
- Size: 10×10×45 cm.

ZX-1607

NEW

ZX-1607 Smooth Muscle Fibre

• Price Rs. 2350.00

- Block model is a greatly enlarged smooth muscle fibre.
- The model shows significant structures including sarcoplasm, nucleus, mitochondria, dense body, filaments, autonomic neurons and gap junction.
- Size: 36 x 25.5 x 13 cm
- 18 parts labeled in total

ZX-1608

NEW

ZX-1608 Cardiac Muscle Fibre

• Price Rs. 2350.00

- Block model is greatly enlarged cardiac muscle fibre.
- The model shows significant anatomical structures such as sarcolemma, nucleus, mitochondria, transverse tubules, .cardiomyocytes, sarcoplastric reticulum, intercalated disc, M line, disc and various filaments.
- Mounted on durable wooden base.
- Size: 41 x 20 x 19 cm
- 17 parts labeled in total

NEW

ZX-1609 Skeletal Muscle Fibre

• Price Rs. 2250.00

- Block model is greatly enlarged model of skeletal muscle fibre.
- Model shows various anatomical structures line neuromuscular junction. T tubules, negofibrils, bands, nucleus etc.
- Mounted on wooden base.
- Size: 20 x 20 x 19 cm
- 21 parts labeled in total

NEW

ZX-2100 Chloroplast

• Price Rs. 5200.00

- Block model is highly enlarged open section of a typical chloroplast.
- Model shows inner & outer membranes, granum, stroma, DNA, strach granule, Osmiophilic globule and thylakoids.
- Mounted on sturdy wooden base.
- Size: 36 x 25.5 x 19 cm.
- 13 parts labeled in total.

NEW

ZX-2101 Mitochondria

• Price Rs. 1950.00

- Block model is highly enlarged open section of typical mitochondria.
- Model shows outer and inner membranes, cristae, ribosomes, matrix, mitochondrial DNA, etc.
- Mounted on sturdy wooden base.
- Size: 41 x 21 x 13 cm.
- 10 parts labeled in total.

ZX-2102 Bacterium

• Price Rs. 5200.00

NEW

- Model is greatly enlarged bacterium model depicting anatomical complexity of a general prokargotic cell.
- The model is a set of 4 models including block models of the cell wall of gram positive and gram negative bacteria, opened bacterial spore showing spore coat & internal structures and main bacterium.
- Mounted on sturdy wooden base.
- Size : 55x40x9.5 cm. 34 parts labeled in total.

ZX-3100E AIDS VIRUS

• Price Rs. 1275.00

- Highly enlarged detailed model of HIV (Human Immunodeficiency Virus) commonly called AIDS virus.
- Model shows outer lipid membrane with protein structures, internal nucleus with viral RNA.

NEW

ZX-3101 Animal Cell Model

• Price Rs. 2050.00

- Made of high grade synthetic polymer having long durability.
- Delivered with removable stand.
- Size: 30x40x10 cm.
- Well illustrated & informative.
- 19 parts labeled in total.
- Beautifully painted in bright colors.

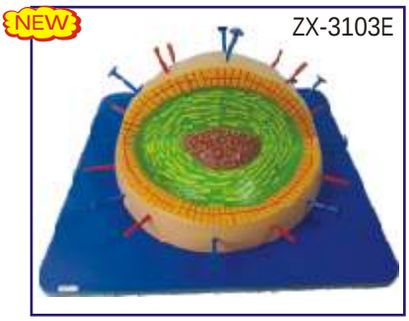
NEW

ZX-3102E Rabies Virus

• Price Rs. 2350.00

- Model of rabies virus is enlarged millions of times to show viral RNA, lipid envelope, glycoprotein, polymerase etc.
- Mounted on wooden base.
- Size : 35x25x10 cm.
- 6 parts labeled in total.

NEW



ZX-3103E Influnza Virus

• Price Rs. 2350.00

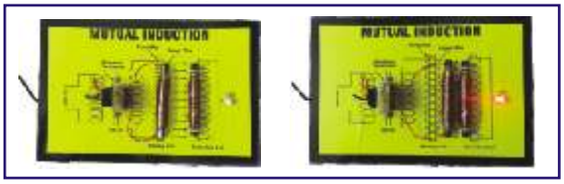
- This millions of times enlarged model of influenza virus shows lipid envelope, capsid, nucleoprotein, hemagglutinin and neuraminidase.
- Mounted on wooden base.
- Size : 35x35x16 cm.
- 5 parts labeled in total.

SCIENCE WORKING MODEL

SWM001 Ray Box

• Price Rs. 1200.00 Set

- Standard light source for ray optics experiments.
- Multi-slit comb produces a bright and broad fan of parallel incident ray streaks.
- It is easy to use, extremely durable and the rays produced are bright enough to be seen clearly.
- Different lenses and prisms are included.



SWM002 Mutual Induction

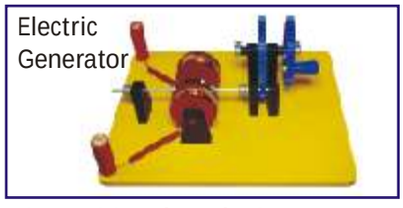
• Price Rs. 700.00 each

- Model is very effective for understanding the concept of mutual induction, magnetic flux and emf.
- This model shows the phenomenon in which change of current in one coil causes an induced emf in another coil placed near the first coil.
- The coil in which current is changed is called primary coil and the coil in which emf is induced is called secondary coil.

SWM003 Electric Motor

• Price Rs. 400.00 each

- This model shows a simple way to convert the electric energy into useful work, or mechanical energy, by machines called electric motors.
- With the help of this model student can learn how Electric motors work due to electromagnetic interactions: the interaction of current and a magnetic field.



SWM007 Electric Generator

• Price Rs. 1200.00 each

- This electrical generator converts mechanical energy into electrical energy.
- It is based on the principle of production of dynamically induced e.m.f (Electromotive Force).
- Whenever a conductor cuts magnetic flux, dynamically induced e.m.f. is produced in it according to the Faraday's Laws of Electromagnetic Induction. This e.m.f. causes a current to flow in the circuit.

SWM004 Rain Alarm

• Price Rs. 325.00 each

- Rain alarm model is an easy project which will give the alarm when there is rain, so that we can make some actions and save the rain water.
- Student can use this concept in the application of irrigation field, home automation, communication, automobiles etc.
- This modal shows the simple and reliable circuit of rain water alarm which can be constructed at low cost.

SWM005 Laser Security Alarm

• Price Rs. 400.00 each

- This laser Security alarm is based on the interruption of Laser beam.
- A low cost Laser pointer is used as the source of light beam.
- When somebody breaks the laser path, the alarm will be generated for few seconds.
- With the help of this modal student can understand the working concept of Diode, Resistance, PCB, LDR, LED & Buzzer.

SWM006 Syringe Generator

• Price Rs. 260.00 each

- This generator model is very simple.
- The model consists of an old syringe, two strong neodymium magnets, an insulated copper wire (30-gauge) and an LED.
- Magnets are placed inside the barrel of the old syringe. The magnets are loose and move freely inside the barrel.
- When syringe is shaken vigorously, an induced e.m.f. is produced in the coil due to cutting of magnetic flux and the LED glows.

SWM008 Piston Generator

• Price Rs. 1200.00 each

- The simplest liner generator contains a coil & a permanent magnet in a piston.
- When piston is moved back and forth the magnet oscillates through the coil and induces current.

VISUAL TEACHING AIDS

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OT04 Chick Embryology set of 20
OT05 Frog Development set of 15
OT06 Mitosis set of 9
OT07 Meiosis set of 12
OT08 Physics set of 50
OT09 Chemistry set of 40
OT10 Human Physiology set of 50
OT11 Sense organs set of 20
OT13 First Aid set of 50

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SPD01 Cholera
SPD02 Malaria
SPD03 Aids
SPD04 Plague
SPD05 Tuberculosis
SPD06 Leprosy
SPD07 Influenza
SPD08 Jaundice
SPD09 Cancer
SPD10 Typhoid
SPD11 Viral Diseases
SPD12 Chicken Pox
SPD13 Dysentry
SPD14 Hepatitis
SPD15 Heart Attack
SPD16 Diabetes
SPD17 Asthma
SPD18 Arthritis
SPD19 Thyroid
SPD20 Blood Pressure

HEALTH CARE
each set contain 20 slides

SHC01 Health Rules
SHC02 Causes of Diseases
SHC03 Prevention of Diseases
SHC04 Effects of Alcohol
SHC05 Tobacco & Habit Forming Drugs
SHC06 Clean Body
SHC07 Clean Water
SHC08 Constituents of Food
SHC09 Malnutrition
SHC10 Immunization

OTHERS

SH01 Human Physiology set of 50
SH03 Yogasan set of 20
SH04 Vitamin set of 10
SH06 Human Body set of 10
SH07 First Aid set of 50
SH09 Mothercraft set of 30
SH11 Child Welfare set of 20
SH12 Family Planning set of 100

SLIDES FOR SCIENCE

Price per slide Rs. 12.00

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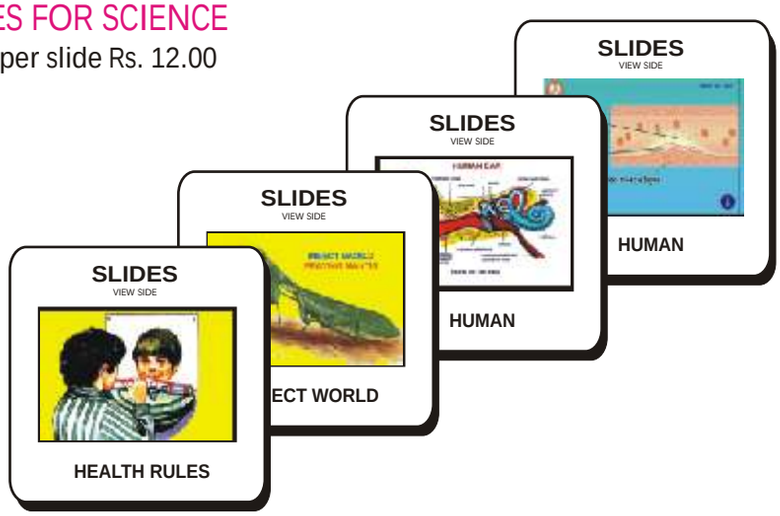
SSC02 Primary Science For Class II set of 40
SSC03 Primary Science For Class III set of 40
SSC04 Primary Science For Class IV set of 50
SSC05 Primary Science For Class V set of 50
SSC06 Science For Class VI set of 50
SSC07 Science For Class VII set of 50
SSC08 Science For Class VIII set of 100
SSC09 Science For Class IX set of 100
SSC10 Science For Class X set of 100
SSC11 Physics set of 100
SSC12 Chemistry set of 100
SSC13 Biology set of 100



ZOOLOGY SECTION

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SZ01 Anatomy of Frog set of 30
SZ02 Anatomy of Rabbit set of 20
SZ03 Amoeba & Paramecium set of 20
SZ04 Animal Histology set of 30
SZ05 Animal Kingdom set of 30
SZ06 Animal World set of 40
SZ07 Beaks & Feet of Birds set of 20
SZ08 Birds set of 30
SZ09 Cockroach set of 20
SZ10 Earthworm set of 20
SZ11 Chick Embroyolgy set of 20
SZ12 Frog Embroyology set of 15
SZ13 Rabbit Embroyology set of 20
SZ14 Evidence of Evolution set of 20
SZ15 Fishes set of 30
SZ16 Hydra & Obelia set of 20
SZ17 Harmful Insects set of 20
SZ18 Useful Insects set of 20
SZ19 L.H. Butterfly set of 10
SZ20 L.H. Honey Bee set of 10
SZ21 L.H. Housefly set of 10
SZ22 L.H. Mosquito set of 10
SZ23 L.H. Silkworm set of 10
SZ24 Liverfluke & Tapeworm set of 20
SZ25 Mammals set of 30
SZ26 Meiosis set of 15
SZ27 Mendel Heredity set of 20
SZ28 Mitosis set of 10
SZ29 Prehistoric Animals set of 20
SZ30 Protozoa set of 10
SZ31 Reptiles & Amphibians set of 40
SZ32 Snakes set of 20

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SB10 Higher Plants set of 20
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SB13 L.H. Mucor set of 15
SB14 Leaves set of 20
SB15 Marchantia set of 15
SB16 Meiosis set of 15
SB17 Mitosis set of 10
SB18 Plant Anatomy set of 20
SB19 Plant Histology set of 30
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SB21 Plant Physiology set of 30
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SB23 Roots set of 20
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Biostrips are available on various subjects. Biostrips can be prepared on any subject (Minimum quantity 50 each title).

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BIOLOGY

Code	Title	Time (in mins.)
E01	Sleepy Heads, Amoeba, Protista.	41
E02	How Insects Develop Part -I & II, Life of the Forest.	49
E03	What are Cells, Role of the Cell Membrane, Peripheral Nervous System.	57
E04	The Woods, Woodlands: Plant Movements, What is Autumn, What is Spring.	52
E05	About Your Body, Tissues of the Human Body, Body Fights Diseases.	43
E06	How Seeds are Scattered, Dispersal of Seeds and Fruits, How Seeds Grow.	52
E07	Life Cycle of Insects Part -I & Part - II,life story of the Earthworm, food feeding habits.	47
E08	Process of Pollination, Germination & Growth of plants, Life Cycle of Flowering Plants, Animals Breathe in many ways.	54
E09	Meiosis, Mitosis, Circulatory System.	51
E10	Temperature Regulation, Chemistry of The Cell Part - I & Part II.	52
E11	Effect of Light on Oxygen Production, effect of Chlorophyll & Carbon Dioxide on Oxygen production & Starch Formation, Plants Make Food, Photosynthesis.	56
E12	Circulation of the Heart, Respiratory, Reproductive & Nervous System.	50
E13	Liver, Digestive System Part-I & Part -II, Lymphatic System.	54
E14	Tissue Respiration, How Plants Move, Coral Reef Community.	51
E43	Growing Plants, Fungi & man, Fungi.	47
E48	Insects, Roots & Plants that help us.	44
E49	Genetic Investigation, Genetics & Plant Breeding, Pattern Developments.	43
E50	Autumn Brings Changes, Spring Brings Changes, Flying Birds.	44
E51	Parasites, Microbiology: Microbes & their Control, Diffusion & Osmosis, Structure of Protein.	54
E52	Autonomic Nervous System & Drugs.	35
E53	Life Cycle of a Frog, Skeleton, Skin as a Sense Organ, Egg & Sperm.	50
E54	Sense Perception Part-I & Part-II	55
E55	Introduction to Dissection, Work of Kidneys	42
E103	Human Brain Part-I: The Self	50
E104	Human Brain Part-II: Language	50
E105	Human Brain Part-III: Fear	50
E106	Human Brain Part-IV: Memory	50
E107	Human Brain Part-V: Seeing	50
E108	Human Brain Part-VI: Madness	50

PHYSICS

Code	Title	Time (in mins.)
E22	Light, Measurement of Acceleration of Gravity, Very Low Temperature, Reflection, Refraction & Polarisation of Light.	53
E23	Photoelectric Effect, prelude to Power, Refraction, Reflection & Scattering of Light	51
E24	Dioxide Characteristics, Power, heat as a Radiant Energy.	42
E25	Buoyancy, Vibrations, learning about Sound.	51
E26	Magnetism part-I, II & III.	49
E27	Friction, Colour from light, magnetism, Magnets & their uses.	40
E28	Conquest of the atom, X-Ray Diffraction, Principles of Nuclear Fission.	55
E29	Electricity (Fundamentals), pressure & Current, Electrical sources.	55
E30	Introducing the Oscilloscope, Electromagnetic Waves, Isotopes.	53
E31	Electromagnetic Waves Part-I & Part -II.	42
E32	Waves & Vibrations, Young & the Theory of Light, Principles of T.V.	54
E33	Velocit y of Gamma Rays, Learning About Heat, Discovery of Radioactivity.	46
E61	Steam & Steam Generation Time Measurement & Meaning.	51
E62	Energy From the Sun, How it works.	41
E63	Actions & reaction, Rotational Dynamics.	34
E64	Fuels for the Future, How Machines help us.	47
E65	Rockets, Doppler Effect, Wave Particle Quality, Newtons II Law.	53

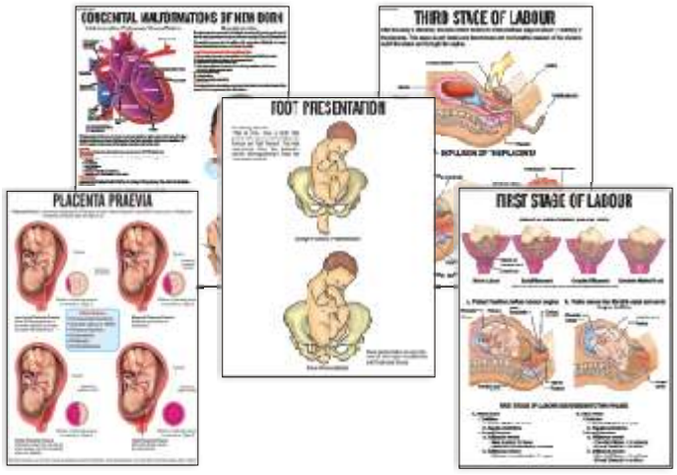
CHEMISTRY

Code	Title	Time (in mins.)
E34	Atoms & Molecules (Properties of matter), Chromatography, Combustion.	47
E35	Acids, Bases & Salts, Physics & Chemistry of Water.	41
E36	What is Soap?, Sodium Family, Nitric Acid Compounds & Nitrogen Cycle.	48
E37	O for Oxygen, Strange case of Liquid Oxygen	44
E38	Atomic Model & The Periodic Table.	44
E66	Crystallisation, Distillation.	49
E67	Properties of Matter I & II.	46
E68	Properties of Matter III, IV & V.	55
E69	Basic Laboratory Techniques I.	54
E70	Basic Laboratory Techniques II.	60
E71	Basic Laboratory Techniques III.	45
E72	Preparation of Oxygen: Demonstration, Development of Electrochemistry, ABC of" NPK, Facts about Fertiliser.	52
E73	Vanadium: A Transistor Element, metals & Non- metals, Silicon & its Compounds. Diamonds a Metal working	57
E94	Rutherford Model of An Atom	42

Teaching Learning Material for Medical & Nursing Institutions

MODELS, MANIKINS & SIMULATORS

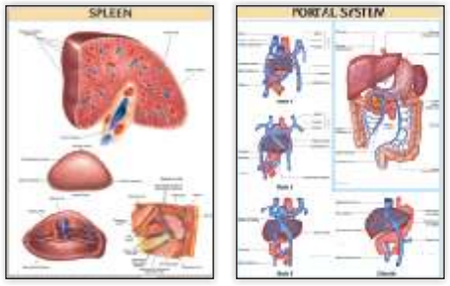
IMPORTANT NURSING CHARTS



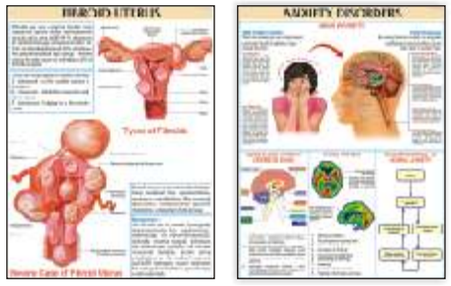
HUMAN PHYSIOLOGY CHARTS

OTHER MEDICAL CHARTS

BONES & LIGAMENT CHARTS



ORGAN & SYSTEM CHARTS



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