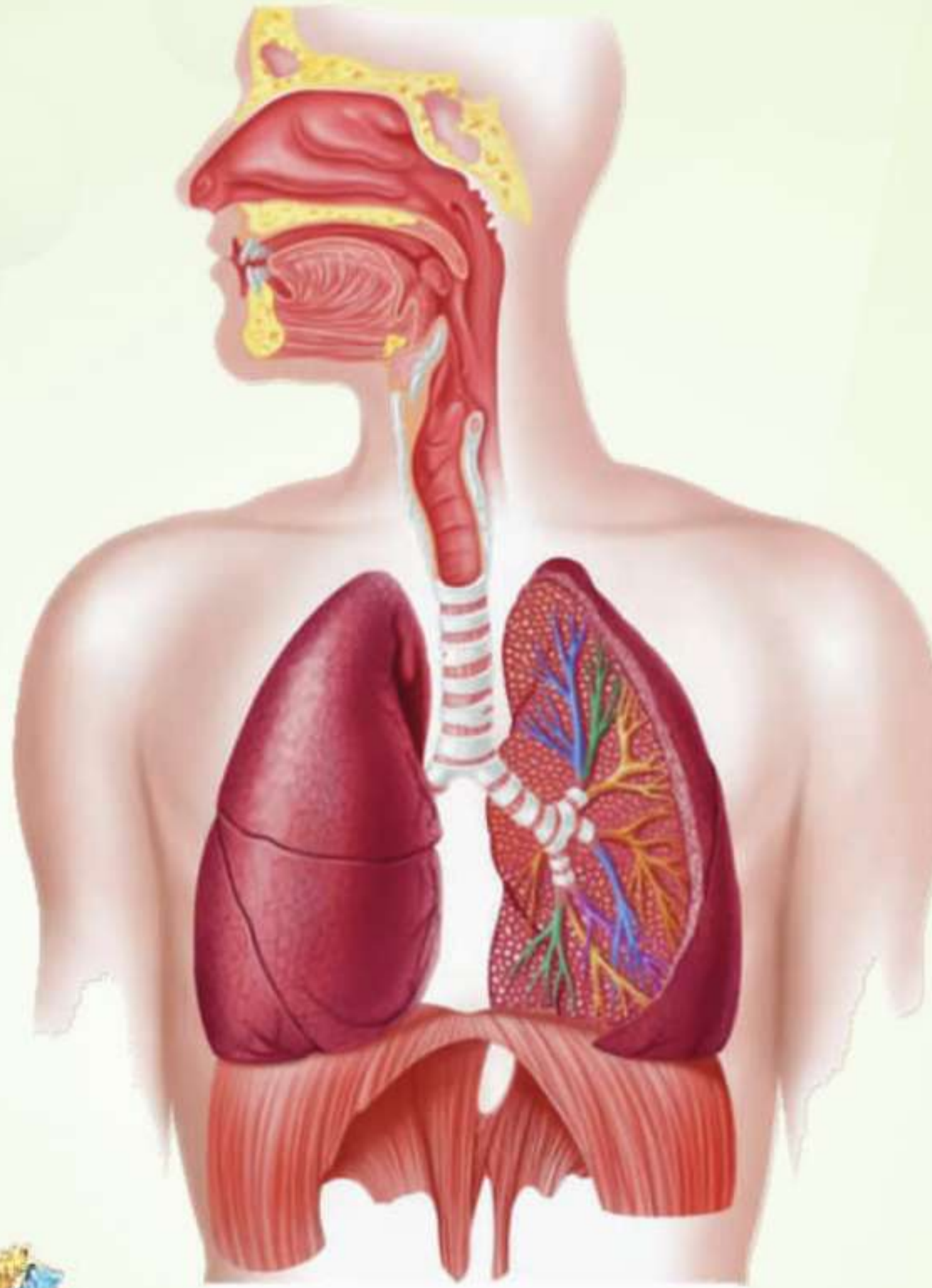
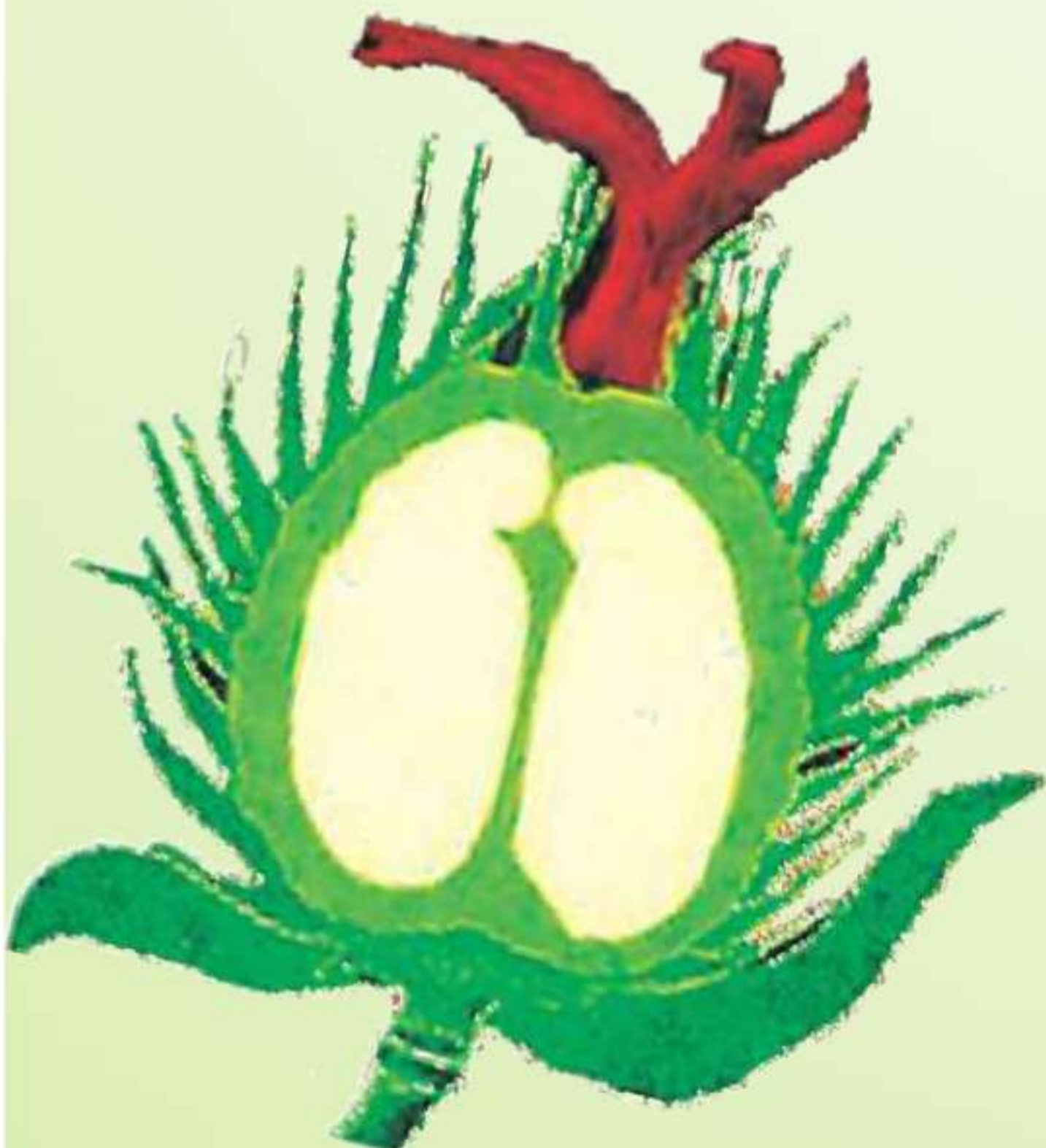


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- ★ Biology
- ★ Botany
- ★ Zoology
- ★ Bio-Medical Technology
- ★ Health Awareness
- ★ Mathematics
- ★ Geology
- ★ Human Anatomy
- ★ Pharmacology
- ★ Pharmacognosy
- ★ Biochemistry
- ★ Microbiology
- ★ Bio-Technology
- ★ Agricultural Science
- ★ Physics
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charts and pictures

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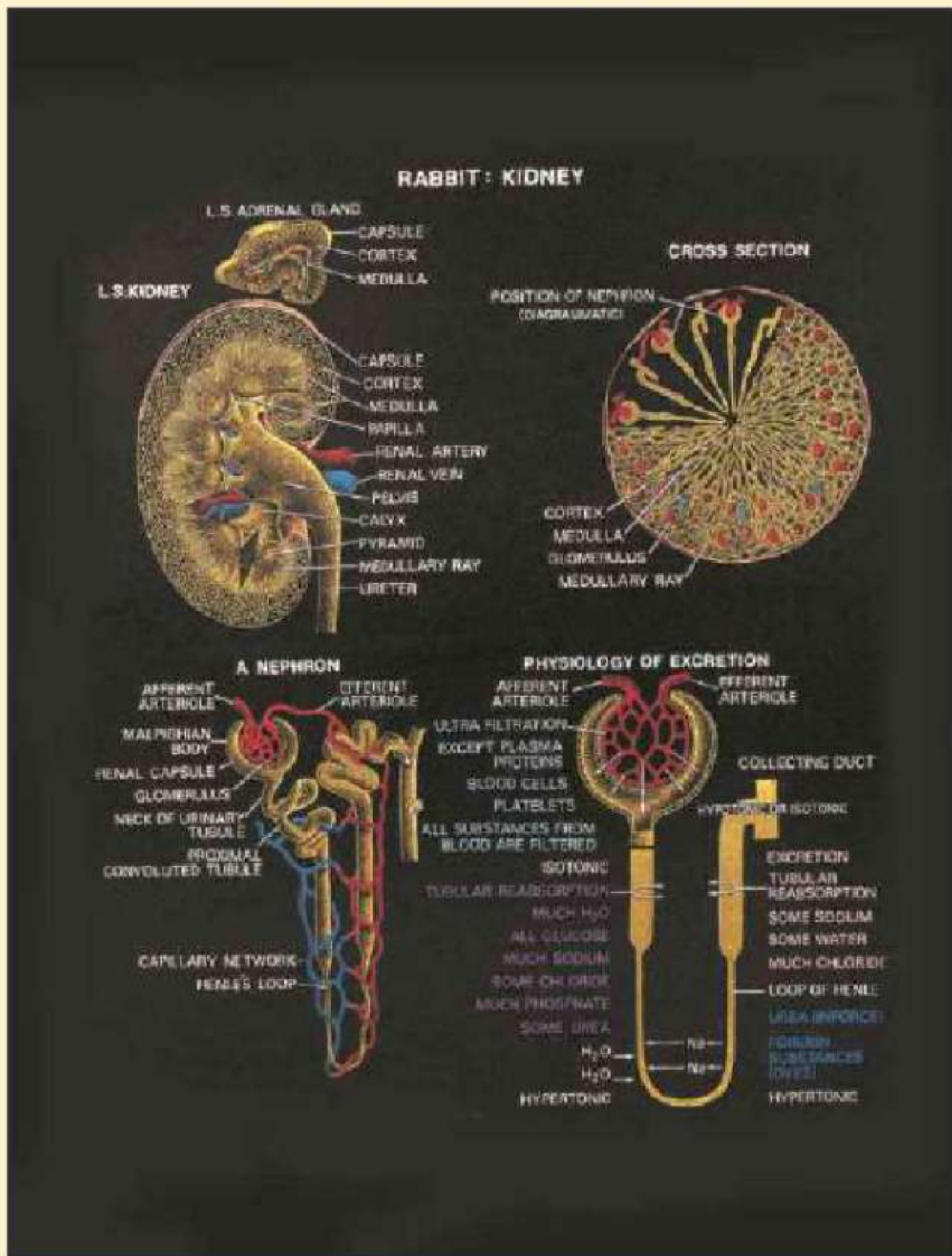
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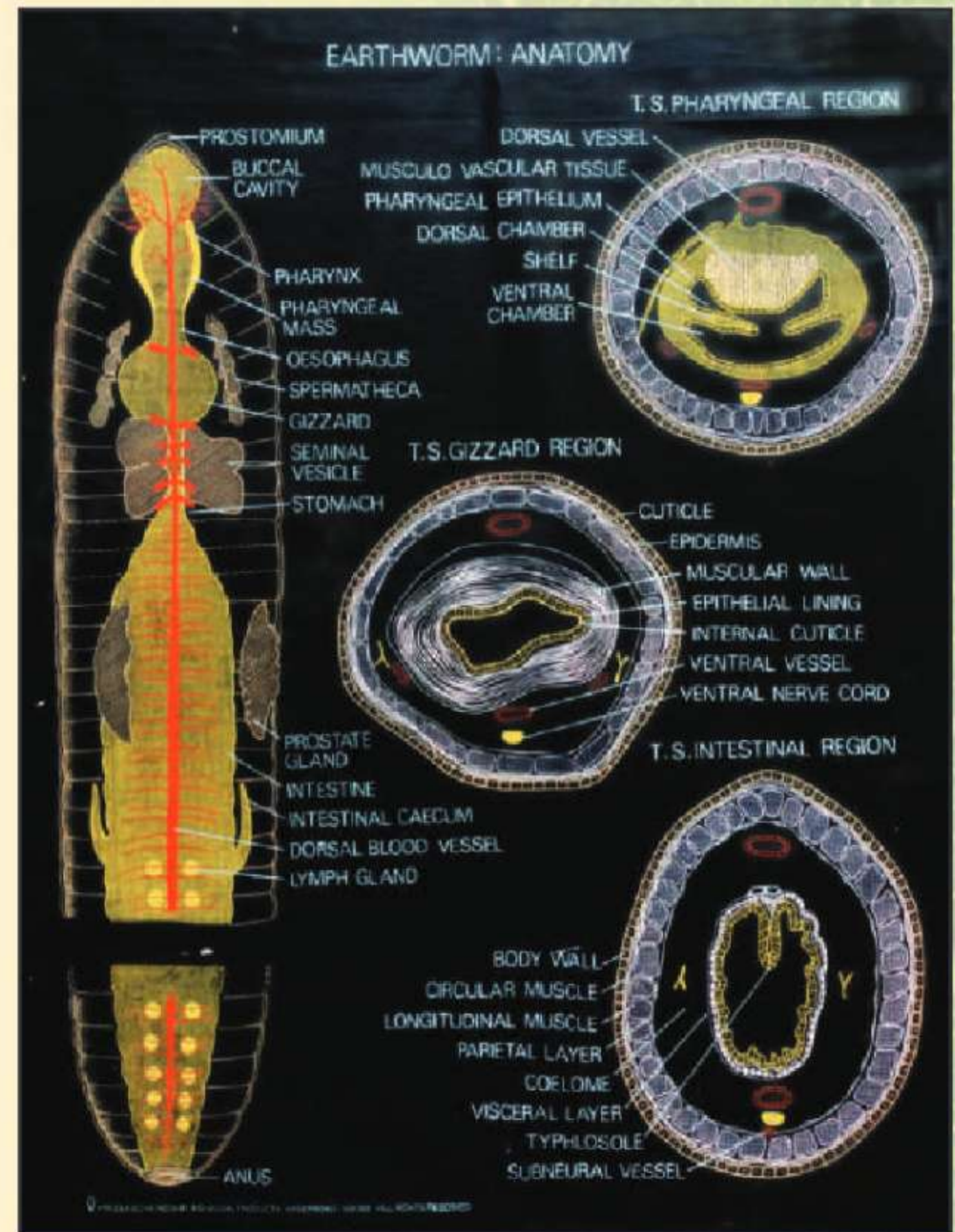
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In 48 years 1250 Charts with 25,000 illustrations have been designed. Does that make it a World record ??

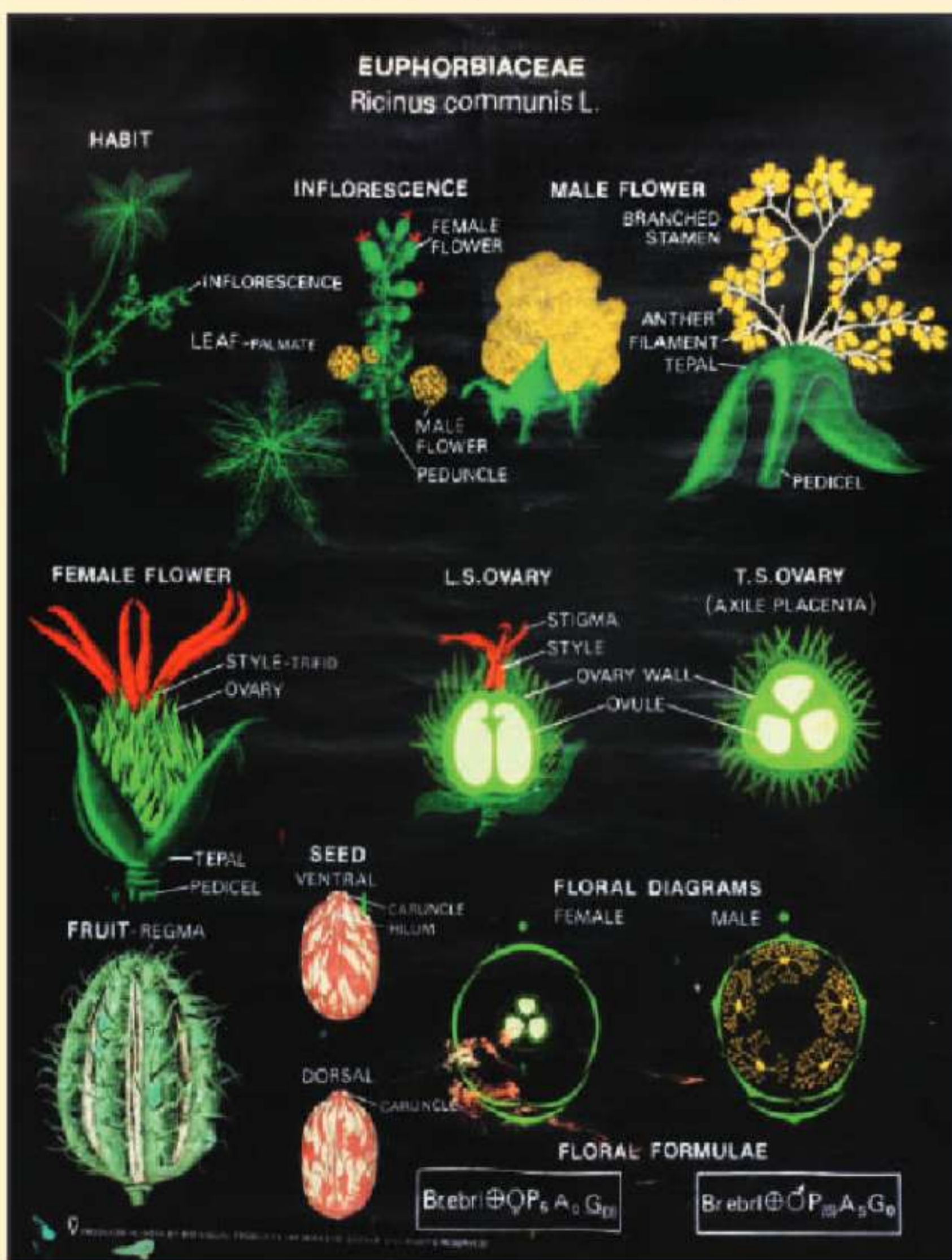
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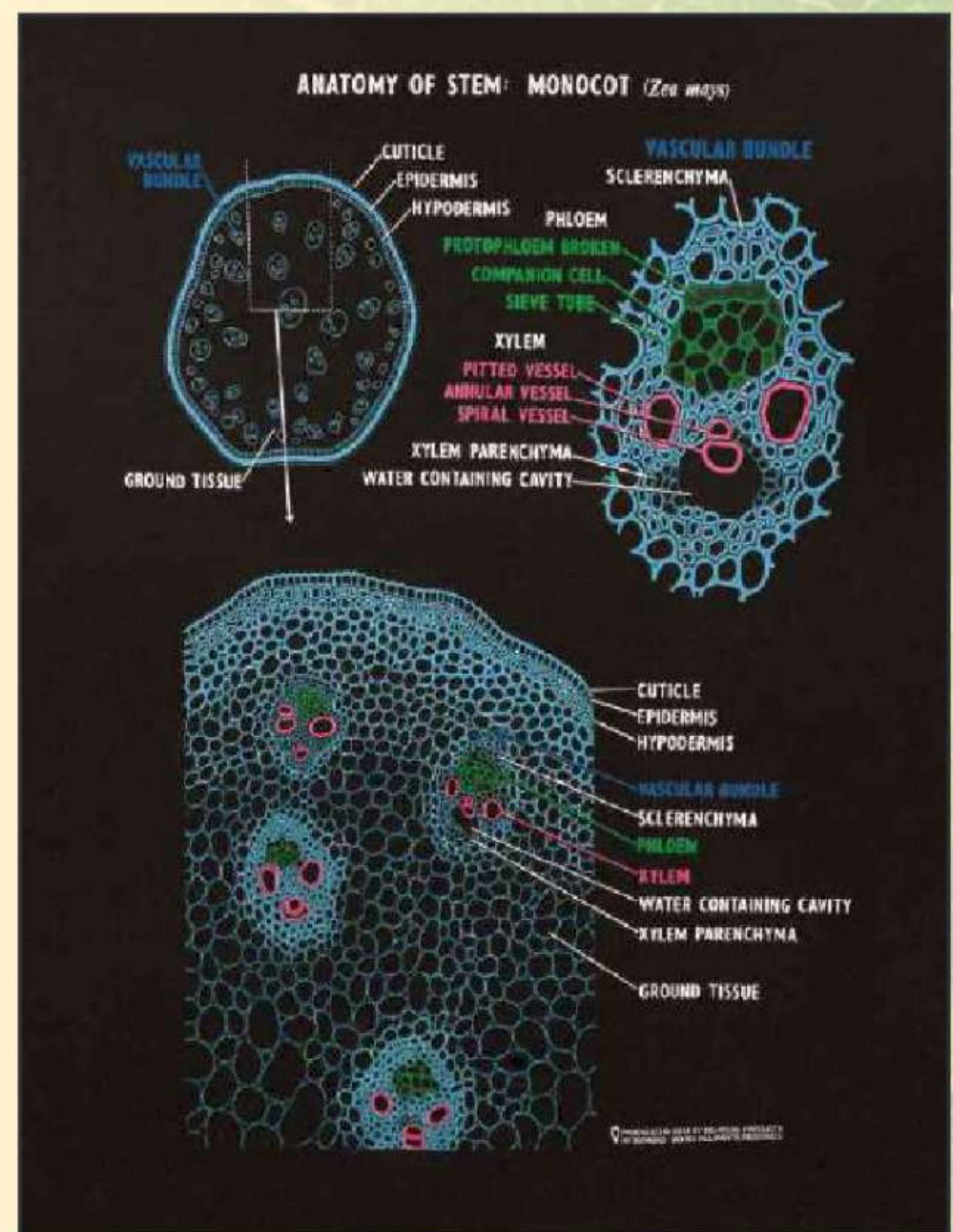
ZOOLOGY (Z-42)



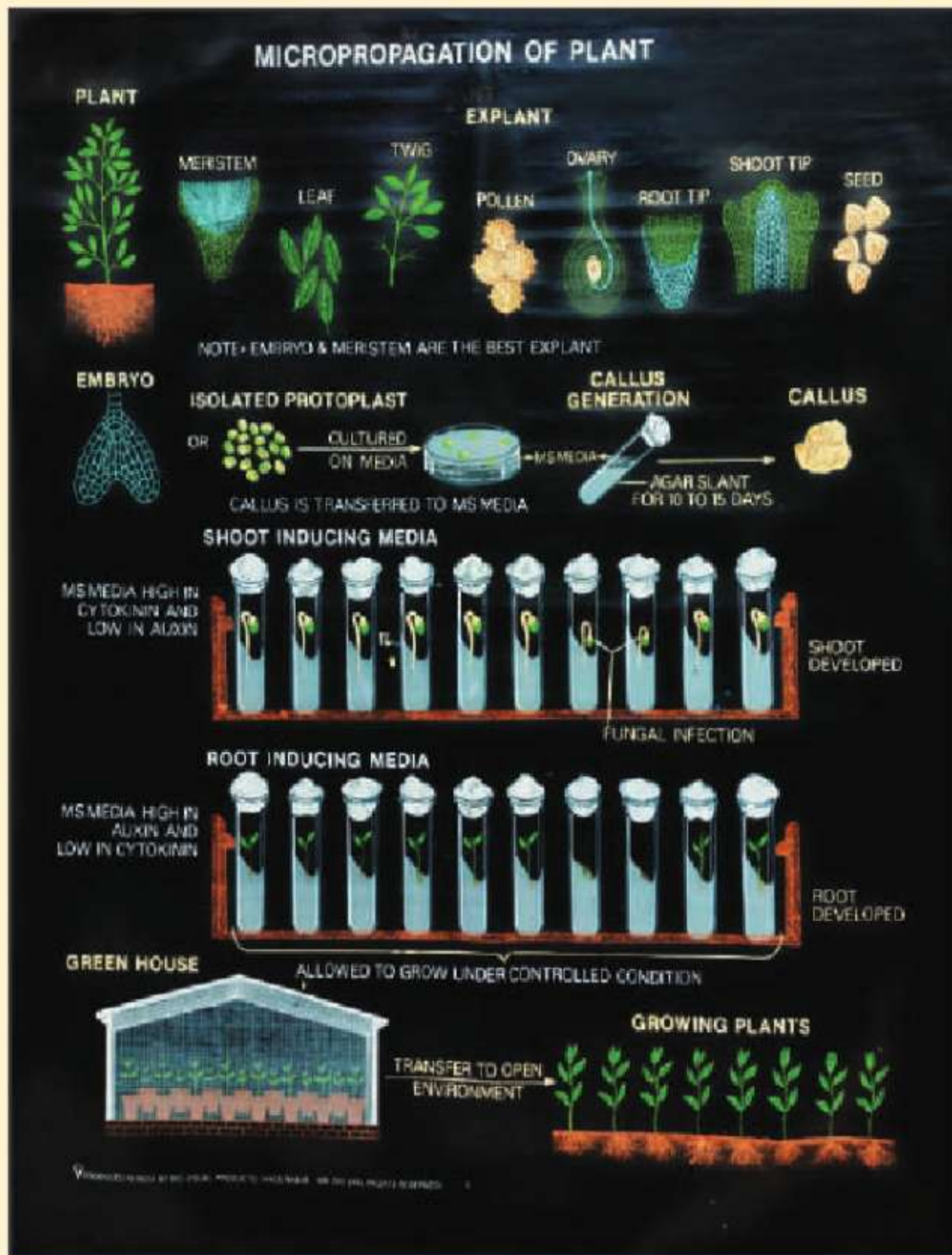
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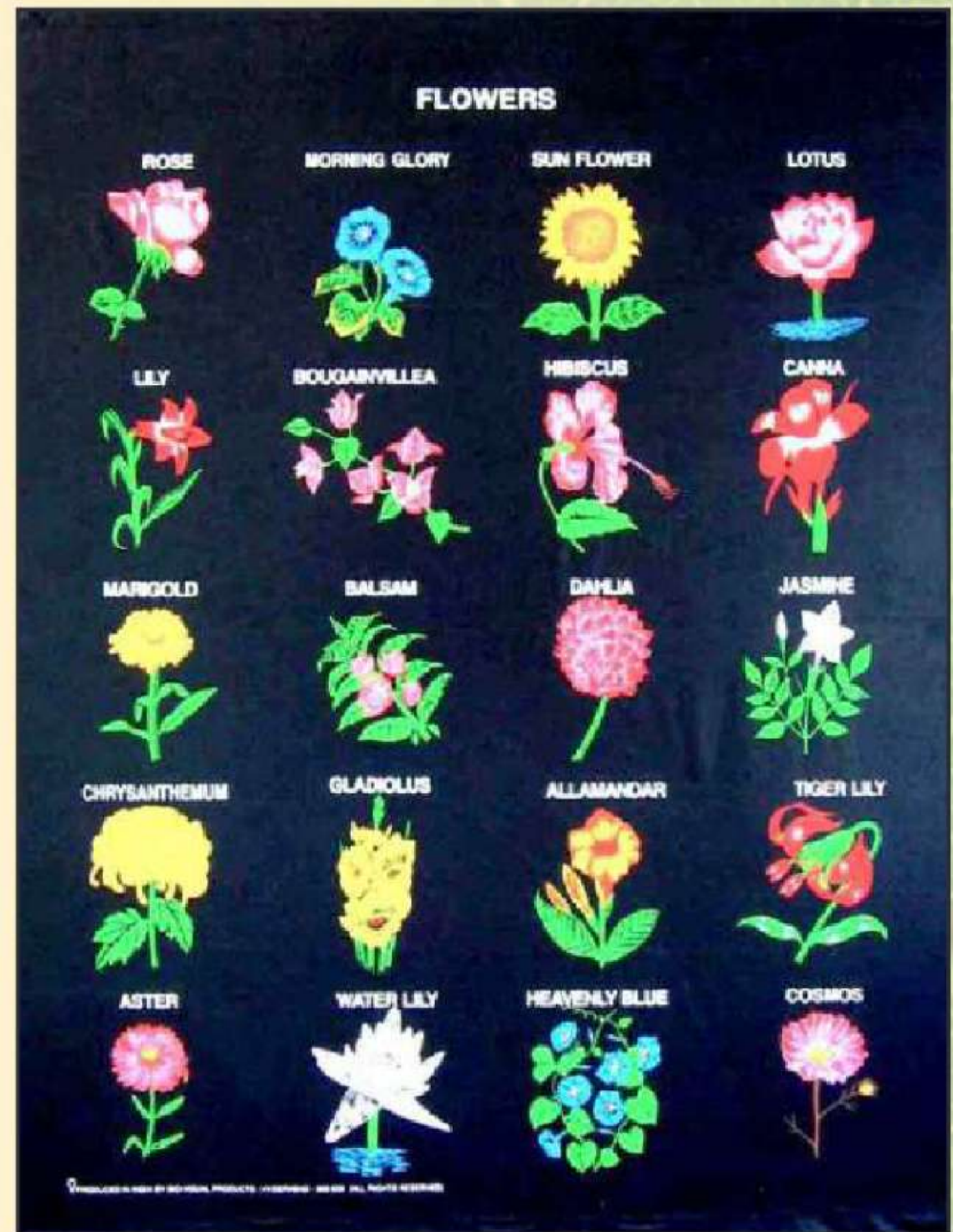
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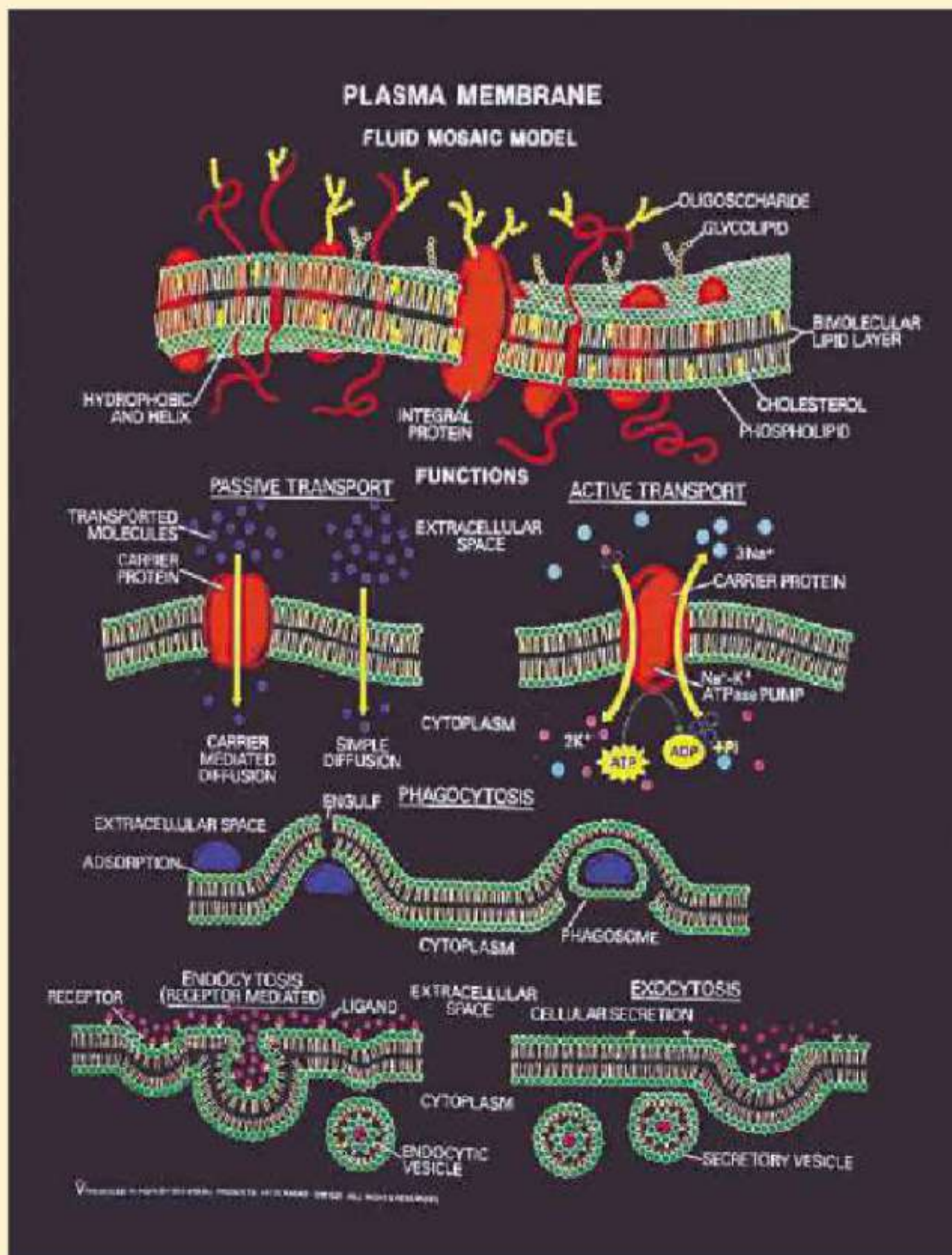
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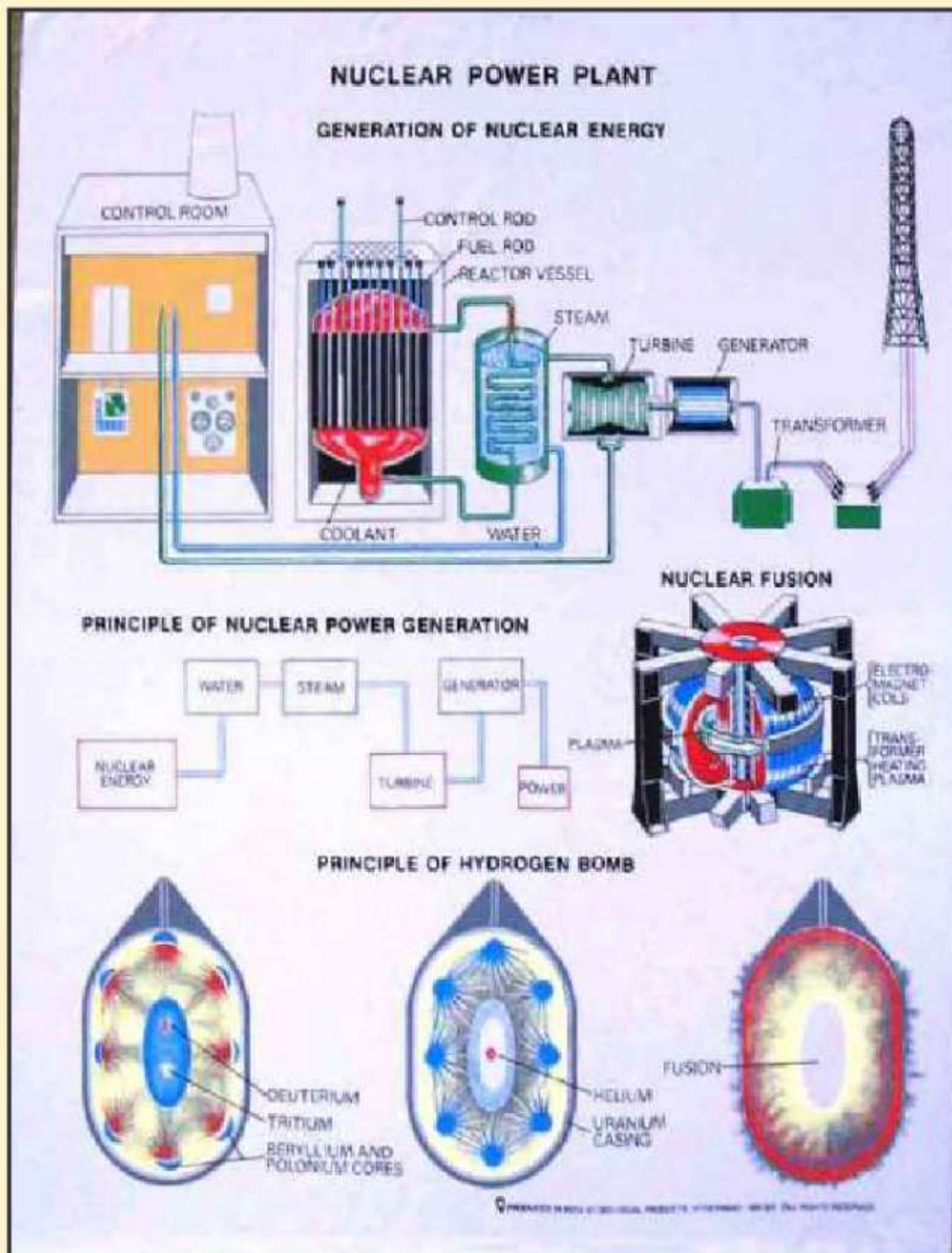
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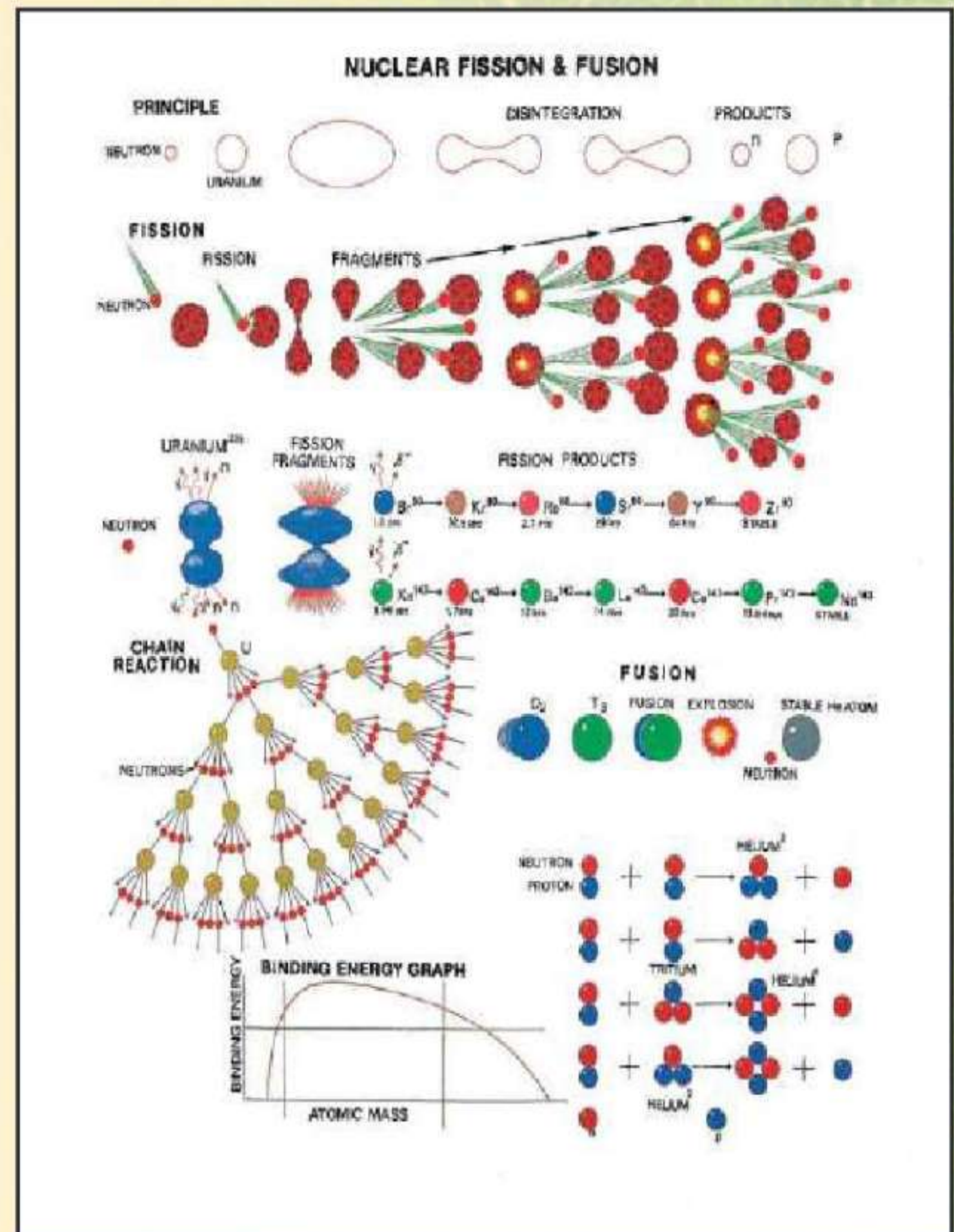
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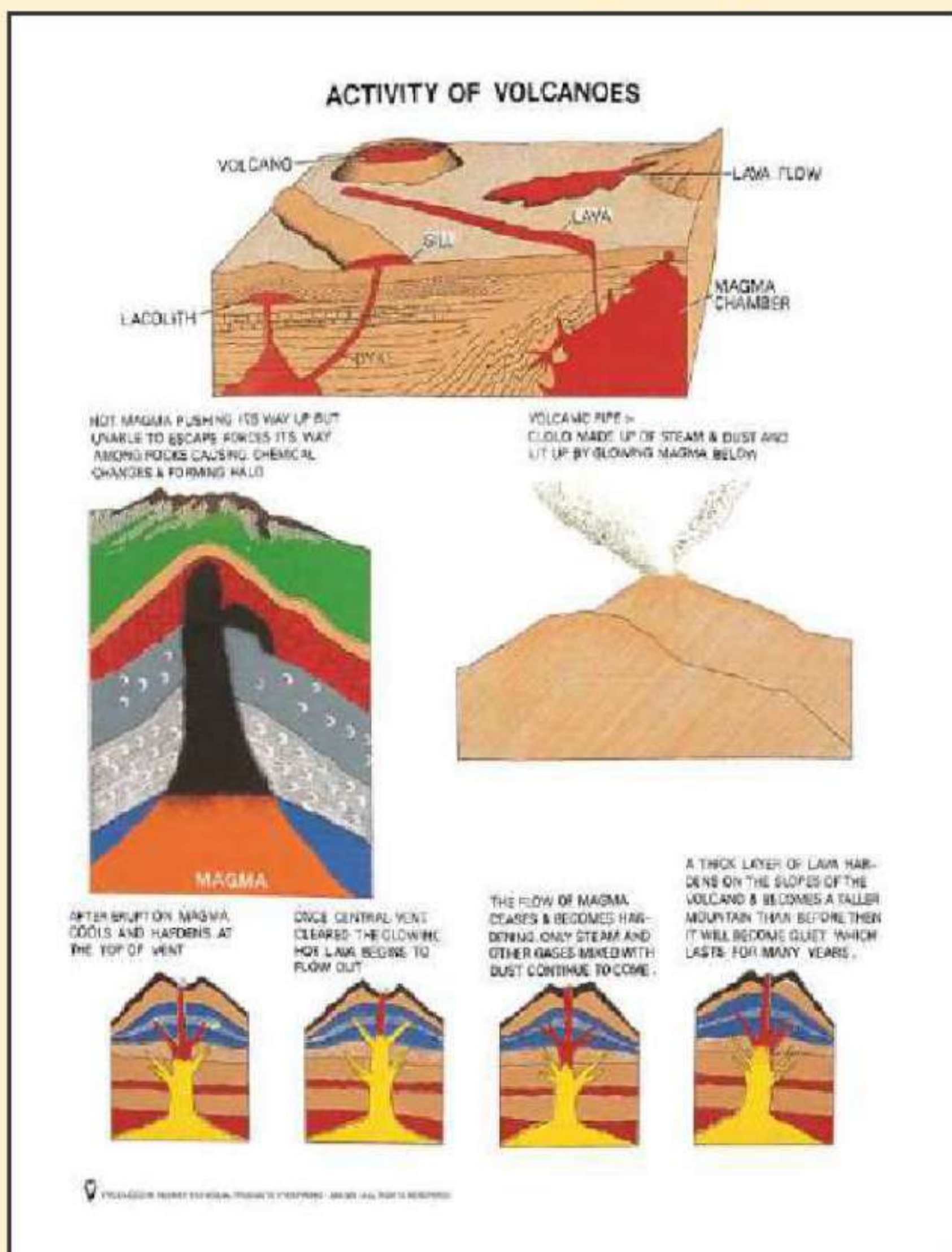
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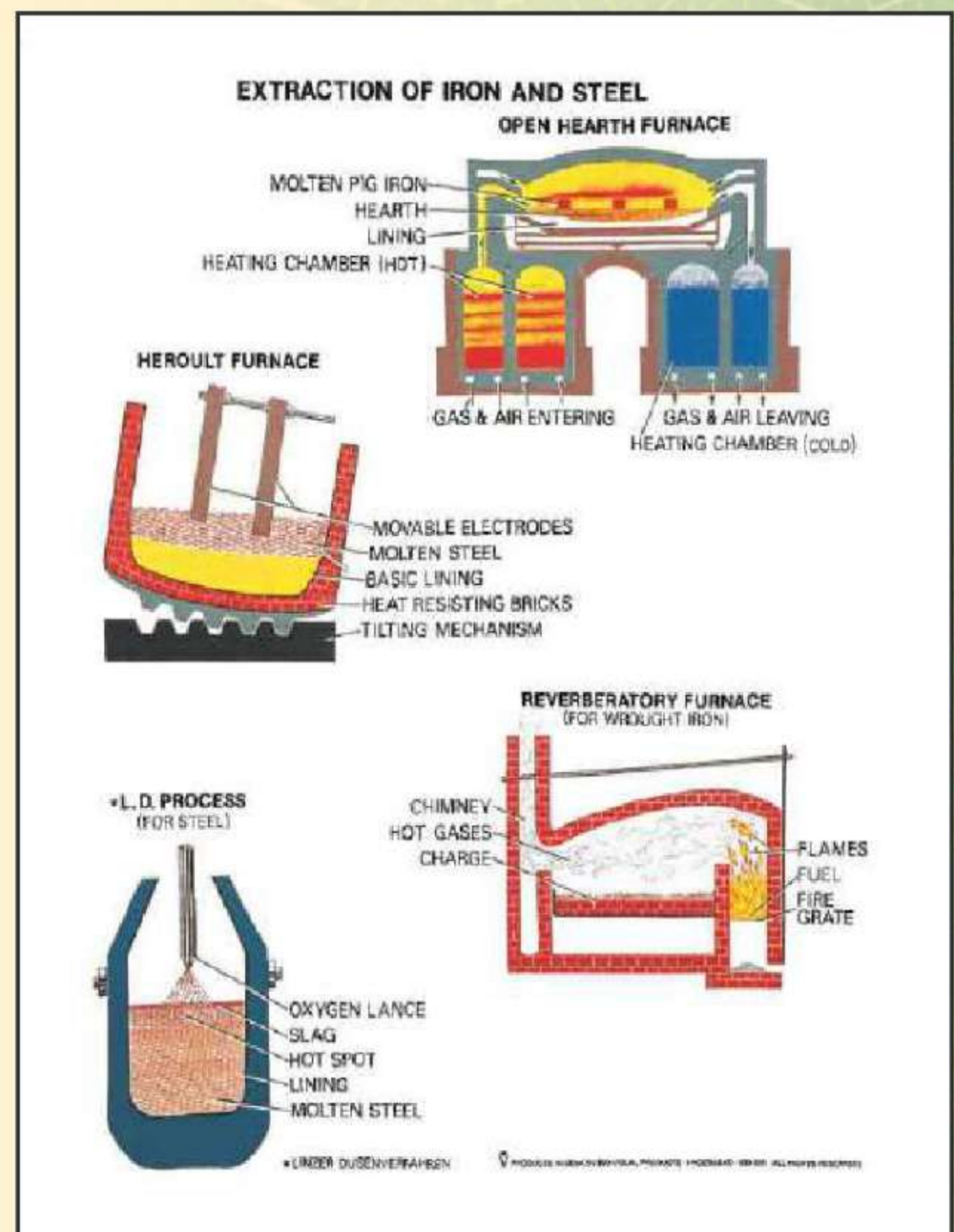
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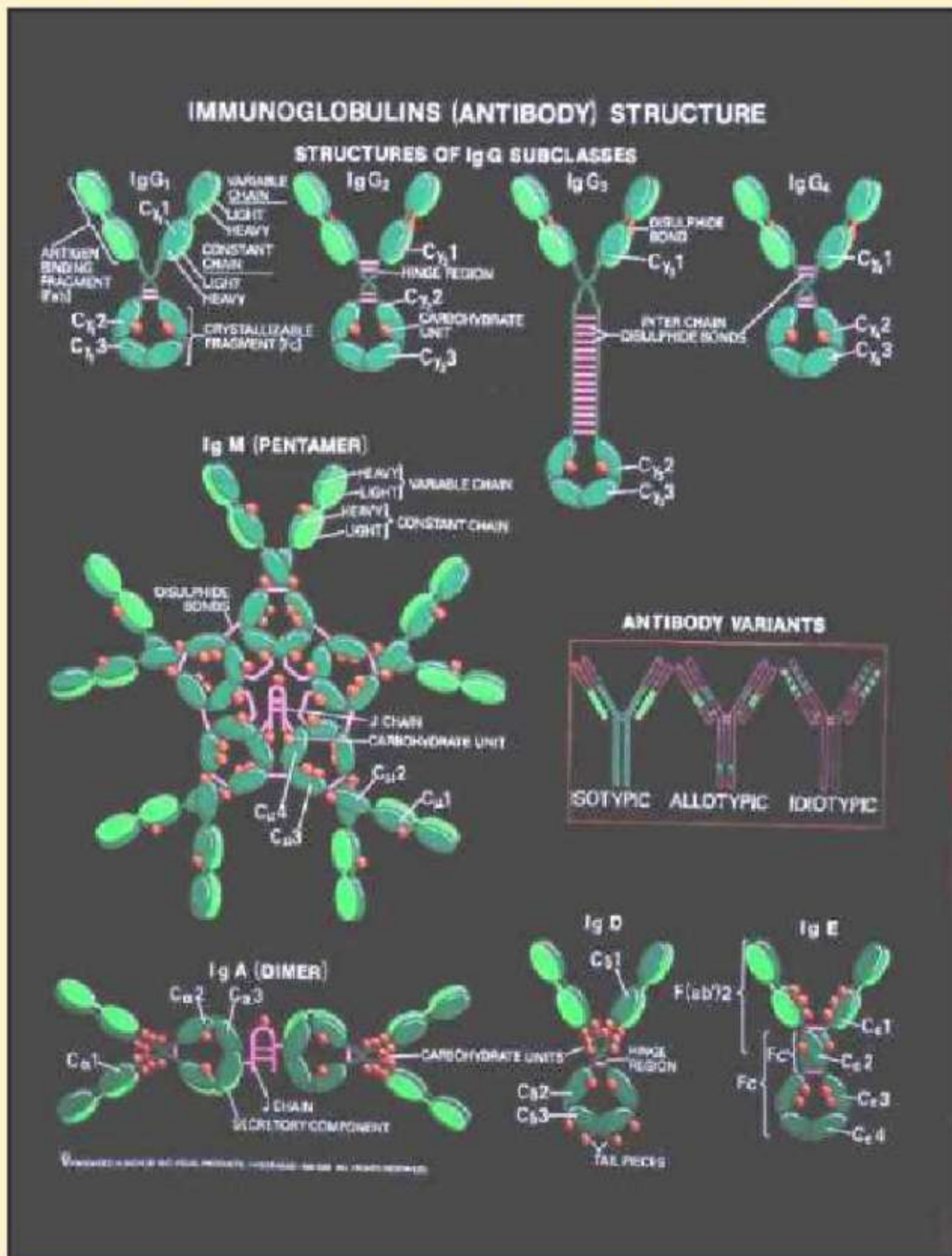
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MATHEMATICS (M-7)

FRACTIONS & DECIMALS

FRACTIONS

*A FRACTION IS A QUANTITY WHICH EXPRESSES A PART OF THE WHOLE.

HALVES **THIRDS** **FOURTHS**

SIXTHS **EIGHTHS** **TENTHS**

THE FRACTION WALL

WHOLE									
$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{3}$			$\frac{2}{3}$				$\frac{1}{3}$		
$\frac{1}{4}$		$\frac{1}{2}$			$\frac{3}{4}$		$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{2}{5}$		$\frac{3}{5}$		$\frac{4}{5}$		$\frac{1}{5}$	
$\frac{1}{6}$		$\frac{2}{6}$		$\frac{3}{6}$		$\frac{4}{6}$		$\frac{5}{6}$	
$\frac{1}{7}$		$\frac{2}{7}$		$\frac{3}{7}$		$\frac{4}{7}$		$\frac{5}{7}$	
$\frac{1}{8}$		$\frac{2}{8}$		$\frac{3}{8}$		$\frac{4}{8}$		$\frac{5}{8}$	
$\frac{1}{9}$		$\frac{2}{9}$		$\frac{3}{9}$		$\frac{4}{9}$		$\frac{5}{9}$	
$\frac{1}{10}$		$\frac{2}{10}$		$\frac{3}{10}$		$\frac{4}{10}$		$\frac{5}{10}$	

EQUIVALENT FRACTIONS

$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10}$

DECIMALS

*A DECIMAL IS A NUMBER THAT SHOWS PART OF A WHOLE, IT HAS ONE OR MORE PLACES TO THE RIGHT OF A DECIMAL POINT.

TENTHS **HUNDRETHS** **TENTHS** **HUNDRETHS**

A DECIMAL CAN BE WRITTEN AS A FRACTION

0.7 = $\frac{7}{10}$ (TWO TENTHS)

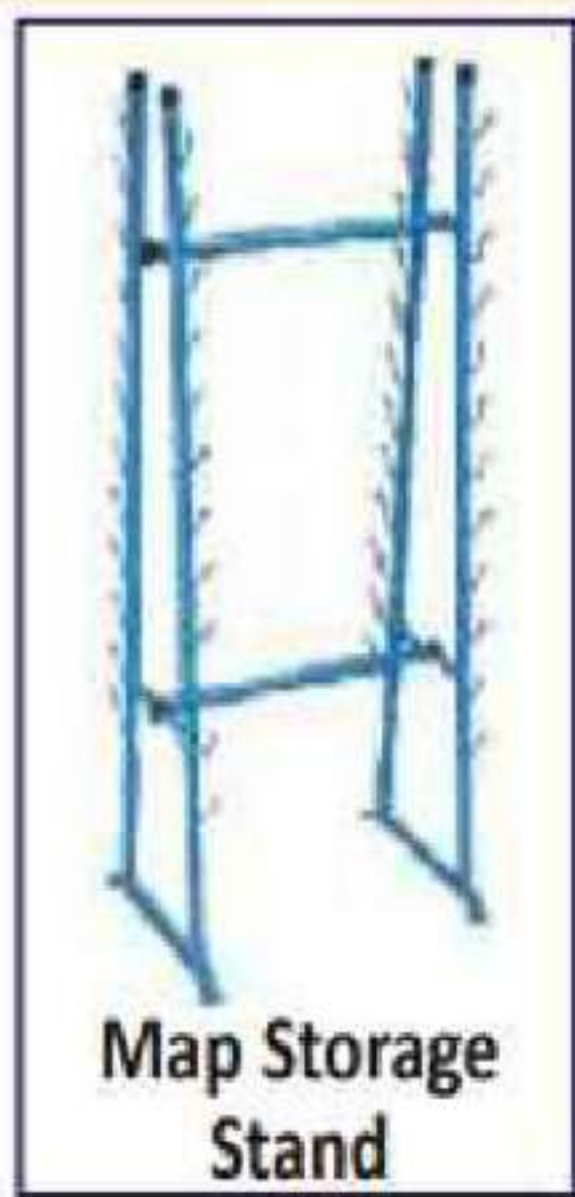
0.42 = $\frac{42}{100}$ (FORTY TWO HUNDRETHS)

3.6 = $3\frac{6}{10}$ (THREE AND SIX TENTHS)

A PLACE VALUE CHART CAN BE USED TO SHOW DECIMALS.

HUNDRETHS	TENS	ONES	TENTHS	HUNDRETHS
		3		
		8		
		0	5	
		2	6	
		1	0	
		7	0	

CHARTS STAND



MAP STORAGE STAND

DS101

As illustrated for keeping maps made of iron painted.

DS102

For keeping maps made of Iron Painted.

MAP DISPLAY STAND

DS103

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

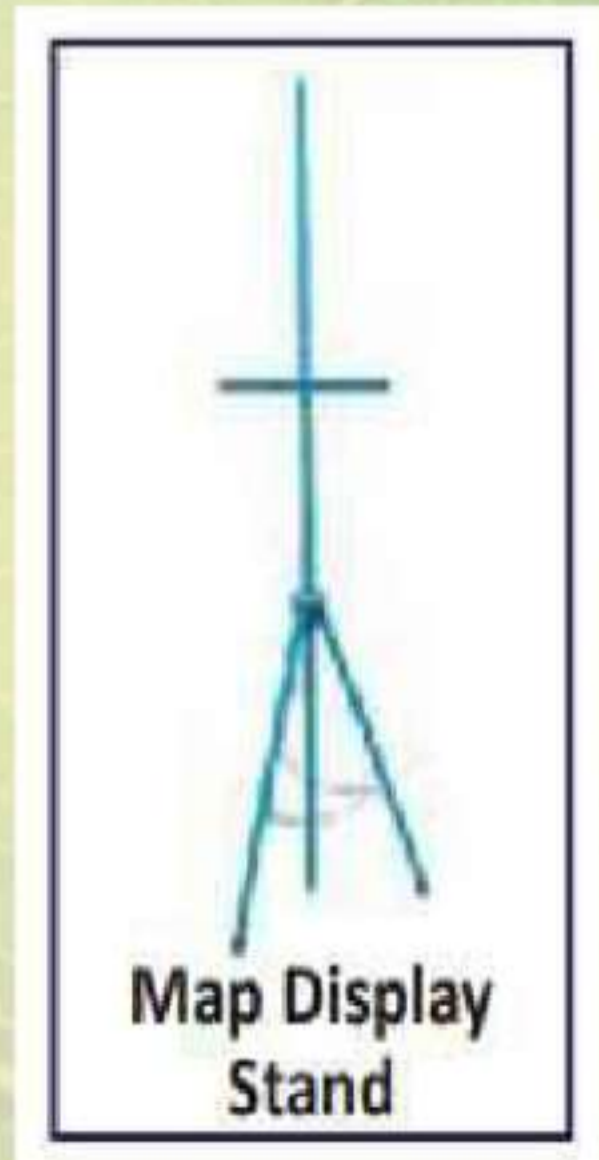


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CYTOLOGY					
Bi 9	Cell Membrane & Cell Wall	C	Bi 22	Water Cycle	C
Bi 10	Endoplasmic Reticulum	C	Bi 23	Pond Ecosystem	C
Bi 11	Mitochondrion	C	Bi 24	Carbon Cycle	C
Bi 12	Golgi Complex	C	Bi 25	Nitrogen Cycle	C
Bi 13	Chloroplast	C	Bi 26	RNA: Types, Transcription & Translation	C
Bi 14	Nucleus	C	Bi 27	RNA Structure	C
Bi 15	Chromosomes	C	Bi 28	Protein Synthesis	C
Bi 31	Structure Of Cilium & Flagellum	C	Bi 29	Urea Cycle	C
Bi 80	Ribosomes & Lysosomes	C	Bi 30	Vitamins : Sources & Deficiency	C
GENETICS					
Bi 4	Monohybrid Cross-complete Dominance	C	Bi 40	Plant Kingdom	C
Bi 5	Monohybrid Cross-incomplete Dominance	C	Bi 41	Animal Kingdom	C
Bi 6	Forms Of Comb In Fowl	C	Bi 42	Nutrients	C
Bi 7	Dihybrid Ratio	C	Bi 43	Food Pyramids	C
Bi 8	Linkage	C	Bi 44	Potato Mosaic	C
Bi 51	Mutations	C	Bi 45	Bacterial Blight of Potato	C
Bi 52	Chromosomal Aberrations	C	Bi 46	Environmental Pollution	C
Bi 53	Colour Blindness & Hemophilia	C	Bi 47	Vegetables & Fruits	C
Bi 60	Genetic Code	C	Bi 48	Oxygen Cycle	C
Bi 99	Mendelism	C	Bi 49	Food Chain	C
Bi 126	Cytoplasmic Inheritance	C	Bi 50	Food Web	C
Bi 127	Sex Linked Inheritance	C	Bi 57	Municipal Water Treatment	C
Bi 131	Crossing Over	C	Bi 58	Enzymes : Classification & Kinetics	C
Bi 141	Plasma Membrane	C	Bi 59	Phosphorous Cycle	C
Bi 147	Epistatic Interaction	C	Bi 61	Geological Time Scale	C
PARASITOLOGY					
Bi 32	Tuberculosis	C	Bi 63	Xerosere	C
Bi 33	Typhoid	C	Bi 64	Hydrosere	C
Bi 35	Diarrhoea	C	Bi 65	Biogas Plant	C
Bi 37	Leprosy	C	Bi 66	Chromatography	C
Bi 38	Pathogenic Protozoa	C	Bi 67	Electrophoresis	C
Bi 39	E. Coli	C	Bi 68	Atmosphere-Layers	C
Bi 54	Aids	C	Bi 83	Protein Structure	C
Bi 308	Measels	C	Bi 85	Terrestrial & Marine Ecosystems	C
Bi 309	Cholera	C	Bi 86	Prokaryotic & Eukaryotic Cells	C
PHYSIOLOGY					
Bi 1	Photosynthesis-light Reactions	C	Bi 106	Xerophthalmia and Rickets	C
Bi 2	Integration Of Carbohydrate, Fatty Acids & Amino Acids Anabolism-dark Reaction	C	Bi 111	Marasmus and Kwashiorkor	C
Bi 3	Integration Of Carbohydrate, Fatty Acids & Amino Acids Catabolism	C	Bi 116	Dna Finger Printing – I (10+2)	C
Bi 55	Osmosis, Plasmolysis & Diffusion	C	Bi 117	Dna Finger Print - II	C
Bi 56	Gluconeogenesis & Hmp Pathway	C	Bi 118	Balanced Diet	C
Bi 81	Active & Passive Transport	C	Bi 119	Seasons	C
Bi 82	Fatty Acid Oxidation & Regulation	C	Bi 121	Diabetes : Glucose Estimation	C
Bi 115	Ph Colour Chart	C	Bi 122	Heart attack : Cholesterol Estimation	C
GENERAL					
Bi 18	Dna 8 Loops (7' X 3') 2	C	Bi 123	Jaundice : Bilirubin Estimation	C
Bi 19	Dna Structure (compounds)	C	Bi 125	Energy Flow	C
Bi 20	Microscope	C	Bi 128	Lac Operon	C
Bi 21	Gametogenesis	C	Bi 129	Recombinant DNA & Cloning	C
			Bi 130	Monoclonal Antibodies & Blotting	C
			Bi 132	Protoplast Fusion	C
			Bi 133	Cloning & Vectors	C
			Bi 134	Tryptophan Operon	C
			Bi 136	Total count of blood	C
			Bi 137	Immunoglobulin structure	C
			Bi 138	Antigen-antibody interaction – I	C
			Bi 139	Antigen-antibody interaction – II	C

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
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Bi 141	Plasma membrane	C	ALGAE		
Bi 142	Manufacture of alcohol from molasses	C	B 80	Chlamydomonas	C
Bi 143	Transgenic animals – I	C	B 81	Volvox	C
Bi 144	Transgenic animals – II	C	B 82	Ulothrix	C
Bi 315	Hypersensitivity type – IV	C	B 83	Oedogonium	C
Bi 146	Blotting techniques for nucleic acids	C	B 86	Spirogyra	C
Bi 147	Epistatic Interaction	C	B 88	Chara	C
Bi 148	Micropropagation of plant	C	B 89	Vaucheria	C
Bi 149	Life cycle:Human Immunodeficiency virus	C	B 90	Ectocarpus	C
Bi 150	First Aid – I	C	B 92	Sargassum	C
Bi 151	First Aid – II	C	B 93	Batrachospermum	C
Bi 152	First Aid – III	C	B 94	Polysiphonia	C
Bi 301	Cardiopulmonary resuscitation (CPR-I)- Adult	C	B 168	Fucus	C
Bi 305	Cardiopulmonary resuscitation (CPR-II)- Infant	C	B 169	Diatoms : Structure	C
Bi 306	Cardiopulmonary resuscitation (CPR-III)- Childrens C	C	B 170	Diatoms : Reproduction	C
Bi 153	Blotting Technique For Proteins	C	B 215	Nostoc	C
Bi 154	Laboratory Safety	C	B 235	Oscillatoria	C
Bi 155	Forms of D.N.A B	C	B 236	Alternaria	C
Bi 156	Transposons	C	FUNGI		
Bi 157	Gene Transfer I-Conjugation	C	B 50	Rhizopus	C
Bi 158	Gene Transfer II-Tansduction	C	B 51	Albugo	C
Bi 159	Gene Transfer III-Transformation	C	B 52	Phytophthora	C
Bi 160	Flowers	C	B 53	Saccharomyces	C
Bi 162	DNA Replication types	C	B 54	Aspergillus	C
Bi 163	DNA Viral Replication	C	B 55	Penicillium	C
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Bi 231	Pedigree Analysis : Rolling Tongue	C	B 148	Ustilago	C
Bi 302	Transgenic Plants	C	B 149	Polyporus	C
Bi 74	Mushroom : Morphology & Types	C	B 150	Cercospora	C
Bi 300	Mushroom Culture	C	B 151	Colletotrichum	C
Bi 304	Cell cycle	C	B 152	Bacteria	C
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C 11	Tertiary & Quarternary Structure of Protein	C	B 226	Citrus Canker & Rice Blast	C
C 40	Amino Acids : Structure & Classification	C	B 231	Mucor	C
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Bi 108	Insects found in Food grains	C	B 271	Life Cycle of Rhizopus	C
			B 278	Moss Life Cycle	C

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
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B 7	Riccia : Reproduction	C	B 128	Germination : (Epigeal and Vivipary)	C
B 39	Marchantia : Structure	C	B 129	Germination : (Hypogeal)	C
B 40	Marchantia : Asexual Reproduction	C	B 130	Root Modifications : (Tap & Adventitious roots)	C
B 41	Marchantia : Sexual Reproduction	C	B 131	Root Modifications : (Aerial) - I	C
B 42	Anthoceros : Structure and Reproduction	C	B 132	Root Modifications : (Aerial) - II	C
B 43	Anthoceros : Sporophyte	C	B 133	Inflorescence: (Mixed, Special and Racemose)	C
B 44	Funaria : Structure and Sex organs	C	B 134	Inflorescence: (Racemose)	C
B 45	Funaria : Sporophyte	C	B 135	Inflorescence: (Cymose)	C
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B 125	Sporophytic Evolution in Bryophytes	C	B 162	Typical Flowering Plant-Floral Parts	C
B 126	Polytrichum	C	B 174	Leaf Modifications	C
B 155	Porella	C	B 179	Leaf : Shapes, Margins and Apices	C
B 172	Sphagnum : Structure	C	B 180	Phyllotaxy and Venation	C
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B 8	Lycopodium : Structure	C	B 181	Types of Leaves and kinds of Stipules	C
B 9	Lycopodium : Reproduction	C	B 182	Calyx and Corolla: Forms	C
B 10	Equisetum : Structure	C	B 183	Vegetative propagation	C
B 11	Equisetum : Reproduction	C	B 185	Pollination	C
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B 13	Pteris : Reproduction	C	B 190	Medicinal Plants I	C
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B 259	Analogous organs: Plants	C	B 266	Dry dehiscent fruits	C
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B 25	Cycas : Stem and Root	C	B 207	Mustard Plant	C
B 26	Cycas : Reproduction	C	EMBRYOLOGY		
B 27	Pinus : Stem & Needle	C	B 119	Microsporangium & Male gametophyte	C
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B 29	Gnetum : Structure	C	B 121	Fertilization and Embryogeny	C
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B 107	Stem Modifications : Underground	C	B 229	Endosperm: Types	C
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			B 262	Hybridization Process	C

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B 32	Collenchyma	C	B 19	Mitosis in Plants	C
B 33	Sclerenchyma	C	B 20	Structure of Chromosome during Mitosis	C
B 34	Xylem : Position and Structure	C	B 21	Meiosis in Plants : First Division	C
B 35	Xylem : Vessel and Perforation	C	B 22	Meiosis in Plants : Second Division	C
B 36	Phloem	C	B 23	Structure of Chromosome during Meiosis	C
ANATOMY			TAXONOMY		
B 2	Stem : Dicot (Helianthus annuus)	C	B 62	Poaceae : (Oryza sativa, Zea mays)	C
B 3	Stem : Monocot (Zea mays)	C	B 63	Acanthaceae (Ruellia tuberosa, Ecboliumlinnaenum)	C
B 4	Root : Dicot (Helianthus annuus)	C	B 64	Apiaceae : (Pimpinella anisum)	C
B 5	Root : Monocot (Zea mays)	C	B 65	Bignonaceae (Tecoma stans)	C
B 37	Leaf : Dicot (Helianthus annuus)	C	B 67	Annonaceae: (Annona squamosa & Artabotrys odoratissimus)	C
B 38	Leaf : Monocot (Zea mays)	C	B 68	Cruciferae : (Brassica nigra)	C
B 109	Stomata	C	B 69	Malvaceae : (Hibiscus rosa-sinensis)	C
B 136	Anamalous Secondary Growth (Achyranthes & Bougainvillea Stem)	C	B 70	Rutaceae : (Citrus aurantifolia)	C
B 137	Anamalous Secondary Growth (Bignonia & Stychnos Stem)	C	B 71	Fabaceae : (Papilionaceae) (Crotalaria luburnifolia)	C
B 138	Anamalous Secondary Growth (Boerhaavia & Nyctanthes Stem)	C	B 72	Caesalpinaceae : (Caesalpinia pulcherima)	C
B 139	Anamalous Secondary Growth (Leptadenica & Aristolochia Stem)	C	B 73	Mimosaceae : (Acacia nolotica)	C
B 140	Anamalous Secondary Growth (Casuarina & Mirabilis Stem)	C	B 74	Asteraceae : (Tridax procumbens)	C
B 141	Anamalous Secondary Growth (Serjania & Dracaena Stem)	C	B 75	Apocynaceae : (Catharanthus roseus)	C
B 187	Normal Secondary Growth : Dicot Stem	C	B 76	Convolvulaceae : (Ipomoea palmata)	C
B 197	Meristems	C	B 77	Solanaceae : (Datura innoxia)	C
B 212	Casuarina Stem	C	B 78	Lamiaceae : (Salvia officinalis)	C
B 219	Vascular Bundles: Types	C	B 95	Euphorbiaceae : (Ricinus communis)	C
B 230	Secondary growth in Dicotyledonous root	C	B 96	Asclepiadaceae : (Calotropis gigantia & Cryptostegia grandiflora)	C
B 238	Anatomy of Root-Dicot (Phaseolus radiatus)	C	B 97	Capparidaceae (Gynandropsis pentaphylla)	C
B 246	Salvadora : Anatomy of Stem	C	B 98	Cucurbitaceae : (Luffa cylindrica)	C
B 249	Trichomes	B	B 103	Verbenaceae	C
B 253	Dicotyledonous Seed	C	B 104	Amaranthaceae : (Achyranthes aspera, Gompherena globosa, Amaranthus viridis)	C
B 254	Monocotyledonous Seed (Maize)	C	B 111	Liliaceae : (Asparagus racemosus)	C
PHYSIOLOGY			B 116	Rubiaceae : (Ixora)	C
Bi 1	Photosynthesis-Light Reactions	C	B 166	Arecaceae (Cocos nucifera)	C
B 220	Photosynthesis : Experiments	C	B 202	Orchidaceae (Spathoglottis)	C
Bi 2	Integration of Carbohydrate, Fatty Acid & Amino Acid Anabolism-Dark Reactions	C	B 203	Musaceae (Musa paradisiaca)	C
Bi 3	Integration of Carbohydrate, Fatty Acid and Amino Acid Catabolism	C			

No.		Code	No.		Code
B	237	Liliaceae (<i>Alium cepa</i>)	C		
B	239	Fabaceae (<i>Clitoria ternata</i>)	C		
B	240	Umbellifereae: <i>Coriandrum sativum</i>	C		
B	250	Compositae: <i>Helianthus annuus</i>	C		
B	255	Renunculaceae (<i>Ranunculus Sceleratus</i>)	C		
B	257	Labiatae (<i>Ocimum sanctum</i>)	C		
B	275	Cucurbitaceae (<i>Momordica Charantia</i>)	C		
B	276	Euphorbiaceae (<i>Phyllonthus futures</i>)	C		
B	279	Fabaceae (<i>Tephrosia purpurea</i>)	C		
B	281	Urticaceae (<i>Morum-alba</i>)	C		
ECOLOGY					
Bi	22	Water Cycle	C		
Bi	23	Pond Ecosystem	C		
Bi	24	Carbon Cycle	C		
Bi	25	Nitrogen Cycle	C		
Bi	46	Environmental Pollution	C		
Bi	63	Xerosere	C		
Bi	64	Hydrosere	C		
Bi	85	Terrestrial & Marine Ecosystems	C		
B	143	Hydrophytes	C		
B	144	Hydrophytes : Root & Stem	C		
B	145	Hydrophytes : Petiole & Leaf	C		
B	146	Xerophytes	C		
B	147	Xerophytes : Leaf & Stem	C		
B	256	Phyllode and Phylloclade	C		
ZOOLOGY CHARTS					
PROTOZOA					
Z	48	Amoeba	C		
Z	49	Polystomella	C		
Z	50	Euglena	C		
Z	51	Trypanosoma	C		
Z	52	Monocystis	C		
Z	53	Plasmodium : Life Cycle	C		
Z	54	Paramecium : Structure	C		
Z	55	Paramecium : Reproduction	C		
Z	56	Vorticella	C		
Z	138	Entamoeba histolytica	C		
Bi	38	Pathogenic protozoa	C		
PORIFERA					
Z	57	Sycon : Structure	C		
Z	58	Sycon : Development	C		
Z	59	Canal System in Sponges	C		
COELENTERATA					
Z	60	Hydra	C		
Z	61	Obelia	C		
Z	62	Aurelia	C		
Z	271	Coral & Coral reefs	C		
			HELMINTHES		
Z	64	Fasciola hepatica : Structure	C		
Z	65	Fasciola hepatica : Reproduction	C		
Z	66	Taenia solium	C		
Z	102	Echinococcus	C		
Z	103	Ascaris lumbricoides	C		
Z	109	Ancylostoma	C		
Z	195	Life cycle of Ancylostoma duodenale	C		
Z	215	Tapeworm	C		
Z	216	Tapeworm: Mature Proglottid	C		
Z	232	Life Cycle of Wuchereriabancrofti	C		
Z	239	Ascaris : Reproductive System	C		
			ANNELIDA		
Z	2	Earthworm : Transverse Section	C		
Z	41	Earthworm : External Features	C		
Z	42	Earthworm : Anatomy	C		
Z	43	Earthworm : Circulatory System	C		
Z	44	Earthworm : Excretory System	C		
Z	45	Earthworm : Reproductive System	C		
Z	46	Earthworm : Nervous System	C		
Z	178	Earthworm : Digestive System	C		
Z	3	Leech: T.S. of Leech	C		
Z	47	Leech : Excretory & Reproductive Organs	C		
Z	104	Leech : External Features	C		
Z	162	Leech : Digestive System	C		
Z	193	Lac Insect : Life cycle	C		
Z	198	Nereis: Reproduction	C		
Z	242	Leech: Stages Of Cocoon Formation	C		
Z	248	Planaria External Features & Anatomy	C		
Z	250	Planaria : Nervous & reproductive System	C		
			ARTHROPODA		
Z	92	Cockroach : External Features	C		
Z	93	Cockroach : Head & Mouth Parts	C		
Z	94	Cockroach : Digestive System	C		
Z	95	Cockroach : Respiratory System	C		
Z	96	ockroach : Circulatory &Nervous Systems C	C		
Z	97	Cockroach : Reproductive System	C		
Z	163	Cockroach : Excretory System	C		
Z	267	Cockroach : Life Cycle	C		
Z	98	Mouth parts of Mosquito, Housefly and Butterfly	C		
Z	105	Prawn : Appendages	C		
Z	139	Prawn : Digestive System	C		
Z	145	Prawn : Respiratory & Circulatory Systems	C		
Z	206	Prawn: Nervous system	C		
Z	208	Prawn: Excretory system & External Features	C		
Z	213	Prawn: Reproductive System	C		
Z	156	Life History of House Fly	C		
Z	157	Life History of Butter Fly	C		
Z	158	Life History of Mosquito	C		
Z	159	Life History of Silk Moth	C		
Z	176	Harmful & Useful Insects	C		
Z	180	Scorpion : Book Lungs	C		

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
Z 181	Honey Bee : Life Cycle	C			
Z 193	Lac Insect: Life Cycle	C			
Z 260	Bat : External Features	C			
Z 268	Types of Reptiles	C			
Z 269	Types of Birds	C			
MOLLUSCA					
Z 112	Unio : Structure	C			
Z 113	Unio : Respiratory System	C			
Z 114	Pila : Shell & Mantle cavity	B			
Z 147	Nervous System : Prawn, Pila & Unio	C			
Z 196	Torsion in Gastropoda	C			
Z 219	Pila : Digestive System	C			
Z 220	Pila : Sense Organs	C			
Z 222	Pila : Excretory & Reproductive System	C			
ECHINODERMATA					
Z 134	Asterias : External Features	C			
Z 135	Asterias : Water Vascular System	C			
Z 137	Asterias : Development	C			
PROTOCHORDATA					
Z 106	Amphioxus : External Features	C			
Z 107	Amphioxus : Transverse Sections	C			
Z 108	Amphioxus : Digestive System	C			
Z 119	Amphioxus : Circulatory & Excretory Systems	C			
Z 120	Amphioxus : Development - Early	C			
Z 121	Amphioxus : Development - Later	C			
Z 146	Herdmania : External Characters	C			
Z 130	Herdmania : Development and Retrogressive Metamorphosis	C			
Z 190	Balanoglossus	C			
SCOLIODON					
Z 69	Scoliodon : Digestive System	C			
Z 70	Scoliodon : Afferent & Efferent Vessels	C			
Z 71	Scoliodon : Venous System	C			
Z 72	Scoliodon : Urinogenital System	C			
Z 73	Scoliodon : Brain	C			
Z 74	Scoliodon : Cranial Nerves	C			
Z 124	Scoliodon : Heart	C			
Z 225	Cartilaginous Fishes	C			
Z 227	Teleost Fishes	C			
Z 259	Labeo rohita : External Features	C			
Z 270	Fish Respiratory System	C			
FROG : HISTOLOGY					
Z 23	Frog : Epithelial and Muscular Tissue	C			
Z 24	Frog : Connective Tissue and Nerve Cells	C			
Z 26	Frog : Stomach and Intestine	C			
Z 28	Frog : Lung and Kidney	C			
Z 29	Frog : Testis and Ovary	C			
FROG : ANATOMY AND PHYSIOLOGY					
Z 4	Frog : Appendicular Skeleton	C			
Z 19	Frog : Skull	C			
Z 20	Frog : Vertebral Column	C			
Z 21	Frog : External Features	C			
Z 22	Frog : Anatomy	C			
Z 31	Frog : Digestive System	C			
Z 32	Frog : Respiratory System	C			
Z 33	Frog : Heart	C			
Z 34	Frog : Venous System	C			
Z 35	Frog : Arterial System	C			
Z 36	Frog : Urinogenital System	C			
Z 37	Frog : Brain	C			
Z 38	Frog : Cranial Nerves	C			
Z 40	Frog : Eye and Ear	C			
Z 99	Frog : Development-Early	C			
Z 100	Frog : Development & metamorphosis	C			
DISSECTIONS					
Z 76	Lizard : Arterial System	C			
Z 77	Pigeon : Venous System	C			
Z 78	Pigeon : Arterial System	C			
Z 79	Rat : Venous System	C			
Z 80	Rat : Arterial System	C			
OSTEOLOGY					
Z 5	Rabbit : Appendicular Skeleton	C			
Z 17	Rabbit : Skull	C			
Z 18	Rabbit : Vertebrae	C			
Z 110	Varanus : Appendicular Skeleton	C			
Z 111	Fowl : Appendicular Skeleton	C			
EMBRYOLOGY					
Z 81	Chick : Gastrulation	C			
Z 82	Chick : 20-30 hrs. Embryo	C			
Z 83	Chick : 48-56 hrs. Embryo	C			
Z 84	Chick : 72 hrs. Embryo	C			
Z 85	Chick : 96 hrs. Embryo	C			
Z 99	Frog : Development - Early	C			
Z 100	Frog : Development and Metamorphosis	C			
Z 130	Herdmania : Development and Retrogressive Metamorphosis	C			
Z 120	Amphioxus : Development - Early	C			
Z 121	Amphioxus : Development - Later	C			
Z 170	Placenta Types : Histological Structure	C			
Z 171	Placenta Types : Distribution of Villi	C			
Z 177	Types of Eggs & Cleavages	C			
CYTOLOGY					
Z 1	Ultra Structure of a typical Animal Cell	C			
Z 12	Mitosis in Animals	C			
Z 13	Structure of chromosome during Mitosis	C			
Z 14	Meiosis in Animals (1st Division)	C			
Z 15	Meiosis in Animals (2nd Division)	C			
Z 16	Structure of Chromosome during Meiosis	C			

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
MAMMALIAN HISTOLOGY					
Z 87	Rabbit : Stomach and Intestine	C	Z 151	Rabbit : Venous System	C
Z 88	Rabbit : Liver and Pancreas	C	Z 184	Rabbit : Nervous System	C
Z 89	Rabbit : Lung, Spleen and Spinal Cord	C	Z 186	Rabbit : Respiratory System	C
Z 90	Rabbit : Kidney	C	Z 187	Rabbit & Hare : External Features	C
Z 91	Rabbit : Testis and Ovary	C	Z 188	Rabbit : Embryo Development	C
COMPARATIVE ANATOMY					
Z 6	Vertebrates : Hind Limb Bones	C	Z 229	Rabbit : Types of Joints	C
Z 8	Vertebrates : Fore Limb Bones	C	Z 230	Rabbit : Male Reproductive System	C
Z 9	Vertebrates : Pectoral Girdles	C	Z 231	Rabbit : Female Reproductive System	C
Z 122	Vertebrates : Evolution of Aortic Arches	C	POULTRY		
Z 123	Vertebrates : Heart	C	Z 63	Poultry Disease	C
Z 125	Vertebrates : Brain	C	EVOLUTION		
Z 141	Vertebrates : Male Urinogenital System	C	Z 10	Evolution of Horse	C
Z 160	Snakes: Poisonous	C	Z 166	Archaeopteryx	C
Z 172	Snakes: Non-Poisonous	C	Z 167	Morphological Evidences	C
Z 273	Identification of Poisonous & Non-Poisonous Snakes	C	Z 168	Lamarckism	C
GENERAL ANATOMY					
Z 118	Hair : Structure & Development	C	Z 169	Evolution of Man	C
Z 144	Lizard & Pigeon : Urinogenital System	C	Z 173	Embryological Evidences	C
Z 148	Tooth : Structure & Development	C	Z 199	Zoogeographical distribution of Animals	C
Z 152	Rat : Digestive System	C	This is a double sized chart (1.25m x 2m) 2C		
Z 153	Rat : Urinogenital System	C	Bi 41	Animal Kingdom	C
Z 164	Fish : External Features	C			
Z 165	Bird : External Features	C			
Z 174	Larvae : Invertebrata	C			
Z 183	Cow : Digestive System	C			
Z 272	Cow Skeleton System	C			
Z 189	Animals C Z 223	C			
HOMOLOGOUS ORGANS: ANIMALS					
Z 224	Analogous organs: Animals	C			
Z 266	Rat: External Features	C			
PIGEON : ANATOMY AND PHYSIOLOGY					
Z 77	Pigeon : Venous System	C			
Z 78	Pigeon : Arterial System	C			
Z 154	Pigeon : Digestive System	C			
Z 155	Pigeon : Respiratory System	C			
Z 175	Pigeon : Flight Muscles	C			
Z 115	Pigeon : Heart	C			
Z 126	Pigeon : Brain	C			
Z 117	Feather : Structure, Types & Develop	C			
Z 191	Pigeon : External Features	C			
Z 144	Lizard & Pigeon : Urinogenital System	C			
RABBIT ANATOMY & PHYSIOLOGY					
Z 116	Rabbit : Heart	C			
Z 133	Rabbit : Brain	C			
Z 136	Rabbit : Anatomy	C			
Z 143	Rabbit : Urinogenital System	C			
Z 149	Rabbit : Digestive System	C			
Z 150	Rabbit : Arterial System	C			

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
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CHORDATA

Z 202	Calotes : External Features & Digestive system	C
Z 203	Calotes: Heart & arterial system	B
Z 204	Calotes: Venous system B	
Z 218	Calotes : Digestive & Respiratory System	C

AQUACULTURE

Z 255	Fish Culture & rearing Methods	C
Z 68	Aquaculture Impotence	B

BIOMEDICAL TECHNOLOGY

Bi 88	X-ray Radiography	C
Bi 89	Magnetic Resonance Imaging (MRI)	C
Bi 90	Electro Cardio Graph (Ecg)	C
Bi 91	Electro Encephalography (Eeg)	C

HEALTH AWARENESS CHARTS

Bi 92	Self Breast Examination	C
Bi 93	Harmful Effects of Alcohol	C
Bi 94	Harmful Effects of Tobacco Smoking	C
Bi 95	Harmful Effects of Steroids	C
Bi 96	Sexually Transmitted Infections	C
Bi 97	Communicable Diseases	C
Bi 98	Food Safety	B
Bi 100	Handwashing Techniques	C
Bi 105	BMI Chart (Body Mass Index)	C
Bi 106	BP (Blood pressure)	C
Bi 107	Dialysis	C
Bi 108	Paralytic Features of Anterior Poliomyelitis	C

MATHEMATICS

M 2	Curve Tracing	C
M 4	Volume Integrals	C
M 5	The Central Conicoids & Paraboloids	C
M 6	Generating Lines Ruled Surfaces	C
M 7	Fractions & Decimals	C
M 8	Measurements C M 9 Time	C
M 10	Geometrical Form	C
M 12	Numbers	C
M 14	Mathematics Symbols	C
M 15	Graph Chart	C
M 16	Addition	C
M 17	Division	C
M 18	Multiplication	C
M 19	Subtraction	C

HUMAN ANATOMY CHARTS

(Human Anatomy Charts are in the size 90 X60 cms)

HA 1	Human : Skeleton	A
HA 2	Human : Skeleton Joints and Limbs	A
HA 3	Human : Heart	A
HA 4	Human : Arterial System	A
HA 5	Human : Venous System	A
HA 6	Human: Digestive System	A
HA 7	Human: Respiratory System	A
HA 8	Human: Excretory System	A
HA 9	Human: Brain	A
HA 10	Human: Spinal Cord	A
HA 11	Human: Skin	A
HA 12	Human: Ear	A
HA 13	Human: Eye	A
HA 14	Human: Endocrine glands	A
HA 15	Human: Reproductive System	A
HA 16	Human: Nervous System	A
HA 17	Human: Muscular System	A
HA 18	Human: Nose	A
HA 19	Human: Tongue	A
HA 20	Human: Muscles	A
HA 21	Human: Cartilage & Bone	A
HA 22	Human: Blood	A
HA 23	Human : Blood Groups	A
HA 24	Human : Embryo Development I	A
HA 25	Human : Embryo Development II	A
HA 26	Human : Lymphatic System	A
HA 27	Human : Teeth	A
HA 28	Human : Menstrual Cycle	A
HA 29	Human : Immunity System	A
HA 30	Human : Body	A
HA 31	Human : Ovum	A
HA 32	Human : Vascular System and Viscera	A
HA 33	Human : Blood - I (R.B.C.)	A
HA 34	Human : Blood - II (W.B.C.)	A
HA 35	Human : Sperm	A
HA 36	Human : Sense Organs	A
HA 37	Human : Neuron	A
HA 38	Human : Nephron	A
HA 39	Human : Endocrine Glands: Function	A
HA 40	Human : Liver & Pancreas	A
HA 41	Human : Circulatory System	A
HA 42	Human : Anatomy	A
HA 43	Human : Reproductive System (Male)	A
HA 44	Human : Stomach	A
HA 45	Human : Reproductive System (Female)	A
HA 46	estigial Organs in Human Being	A
HA 47	Human : Ultra Structure Of Human Cell	A
HA 48	Human : Large Intestine	A
HA 49	Human : Skull System	A
HA 50	Human : Mammary Gland	A
HA 51	Human : Karyogram	A
HA 52	Human : Small Intestine	A
HA 53	Human : Pitutary Gland	A
HA 54	Human : Thyroid Gland	A
HA 55	Human : Lymph nods	A
HA 56	Human : Adrenal Gland	A
HA 57	Human : Pelvis Anatomy	A
HA 58	Human : Wrist Anatomy	A
HA 59	Human : Liver	A
HA 60	Human : Rib Cage	A

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
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PHARMACOLOGY CHARTS

Bi 137	Imunoglobulin Structure	C
Bi 170	Drug Acting on Nervous System	C
Bi 182	Lymphoid organs and Tissues	C
Bi 198	Filtration-II	C
Bi 201	Antiepileptic drugs	C

PHARMACOGNOSY

Bi 225	Turmeric	C
Bi 226	Ginger	C
Bi 227	Ashwagandha	C
Bi 228	Rauwolifia	C
Bi 229	Neem	C
Bi 232	Cinchona	C
Bi 233	Amla	C
Bi 234	Belladona	C
Bi 235	Cardamom	C
Bi 236	Digitalis Leaf	C
Bi 238	Meriacarp of Fennel	C
Bi 239	Aloes	C
Bi 240	Cascara bark	C
Bi 241	Clove	C
Bi 242	Cinnamon	C
Bi 243	Squill	C
Bi 244	Anethem (Dill)	C
Bi 245	Ephedra stem	C
Bi 246	Ipecacacuanna	C
Bi 247	Coriander fruit	C
Bi 248	Liquorice root	C
Bi 250	Coca Leaf	C
Bi 252	Senna Leaf	C
Bi 253	Tobacco	C
Bi 254	Bitter Orange Peel	C
Bi 256	Nux vomica seed	C
Bi 257	Quassia wood	C
Bi 258	Datura leaf	C

GEOLOGY CHARTS

G 1	Solar System	C
G 2	Solar, Lunar Eclipses & Tides	C
G 3	Distribution of Earth Quakes	C
G 4	Distribution of Volcanoes	C
G 5	Activity of Volcanoes	C
G 6	Rivers and their Geological Action	C

G 7	Continental Drift	C
G 8	Types of Folds	C
G 9	Attitudes assumed by an Axial Plane & an Axis of folds	C
G 10	Description of Folds	C
G 11	Structure of the Earth and Isostasy	C
G 12	Description & Classification of Faults-I	C
G 13	Description & Classification of Faults-II	C
G 14	Unconformity Structure	C
G 15	Forms of Igneous Rocks	C
G 16	Structural features of Rocks - I	C
G 17	Structural features of Rocks - II	C
G 18	Lineation	C
G 19	Mountains and Mountain Building	C
G 20	Glaciers	C
G 21	Star : Life Cycle	C
G 22	Latitude & Longitude	C
Bi 61	Geological Time Scale	C
Bi 68	Atmosphere - Layers	C
Bi 22	Water Cycle	C
Bi 24	Carbon Cycle	C
Bi 119	Seasons	C

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
BIO-CHEMISTRY, MICROBIOLOGY & BIO-TECHNOLOGY CHARTS					
Bi 9	Cell Membrane & cell wall	C	Bi 164	Major Histocompatibility Class I Molecule	C
Bi 10	Endoplasmic Reticulum	C	Bi 165	Major Histocompatibility Classii Molecule	C
Bi 11	Mitochondrion	C	Bi 167	Electron Microscope	C
Bi 12	Golgi Complex	C	Bi 168	Complement System	C
Bi 13	Chloroplast	C	Bi 169	Kerb's Cycle	C
Bi 14	Nucleus	C	B 153	Viruses	C
Bi 15	Chromosomes	C	B 176	C4 & Cam Cycles	C
Bi 18	DNA 8 Loops (7'x3') 2C		B 196	Plant Tissue Culture	C
Bi 19	DNA Structure (Compounds)	C	B 194	Plant Respiration	C
Bi 26	RNA Types: Transcription & Translation	C	B 199	Plant Hormones	C
Bi 27	RNA Structure	C	B 231	Mucor	C
Bi 28	Protein Synthesis	C	B 232	Mucor: Life Cycle	C
Bi 29	Urea Cycle	C	C 9	Dna Structure & Replication	C
Bi 30	Vitamins: Sources & Deficiency	C	C 10	Alpha Helical Structure Of A Polypeptide	C
Bi 55	Osmosis, Plasmolysis & Diffusion	C	C 11	Tertiary & Quarternary Structure Of Protein	C
Bi 56	Gluconeogenesis & HMP pathway	C	C 40	Amino Acids : Structure & Classification	C
Bi 58	Enzymes: Classification & Kinetics	C	Bi 32	Tuberculosis	C
Bi 60	Genetic Code	C	Bi 33	Typhoid	C
Bi 66	Chromatography	C	Bi 34	Diphtheria	C
Bi 67	Electrophroesis	C	Bi 35	Diarrhoea	C
Bi 80	Ribosomes & Lysosomes	C	Bi 36	Filariasis	C
Bi 81	Active & Passive Transport	C	Bi 37	Leprosy	C
Bi 82	Fatty Acid Oxidation & Regulation	C	Bi 38	Pathogenic Protozoa	C
Bi 83	Protein Structure	C	Bi 39	E. Coli	C
Bi 84	Nucleotides & Biosynthesis	C	B 49	Saprolegnia	C
Bi 86	Prokaryotic & Eukaryotic Cells	C	B 50	Rhizopus	C
Bi 111	Marasmus & Kwashiorkor	C	B 51	Albugo	C
Bi 118	Balanced Diet	C	B 52	Phytophthora	C
Bi 121	Diabetes : Glucose Estimation	C	B 53	Saccharomyces	C
Bi 122	Heart attack : Cholesterol Estimation	C	B 55	Penicillium	C
Bi 123	Jaundice : Bilirubin Estimation	C	Bi 54	Aids	C
Bi 128	Lac Operon	C	B 58	Puccinia	C
Bi 129	Recombinant DNA & Cloning	C	B 79	Myxophyceae	C
Bi 130	Monoclonal Antibodies & Blotting	C	B 80	Chlamydomonas	C
Bi 134	Tryptophan operon	C	Bi 86	Prokaryotic & Eukaryotic Cells	C
Bi 135	Arabinose operon	C	Bi 106	Xerophthalmia And Rickets	C
Bi 136	Total count of blood	C	Bi 109	Pellagra And Goitre	C
Bi 137	Immunoglobulin structure	C	Bi 110	Ariboflavinosis And Scurvy	C
Bi 138	Antigen-antibody interaction – I	C	Bi 111	Marasmus And Kwashiorkor	C
Bi 139	Antigen-antibody interaction – II	C	B 150	Cercospora	C
Bi 140	Polymerase chain reaction	C	B 151	Colletotrichum	C
Bi 141	Plasma membrane	C	B 153	Viruses	C
Bi 142	Manufacture of alcohol from molasses	C	B 189	Helminthosporium	C
Bi 145	Hypersensitivity type – I	C	B 213	Plant Diseases	C
Bi 146	Blotting techniques for nucleic acid	C	B 226	Citrus Canker & Rice Blast	C
Bi 149	Life Cycle: Human immunodeficiency virus	C	Bi 73	Types Of Immunity	C
B 152	Bacteria	C	Bi 77	Antigens	C
Bi 153	Blotting Technique For Protein	C	Bi 78	Immunological Disorders (aids)	C
Bi 154	Laboratory Safety	C	Bi 79	Role Of Hormone In Human Being	C
Bi 155	Forms of D.N.A	C			
Bi 156	Transposons	C			
Bi 157	Gene Transfer I-Conjugation	C			
Bi 158	Gene Transfer II-Tansduction	C			
Bi 159	Gene Transfer III-Transformation	C			
Bi 162	DNA Replication types	C			
Bi 163	DNA Viral Replication	C			

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
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AGRICULTURAL SCIENCE CHARTS

Bi	44	Potato Mosaic	C
Bi	45	Bacterial Blight of Potato	C
Bi	105	Life cycle of Lesser Grain Borer and Angoumois Grain Moth	C
Bi	107	Rice Moth and Pulse Beetle	C
Bi	108	Insects found in Food grains	C
Bi	147	Epistatic interaction	C
Bi	148	Micropropagation of plant	C
Bi	160	Flowers	C
Bi	167	Electron Microscope	C
B	49	Saprolegnia	C
B	54	Aspergillus	C
B	57	Erysiphe	C
B	60	Agaricus	C
B	148	Ustilago	C
B	149	Polyporus B B 154 Lichens	C
B	189	Helminthosporium	C
B	190	Medicinal Plants I	C
B	191	Medicinal Plants II	C
B	214	Medicinal Plants III	C
B	218	Medicinal Plants IV	C
B	216	Sorghum Diseases	C
B	230	Secondary growth in Dicotyledonous root	C
B	235	Oscillatoria	C
B	236	Alternaria	C
B	243	Plants of Economic Importance	C
B	244	Pollination & Fertilization	C

PHYSICS CHARTS

P	1	Inter Conversion of Energy Forms	C
P	2	Sound Spectra	C
P	3	Meter Principles Part - I	C
P	4	Meter Principles Part - II	C
P	5	Semi-Conductor Fundamentals Part - I	C
P	6	Semi-Conductor Fundamentals Part - II	C
P	7	Transistor Characteristics	C
P	8	Electronic Symbols Part - I	C
P	9	Electronic Symbols Part - II	C
P	10	Nuclear Radiation Detectors Part - I	C
P	11	Nuclear Radiation Detectors Part - II	C
P	12	Line Spectra of some elements	C
P	13	Crystal Structure - Types	C
P	14	Particle Accelerators -Cyclotron	C
P	15	Triode characteristics - Static	C
P	16	Velocity of light (Focault's Rotating mirror method)	C
P	17	Atomic Reactor	C
P	18	Cathode Ray Oscilloscope	C
P	19	8085 - Instruction Set	C
P	20	Light - Refraction	C
P	21	Light - Reflection	C
P	22	Light - Dispersion	C
P	23	Light - Diffraction	C
P	24	Light - Interference	C
P	25	Light - Polarisation	C
P	26	Lenses - Images	C
P	27	Telescopes	C
P	28	Lasers	C
P	29	Magnets & Magnetic Properties	C
P	30	Transformers	C
P	31	Dynamos	C
P	32	Kirchoff's Laws -Wheatstone &Metre Bridges	C
P	33	Dimensional Formulae	C
P	35	Surface Tension & Capillarity	C
P	36	Levers & Pulleys	C
P	37	Images of Lenses & Mirrors	C
P	38	Electromagnetic Induction	C
P	39	Rectifiers	C
P	42	Logic Gates	C
P	43	Oscillators	C
P	45	Television	C
P	46	Photographic Camera	C
P	47	8085-Functional Block Diagram	C
P	49	Electro Magnetism	C
P	50	Ohm's law - Electric Circuits	C
P	53	Newton's Laws of Motion	C
P	55	Amplifiers : Single Stage	C
P	56	Amplifiers : Multi Stage	C

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
P 57	Amplifiers : Feed Back	C			
P 58	Vernier, Screw Gauge & Spherometer	C			
P 59	Satellite Communication	C			
P 60	Boyle's Law	C			
P 61	Determination of Focal Lengths In Lenses & Mirrors	C			
P 62	Velocity of Sound	C			
P 63	Radar	C			
P 65	8086 : Functional Block Diagram	C			
P 68	Nuclear Power Plant	C			
P 69	Charles Law	C			
P 70	Biconvex & Double Convex Lens	C			
P 72	Electric Motor	C			
P 73	Resistor Colour Code	C			
E 11	Refrigerator & Operation	C			
E 12	Refrigeration Principles	C			
E 21	Communication Systems - I	C			
E 22	Communication Systems - II	C			
E 23	Communication Systems - III	C			
E 24	Industrial Electronics - I	C			
E 25	Industrial Electronics - II B				
E 26	Industrial Electronics - III	C			
E 27	Interfacing Peripherals - I	C			
E 28	Interfacing Peripherals - II	C			
E 29	Interfacing Peripherals - III	C			

PHYSICAL SCIENCE CHARTS

PS 1	Periodicity of Elements : Atomic Radii & Electronegativity	C
PS 4	Periodic classification of Elements: long Form (125 x 200 cms) 2	C
PS 5	Liquefaction of Gases (Air)	C
PS 6	Electro -Magnetic Radiation Spectra	C
PS 7	Emission Spectra of Hydrogen Atom	C
PS 11	Discharge Tube Experiments Part II	C
PS 13	Effects of Electric Current	C
PS 14	Periodic Table of the Elements	C
PS 15	Periodic Table with s.p.d. & f blocks	C
PS 20	Electro Chemical Cells	C
PS 21	Optical Activity	C
PS 22	Radio Activity-Alpha,Beta,&Gamma Rays	C
PS 23	Structure of Atom	C
PS 24	Nuclear Fission & Fusion	C

CHEMISTRY CHARTS

C 1	Shapes of Atomic Orbitals	C
C 2	Relative Energies of Atomic Orbitals	C
C 3	Shapes of Orbitals and Molecules	C
C 4	Formation of Molecular Orbitals	C
C 5	Molecular Orbitals of Benzene	C
C 6	Conformation of Ethane and Cyclohexane	C
C 7	Optical Isomerism Geometrical Isomerism	C
C 8	Fischer Projection Formulae of various Aldoses from D-Glyceraldehyde	C
C 9	DNA Structure	C
C 10	Alpha helical Structure of a polypeptide	C
C 11	Tertiary & Quarternary Structure of protein	C
C 16	Blast Furnace	C
C 17	Manufacture of Ammonia : Haber's Process	C
C 18	Manufacture of Sulphuric Acid : Chamber process	C
C 19	Extraction of Sodium	C
C 25	Structure and Manufacture of Carbon allotropy (Coal, Graphite & Diamond)	C
C 29	Manufacture of Nitric Acid from Ammonia (Ostwald's process)	C
C 30	Manufacture of Sulphuric Acid : Contact Process	C
C 32	Manufacture of Aluminium by Electrolytic Process : Bayer's and Hoop's process	C
C 33	Metallurgy of Copper	C
C 36	Structure of Silicates	C
C 37	Principle of Molecular orbitals (L.C.A.O)	C
C 38	Structural Isomerism	C
C 39	Hybridisation	C
C 40	Amino Acids : Structure & Classification	C
C 42	Extraction of Iron & Steel	C
C 43	Extraction of Magnesium	C
C 44	Preparation of Ozone	C
C 45	Preparation of Fluorine	C
C 47	Acids-Bases	C
C 48	Preparation of Hydrogen & Oxygen	C

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
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PHYSICS CHARTS

C	51	Distillation	C
C	57	Refining of Petroleum	C
C	62	Purification of Water & Hydrogen Peroxide	C
C	63	Metallurgy : Principles & Processes	C
C	64	Hydro Carbons B	C
C	65	Chemical Bond	C
C	66	Preparation of Chlorine & Bleaching Powder	C
C	70	Chemical Laws	C
C	71	Electronic Configuration of Elements	C
C	72	3D Arrangement of Solids	C
E	31	Manufacture of Penicillin	C
E	32	Manufacture of Polyester	C
E	33	Manufacture of Nylon	C
E	34	Manufacture of DDT	C
E	35	Manufacture of Citric Acid	C
E	36	Manufacture of Portland Cement	C
E	37	Manufacture of Soap B	C
E	38	Fire Extinguisher	C
E	85	Manufacture of Urea	C
E	86	Manufacture of Heavy Water	C
E	87	Hydrogenation of Oils	C
Bi	46	Environmental Pollution	C
Bi	55	Osmosis, Plasmolysis and Diffusion	C
Bi	56	Gluconeogenesis & HMP pathway	C
Bi	57	Municipal Water Treatment	C
Bi	58	Enzymes : Classification & Kinetics	C
Bi	59	Phosphorous Cycle	C
Bi	60	Genetic Code	C
Bi	65	Biogas plant	C
Bi	66	Chromatography	C
Bi	67	Electrophoresis	C
Bi	22	Water Cycle	C
Bi	24	Carbon Cycle	C
Bi	25	Nitrogen Cycle	C
Bi	142	Manufacture of alcohol from molasses	C
Bi	154	Laboratory Safety	C
Bi	155	Forms of D.N.A	C

ENGINEERING CHARTS

MECHANICAL ENGINEERING

BOILERS

E	1	Boilers : Fire Tube	C
E	2	Boilers : Water Tube	C
E	88	Steam Engine	C

REFRIGERATORS

E	11	Refrigerators : Operation	C
E	12	Refrigerators : Principles	C
E	41	Refrigerators : Condensers, Cooling Towers & Compressors	C

ENGINES

E	50	Automobiles : Stroke Engines	C
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ELECTRONICS / ELECTRICAL ENGINEERING

INDUSTRIAL ELECTRONICS

PS	6	Electro-Magnetic Radiation Spectra	C
P	18	Cathode-Ray Oscilloscope	C
P	28	Lasers	C

ELECTRO-MAGNETISM

P	30	Transformers	C
P	31	Dynamos	C

COMMUNICATION SYSTEMS

E	21	Communication Systems : Single Side-Band Modulation	C
E	22	Communication Systems : Amplitude Modulation	C
E	23	Communication Systems : Frequency Modulation	C
P	7	Transistor : Characteristics	C

AMPLIFIERS

P	55	Amplifiers : Single Stage	C
P	56	Amplifiers : Multi Stage	C
P	57	Amplifiers : Feed Back	C

Chart No.	TITLE	Price Code	Chart No.	TITLE	Price Code
SEMI - CONDUCTORS & DETECTORS			REFINING & DISTILLATION		
P 5	Semi-Conductor Fundamentals		C 51	Fractional & Steam Distillation	C
	Characteristics	C	C 57	Refining of Petroleum	C
P 6	Semi-Conductor Fundamentals : Properties	C	E 58	Refining of Alumina	C
P 10	Nuclear Radiation Detectors : Gieger-Muller	B	GENERAL		
P 11	Nuclear Radiation Detectors : Scintillation	C	PS 4	Periodic Classification of Elements : Longform (125 x200 cms)	2C
COMPUTERS & MICROPROCESSORS			C 1	Shapes of Atomic Orbitals	C
P 19	Instruction Set :8085	C	C 38	Structural Isomerism	C
P 47	Functional Block Diagram : 8085	C	C 39	Hybridisation	C
GENERAL			EQUIPMENT / APPARATUS		
P 39	Rectifiers	B	E 38	Fire Extinguisher	C
P 40	Filters	C	E 100	Types of Fire Extinguisher (How to use Fire Extinguisher)	C
P 41	Multivibrators	C	CIVIL ENGINEERING BUILDING CONSTRUCTION		
P 42	Logic Gates	C	Bi 57	Municipal Water Treatment	C
P 43	Oscillators	B	GENERAL		
PS 24	Nuclear Fission & Fusion	C	E 103	Gauges-ii	C
CHEMICAL ENGINEERING			E 133	Joule's Methods	C
METALLURGY					
C 16	Blast Furnace	C			
C 33	Extraction of Copper	C			
C 34	Metallurgy of Nickel	C			
C 42	Extraction of Iron & Steel	C			
C 43	Extraction of Magnesium	C			
MANUFACTURING & SYNTHESIS					
E 33	Manufacture of Nylon	C			
E 36	Manufacture of Portland Cement	C			
E 37	Manufacture of Soap B				
C 50	Manufacture of Sodium Hydroxide Solvay Process	C			
C 61	Extraction of Phosphorus	C			
Bi 57	Municipal Water Treatment	C			
E 87	Hydrogenation of Oils				

TORSO MODELS



XC-204

UNISEX TORSO Parts: 23

Size: 85 cm

This outstanding torso features an exposed spine with removable vertebra and spinal cord segments, a female breast plate and 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).

Made of PVC plastic. Mounted on base.



XC-205/MK-050

TORSO Parts: 23

Size: 50 cm

This unisex torso features the same as XC-204 but the half size, offering an outstanding educational value. 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), Intestine (4 Parts), Male Genitalia (2 Parts), Female Genitalia (3 Parts).

Made of PVC plastic. Mounted on base



XD-143

Model of DNA Structure (Tall 70 cm)

An Articulated Model to show the double helix of DNA structure. Includes 15 base pairs to show one and half helix. All component are identified by different colours. The connections between the base pairs are also clearly shown. Mounted on base.

Size (cm) : 23x22x70

SKELETON MODELS



XD-101

Life Size - Tall 180 cm

HUMAN SKELETON

Life size articulated adult plastic skeleton is ideal for teaching the basics of human anatomy. The arms and legs are removable for study. Features nerve branches. Vertebral artery and herniated lumbar disc. Skull includes removable lower teeth. Mounted on a calvarium, suture lines and 3 removable lower teeth. Mounted on a study 16" wide metal base.

Made of washable and unbreakable PVC plastic.



XC-103

Tall 42 cm

MINI HUMAN SKELETON

This most popular miniature skeleton model offers a unique hands-on learning experience for young scientists, curious kids or medical professionals. Special features include a movable jaw on springs, a skull whose top half opens for a look inside, arms and legs that are removable for individual study. Mounted on stand.

Made of washable and unbreakable PVC plastic.



XC-104

ADULT SKULL LIFE SIZE

A Life size adult PVC plastic skull features a movable jaw, cut calvarium, surface lines and 3 removable lower teeth-incisor, cuspid and molar. Dissectible into 3 parts.

Size: 19x15x21 cms



XD-104C

Life Size

ADULT SKULL LIFE SIZE (Coloured)

Life size skull, bones painted in different colours for precise study. Disassembled into 3 part.



XC-104E

SKULL MODEL WITH 8 PARTS BRAIN

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



XC-119

LUMBAR VERTEBRAE WITH SACRUM & COCCYX AND HERNIATED DISC LIFE SIZE



XC-126

Tall 85 cm

VERTEBRAL COLUMN WITH PELVIS AND FEMUR HEADS

This highly detailed 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. Ideal teaching model for students, patient education of chiropractors, orthopedic surgeons and other medical professionals. Special features include: inflexible 29" tall vertebral column complete with pelvis, sacrum, occipital bone, vertebral artery, all nerve branches and herniated lumbar disc. Deluxe chrome stands.



XC-123

ADULT MALE PELVIS



XC-124

ADULT FEMALE PELVIS

These Models size are just the same as in 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 followings:

	Male	Female
Pelvis shapes	: Longs and narrow	: Short and broad
Pelvis cava	: Like a funnel	: Like a barrel
Aperture pelvis superiors	: 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

HUMAN JOINTS MODELS



XC-109

SHOULDER JOINT LIFE SIZE

An instructional model to illustrate abduction, anteversion, retroversion and internal/external rotation. Includes flexible, artificial ligaments.

Made of PVC plastic. On Stand



XC-110

HIP JOINT LIFE SIZE

Demonstrates anteversion, retroversion, abduction and internal/external rotation. Includes flexible, artificial ligaments.

Made of PVC plastic. On Stand



XC-111

KNEE JOINT LIFE SIZE

Demonstrates flexion, extension and internal/external rotation. Includes flexible, artificial ligaments.

Made of PVC plastic. On Stand



XC-112

ELBOW JOINT LIFE SIZE

Demonstrates flexion, extension and internal/external rotation of the radius. Includes flexible, artificial ligaments.

Made of PVC plastic. On Stand



XC-127

FUNCTIONAL ELBOW JOINT LIFE SIZE

Life size. Shows the shapes and correct origins and insertions of biceps & triceps. Biceps and triceps are made of flexible material, extension and flexion can be shown as well as the antagonist relationship of these two muscles.

On base.



XC-113

FOOT JOINT LIFE SIZE

Demonstrates all of foot functionality and the external anatomical structures.

Made of PVC plastic. On Stand



XC-113A

FOOT JOINT WITH LIGAMENTS LIFE SIZE

Demonstrates all of foot functionality and the external anatomical structures. Including flexible, artificial ligaments.

Made of PVC plastic. On Stand



XC-114A

HAND JOINT WITH LIGAMENTS LIFE SIZE

Demonstrates all of hand functionality and the external anatomical structures. Including flexible, artificial ligaments.

Made of PVC plastic. On Stand



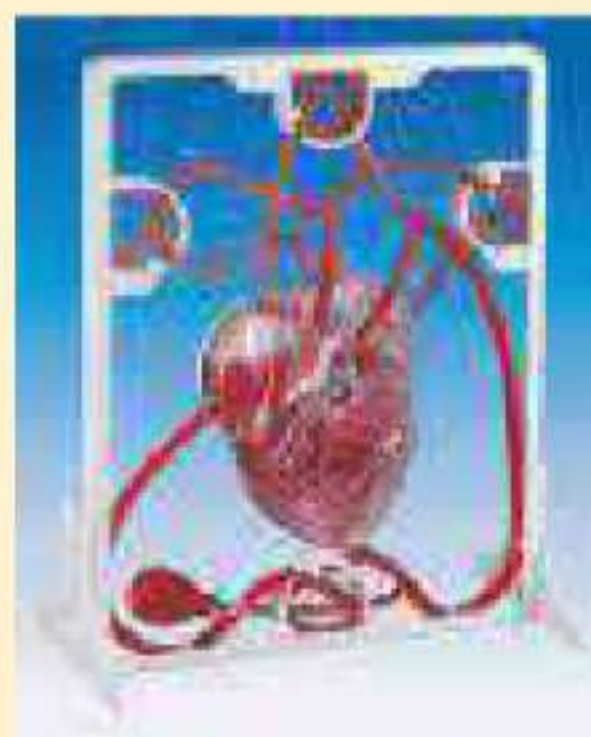
XC-114

HAND JOINT LIFE SIZE

Demonstrates all of Hand functionality and the external anatomical structures.

Made of PVC plastic. On Stand

ANATOMICAL MODELS



MK019

PUMPING HEART

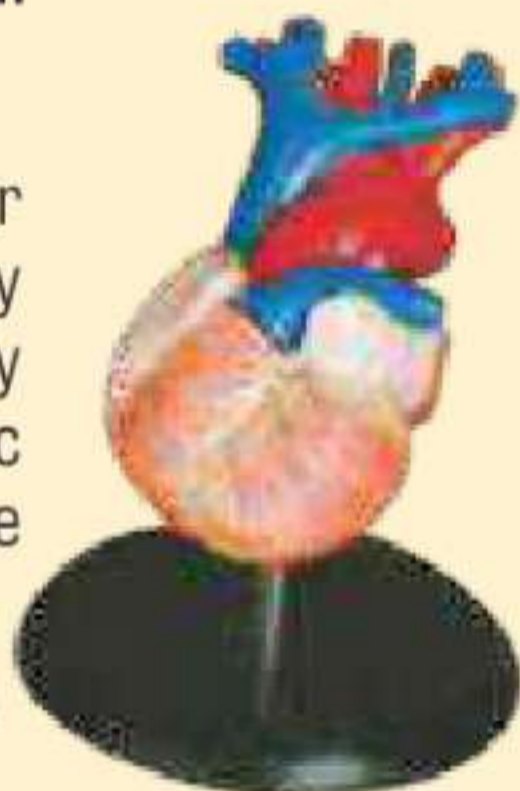
- A 3D working plastic heart model with clear chambers. Squeeze bulb pumps simulated blood through clear heart chambers just like real one.
- Complete heart model scale with display stand.
- Complete instruction manual, easy to assemble.
- Acrylic Paints and brush are included.

XC-307A/PD-002 Size 15x8x9 cm

HEART MODEL LIFE SIZE

This life-size heart model excellent for patient education or elementary science classes. Anatomically accurate and great for learning basic external and internal anatomy of the heart. Dissectible into 2 parts.

Made of PVC and mounted. On stand



XC-307

Size: 25x23x23 cm

JUMBO HEART MODEL

This model helps the students to understand the external features and internal structures of the heart, and its relation with the large blood vessels. Thus a clearer conception of the routes of the systemic and pulmonary circulation can be obtained. Dissectible into 3 parts, 4 times enlarged.

Made of PVC plastic. Mounted on base



XC-320

Size: 36x23x12cm

LARYNX, HEART AND LUNGS MODEL

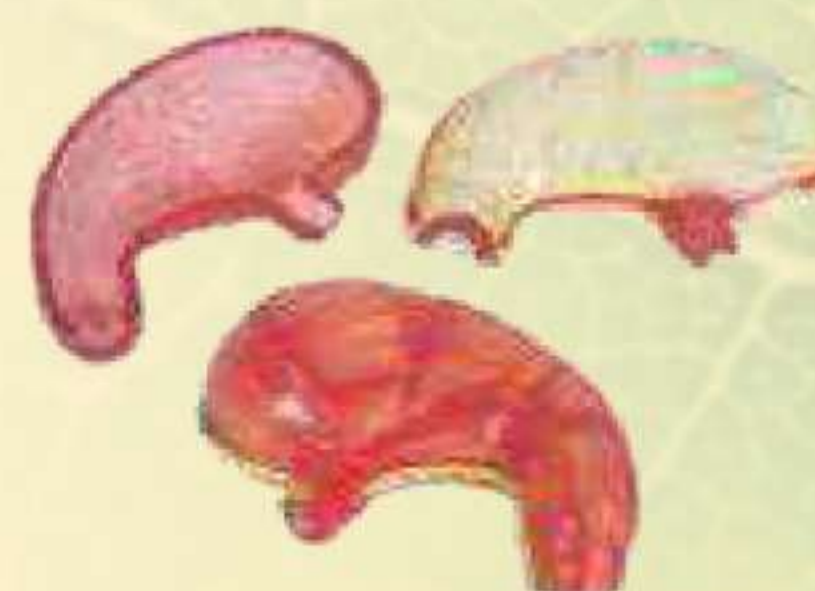
A Life-size model separating into 7 parts. The lungs have two removable lobes to show the internal structures, the heart bisects showing atria, ventricles and valves, the larynx bisects and the diaphragm is shown. On base.



XC-306

STOMACH MODEL

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



ANATOMICAL MODELS



XC-312

LIVER MODEL

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

XC-311

LIVER, PANCREAS AND DUODENUM MODEL

An easy way to study the basic structures of the liver, spleen, blood vessels and pancreas. External structures are illustrated as well as the pancreatic duct of the pancreas. This model also shows the abdominal aorta and inferior vena cava. Life size. Dissectible into 3 parts. Made of PVC Plastic. Mounted on stand



XC-330

MODEL OF THE TRANSPARENT LUNG SEGMENT

This model 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 lungs are made of transparent plastic. The trachea and bronchial tree.

Made of PVC Plastic. Enlarged 2 times

XD-311-1

MODEL OF SPLEEN PANCREAS AND DUODENUM

This natural size model reproduces the pancreas, the spleen and the duodenum. The pancreas is open to show the entire pancreatic duct. This duodenum is partially dissected to expose its nice structure.



Size: 18.5x14x13.5 cm

XC-308

BRAIN WITH ARTERIES

This 8-parts model facilities the medical students to get a correct understanding of the external features of the brain and its arterial supply as a whole, as well as the relations between their component portions. 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.

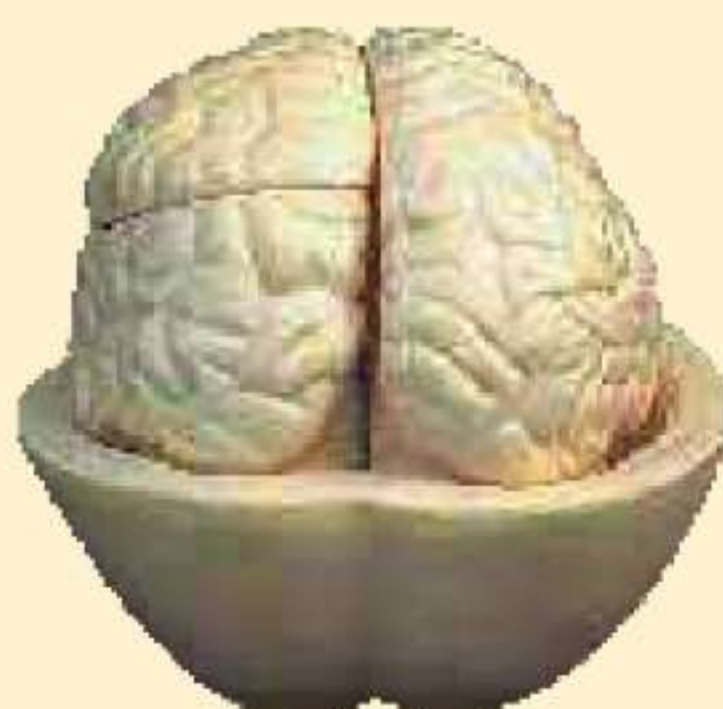
Made of PVC Plastic on base



XD-308-1

HUMAN BRAIN

Brain 3 part on base



XD-308-2

HUMAN BRAIN STEM MODEL

- About 3 times of Life Size.
- The Base segment of the 12 pair or brain nerve are shown in yellow.



ANATOMICAL MODELS

XC-301

MAGNIFIED HUMAN LARYNX MODEL

A functional model that demonstrates movements of the epiglottis and cartilages in the voice box. It helps the students to require an understanding of the morphology and structure of the respiratory tract and phonetic organ. On base. 3 times enlarged. 3 - parts dissectible.



XC-310-3

HUMAN KIDNEY WITH ADRENAL GLAND

The detailed 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 instructions. Life-size. Mounted on stand.



XC-317

EXPANSION MODEL OF URINARY BLADDER

This model shows the male urinary bladder with the prostate gland surrounding the urethral. Dissected medially to expose both internal external structures.

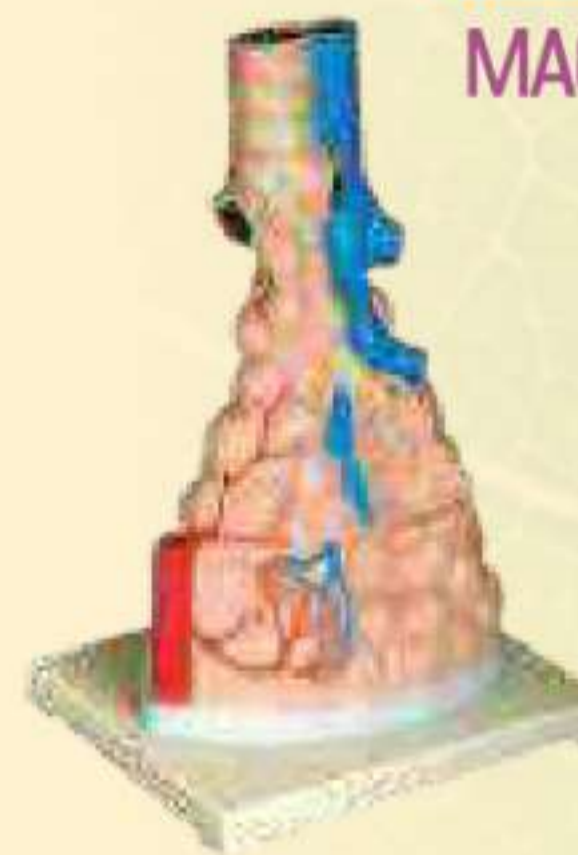
XC-302

MAGNIFIED PULMONARY ALVEOLI MODEL

A 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 septa.

Made of PVC plastic and mounted on base



XC-310-01

KIDNEY MODEL

The coronary section of the right kidney shows the renal hilus, renal blood vessels, ureter, renal pelvis of the kidney the renal substance is demonstrated by its medulla and cortex, medullary pyramid, papillae etc.

Made of PVC plastic, 2 times enlarged. Mounted on stand



Part 1

XC-310-02



Part 2

ANATOMICAL MODELS



XC-316

GIANT EYE MODEL

The different parts of the eyeball model are detachable to show the following structures:

- 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 internal is retina.
- Refraction media: showing the lens and the vitreous body.

The model is made of PVC plastic. Mounted on stand, 6 time enlarged



XC-313

SKIN MODEL ENLARGED

A greatly enlarged (105 times) cross sectional view of the human skin showing three layers and a close-up view of a hair follicle, sweat gland, fatty tissue and more. Front, side and back view.

Made of PVC plastic. Mounted on base

XC-313-2

SKIN BLOCK MODEL ENLARGED



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 times enlarged.



XC-303C

GIANT SIZE EAR MODEL NEW STYLE

A giant model of the ear, shows the three main structural parts of the hearing organ (external ear, middle ear, internal ear) and the position of the equilibrium organ of human body.

External Ear : Showing the shape of the auricle and the primary features of the external auditory meatus.

Middle Ear : Showing the tympanic membrane, the three auditory ossicles (hammer, anvil, stirrup) and the eustachian tube.

Internal Ear : Showing the vestibule, cochlea and the three semicircular canals of the osseous labyrinth.

Made of PVC plastic. Mounted on plastic base. 5 times enlarged. Dissected into 6 parts

XC-309

MODEL OF THE ANATOMICAL NASAL CAVITY

This model helps the students to understand the external and internal structures of the nasal cavity.

External Nose : Show the section of the nasal bones and cartilages.

Nasal Cavity : On the lateral nasal wall show the superior, middle and inferior nasal conchae project medially into the nasal cavity forming the superior, middle and inferior nasal meatuses.

Paranasal Sinuses : Shows the frontal, sphenoid and maxillary sinuses. Magnified 1/2 the natural size.

Made of PVC plastic



Chart

TITLE

Price

ANATOMICAL MODELS



XC-305

EXPANSION MODEL OF HUMAN TEETH

This model shows the morphological differences of the incisor, canine and molar teeth. Dissections of the canine and molar teeth demonstrate the structure of enamel, dental pulp cavity. Enlarged 12 times, 3pcs set.



XD-305-1

HUMAN TEETH

Shows the inner structures of incisor tooth, canine tooth and molar tooth.



TH-002

DENTAL MODEL SMALL

Model with Hinge



XC-332B

HUMAN FEMALE PREGNANT PELVIS SECTION WITH FETUS

Life size: shows medium section of the right half of female pelvis. A 9 month fetus is removable. A 3 month fetus is included for comparison. An excellent model for study of Human Embryo Development.

Made of PVC plastic. On Base



XC-331

MALE UROGENITAL SYSTEM

This is intended for schools and colleges as a visual aid in teaching physiology and hygiene to help the students to understand the external features of the urogenital system and the internal structures of the kidney, urinary bladder, penis and testicle.

Made of soft PVC plastic

XC-332

FEMALE UROGENITAL SYSTEM

This model serves as a teaching model for teaching to teach the female urogenital system in schools and colleges. The model shows kidney, ureters, urinary bladder, uterus, accessories of uterus, vagina, ovary membrane, ligaments, uterus ligament and artery etc.

Made of PVC plastic





OPINIONS OF EMINENT ACADEMICIANS

Late Prof G. Rami Reddy, Ex-Chairman, U.G.C.

Biovisual Teaching Aids are a great asset to the Teacher and are very useful to the Student. This is the type of work we need for Science Education.

Dr. M.S. Swaminathan, Ex-Director, Indian Agricultural Research Institute.

The work being done is of a high scientific value and would help to upgrade the effectiveness of teaching. This is a very important adjunct to the growth of science education in the country.

Prof. M. Appaswamy, Ex-Head, Department of Zoology, Karnataka University.

These charts can be equated with Turtox charts (made in U.S.A.) and are even better. I Strongly recommend that every college should go in for such charts.

Prof : M.N. Reddy, Antarctica Scientist, Geology Department, Osmania University, Hyderabad.

I greatly appreciate the efforts made by Bio Visual Products imparting visual education to the students. The charts prepared by them are extremely attractive and convey the scientific component of the figures which would strongly register in the minds of the students.

Prof. M. Venkateshwara Rao, Ex-Head, Geology Department, Osmania University.

The Geology charts prepared by Bio Visual Products are most useful and needed today to create interest in the minds of students. Hence I congratulate the team in Bio-Visual for carrying out this job.

Prof : C. Mande, Ex-Head, Department of Physics, Nagpur University.

Bio Visual charts have been extremely well prepared and should be of great use in any science laboratory. Such charts have not been available in India.

Prof : G.K. Narayana Reddy, Ex-Head, Department of Chemistry, Bangalore University.

The staff of the University Department of Chemistry as well as the participating teachers of the constituent colleges have been impressed with the charts for their clarity and accuracy. The teachers feel that these charts would be of considerable help as teaching aids.

Prof. Lajapat Rai, Ex-Head, Dept of Mathematics, Osmania University.

I am very much impressed to see Bio Visual Charts. Their scientific approach and artistic talent is really inspiring. Such type of charts are needed today and will be of great aid in teaching.

Prof : Babu Rao, Ex-Head, Technical Teachers Training Institute, Southern Region, Hyderabad.

I greatly appreciate the efforts made by Bio Visual Products in bringing out Engineering charts which are extremely attractive and scientifically accurate. These teaching aids would help in improving the teaching- learning process.

Prof : D.N. Reddy, Ex-Head, Dept of Mechanical Engineering, Osmania University.

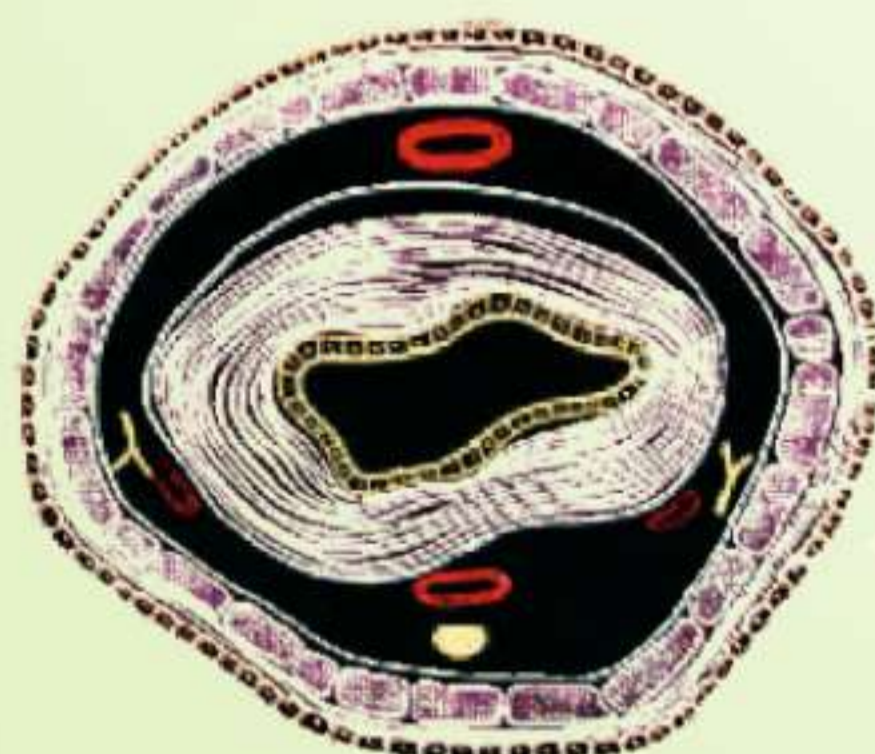
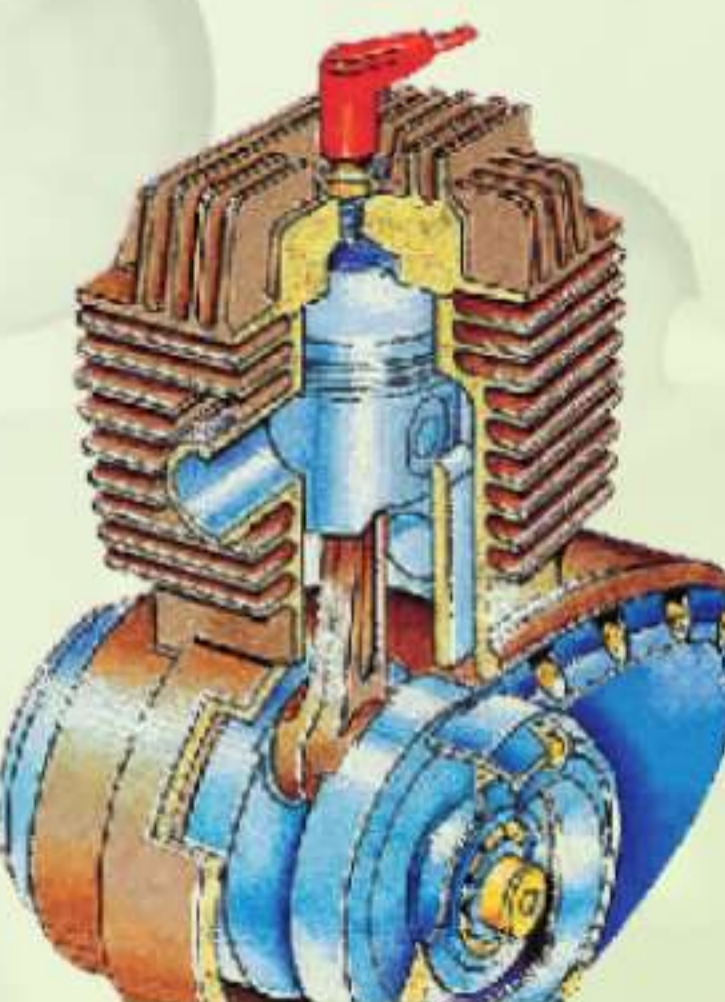
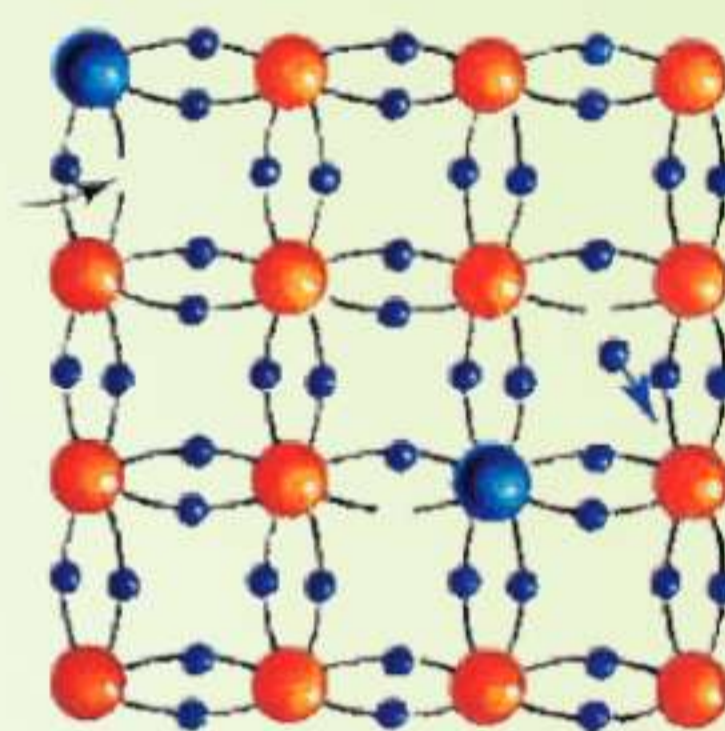
Mechanical Engineering Charts produced by Bio Visual Products are well informative and students will get immense benefit from these charts.

Prof : K. Syama Sundar, Ex-Head, Dept. of Chemistry, J.N.T.U. College of Engineering, Hyderabad.

Bio Visual charts have been extremely well prepared and should be of great use in imparting knowledge to the students.

Prof : V.B.N. Chary, Ex-Head, Department of Electronics, Engineering College, Osmania University.

Visual aids are must for today's teaching and hence good and scientifically accurate charts of Bio Visual group be a must for all colleges.



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