

JAGRUTITM

GENERAL CHARTS

List of JAGRUTI make Multi-Coloured Offset Printed PVC Charts

(Each Chart fitted with two rollers)

SIZE – 24” X 38”

LIST OF CHARTS

- | | | |
|-----|-----------------------|-------------------|
| 1. | HUMAN PHYSIOLOGY | (H. P. - 1 to 10) |
| 2. | BIOLOGY | (BIO. - 1 to 35) |
| 3. | PHYSICS | (PHY. - 1 to 64) |
| 4. | CHEMISTRY | (CHE. - 1 to 44) |
| 5. | HEALTH AND DISEASES | (H. D. - 1 to 14) |
| 6. | NUTRITION | (NUT. - 1 to 8) |
| 7. | ENVIRONMENTAL SCIENCE | (ENV. - 1 to 33) |
| 8. | AGRICULTURE | (AGR. - 1 to 5) |
| 9. | GEOGRAPHY | (GEO. - 1 to 82) |
| 10. | ECONOMICS | (ECO. - 1 to 11) |

HUMAN PHYSIOLOGY

(Size : 24" X 38")

1. The Human skeleton	H. P.-1	6. Human Heart	H. P.-6
2. The muscles	H. P.-2	7. The Nervous system	H. P.-7
3. The Digestive System	H. P.-3	8. The Human Eye	H. P.-8
4. The Respiratory System	H. P.-4	9. The Human Ear	H. P.-9
5. The Blood Circulation	H. P.-5	10. The Excretory System	H. P.-10

BIOLOGY

(Size : 24" X 38")

1. Cell : The Unit of Life	BIO-1	17. The Organization of living things- II Cellular level & Tissue level	BIO-17
2. Structural Organisation of Cell	BIO-2	18. The Organization of living things- III	BIO-18
3. Plant Cell - Animal Cell	BIO-3	19. The Organization of living things- IV The Organ level, the tissue system level, Organ System level	BIO-19
4. Organelles of Cell - I	BIO-4	20. Living Organism	BIO-20
5. Organelles of Cell - II	BIO-5	21. Whittaker's Five Kingdom Classification	BIO-21
6. Organelles of Cell - III	BIO-6	22. Parts of Plants	BIO-22
7. DNA	BIO-7	23. Classification of Plants - I (Primary level)	BIO-23
8. Cell - Concept Map	BIO-8	24. Classification of Plants - II (Kingdom Plantae - I)	BIO-24
9. Characteristics of living things- Unicellular / Multicellular	BIO-9	25. Classification of Plants - III (Kingdom Plantae - II)	BIO-25
10. Characteristics of living things- Responsiveness to stimuli and Respiration	BIO-10	26. Photosynthesis	BIO-26
11. Characteristics of living things- Growth	BIO-11	27. Classification of Animals - (Primary level)	BIO-27
12. Characteristics of living things- Excretion / Death	BIO-12	28. Classification of Animals - (Secondary level)	BIO-28
13. Characteristics of living things- Reproduction	BIO-13	29. Classification of Animals - Subkingdom Metazoa - I	BIO-29
14.. Biological Diversity - I	BIO-14	30. Classification of Animals - Subkingdom Metazoa - II	BIO-30
15. Biological Diversity – II	BIO-15	31. Classification of Animals - Subkingdom Metazoa - III	BIO-31
16. The Organization of living things - I	BIO-16	32. Animal Tissues - I	BIO-32
		33. Animal Tissues - II	BIO-33
		34. Plant Tissues - I	BIO-34
		35. Plant Tissues – II	BIO-35

PHYSICS

(Size : 24" X 38")

1. Motion and Types of Motion	PHY.-1	33. Lenses - III	PHY.-33
2. Force and Motion	PHY.-2	34. Images formed by a Convex Lens	PHY.-34
3. Newton's First Law of Motion	PHY.-3	35. Images formed by a Concave Lens	PHY.-35
4. Newton's Second Law and Third Law of Motion	PHY.-4	36. Sign Convention for Refraction by Lenses	PHY.-36
5. Displacement / Motion /Acceleration	PHY.-5	37. Microscopes	PHY.-37
6. Force	PHY.-6	38. Production of Sound	PHY.-38
7. Types of Forces	PHY.-7	39. Propagation of Sound - I	PHY.-39
8. Newton's law of Gravitation	PHY.-8	40. Propagation of Sound - II	PHY.-40
9. The Pull of the Earth	PHY.-9	41. Production of Sound	PHY.-41
10. Work	PHY.-10	42. Sound	PHY.-42
11. Work and Energy	PHY.-11	43. Characteristics of Sound Waves	PHY.-43
12. Energy	PHY.-12	44. Reflection of Sound	PHY.-44
13. Law of Conservation of Energy	PHY.-13	45. Application of Reflection of Sound	PHY.-45
14. Pressure - I	PHY.-14	46. Magnetism	PHY.-46
15. Pressure - II : Thrust, Pressure in Fluids	PHY.-15	47. Magnetic Field - I	PHY.-47
16. Pressure - III : Liquid Pressure	PHY.-16	48. Magnetic Field - II	PHY.-48
17. Pressure - IV : Pressure exerted by gases	PHY.-17	49. Electromagnetic Induction - I	PHY.-49
18. Light	PHY.-18	50. Electromagnetic Induction - II	PHY.-50
19. Refraction of Light - I	PHY.-19	51. Electric Motor	PHY.-51
20. Refraction of Light - II	PHY.-20	52. Electric Charge	PHY.-52
21. Refraction of Light - III	PHY.-21	53. Electric Current - I	PHY.-53
22. The Laws of Reflection	PHY.-22	54. Electric Current - II	PHY.-54
23. Propagation of Light - I	PHY.-23	55. The Electric Potential and P. D.	PHY.-55
24. Propagation of Light - II	PHY.-24	56. Simple Voltaic Cell	PHY.-56
25. Propagation of Light - III	PHY.-25	57. Electric Circuit - I	PHY.-57
26. Passage of Light through a Prism	PHY.-26	58. Electric Circuit - II	PHY.-58
27. Scattering of Light	PHY.-27	59. Heating Effect of an Electric Current	PHY.-59
28. Mirror	PHY.-28	60. Ohm's Law	PHY.-60
29. Images formed by a Concave Mirror	PHY.-29	61. EMF and Potential Difference	PHY.-61
30. Images formed by a Convex Mirror	PHY.-30	62. World of Matter	PHY.-62
31. Lenses – I	PHY.-31	63. Change of State of Matter	PHY.-63
32. Lenses - II	PHY.-32	64. Understanding Matter	PHY.-64

CHEMISTRY

(Size : 24" X 38")

1. Heat	CHE.-1	22. The Structure of an Atom	CHE.-22
2. Melting and Boiling Point	CHE.-2	23. Rutherford's Atomic Model	CHE.-23
3. Effect of Heat - I	CHE.-3	24. Niel Bohr's Atomic Model	CHE.-24
4. Measurement of Heat	CHE.-4	25. Periodic Classification of Elements	CHE.-25
5. Transmission of Heat - I	CHE.-5	26. Mendeleev's Periodic Table	CHE.-26
6. Transmission of Heat - II	CHE.-6	27. Modern Periodic Table	CHE.-27
7. States of Matter	CHE.-7	28. Acids and Bases	CHE.-28
8. Change of state of Matter	CHE.-8	29. Acids, Bases and their Reactivity	CHE.-29
9. Classification of Matter	CHE.-9	30. Chemical Reactions - I	CHE.-30
10. Elements : Metals, Metalloids and Non Metals	CHE.-10	31. Chemical Reactions - II	CHE.-31
11. Metals and Non Metals : Physical Properties	CHE.-11	32. Chemical Reactions - III	CHE.-32
12. Chemical Properties of Metals - I	CHE.-12	33. Electrolytic Conductors	CHE.-33
13. Chemical Properties of Metals - II	CHE.-13	34. Electrolysis (Electrolytic Cell)	CHE.-34
14. Aluminium - The Element and Extraction	CHE.-14	35. Particle form of Substances - I	CHE.-35
15. Iron - The element and Extraction	CHE.-15	37. Properties of substances	CHE.-36
16. Sulphur - The element and Extraction	CHE.-16	36. Substances and objects	CHE.-37
17. Carbon and Carbon Compounds	CHE.-17	38. Types of changes -I	CHE.-38
18. Allotropes of Carbon	CHE.-18	39. Types of changes -II	CHE.-39
19. Hydrocarbons	CHE.-19	40. Physical Changes - I	CHE.-40
20. Carbon Dioxide	CHE.-20	41. Physical Changes - II	CHE.-41
21. Inside the Atom	CHE.-21	42. Chemical Changes	CHE.-42
		43. Formation of chemical bonds	CHE.-43
		44. Covalent Bond	CHE.-44

HEALTH AND DISEASES

(Size : 24" X 38")

1. Human Health and Hygiene	H. D.-1	8. Dietary Deficiency Diseases	H. D.-8
2. Types of Diseases	H. D.-2	9. Hepatitis	H. D.-9
3. Origin of Diseases	H. D.-3	10. Cancer, Leprosy, Malaria	H. D.-10
4. Germs and Spread of Disease - I	H. D.-4	11. AIDS	H. D.-11
5. Germs and Spread of Disease - II	H. D.-5	12. Chickenpox, Rabies	H. D.-12
6. Bacterial diseases	H. D.-6	13. Tuberculosis, Typhoid, Cholera	H. D.-13
7. Viral diseases	H. D.-7	14. Enteritis, Diarrhoea	H. D.-14

NUTRITION

(Size : 24" X 38")

1. Nutrients in Food	NUT.-1	5. Food and diet -II	NUT. - 5
2. Food and Energy	NUT.-2	6. Digestion of food	NUT. - 6
3. Food Pyramid	NUT.-3	7. Different modes of taking food	NUT. - 7
4. Food and diet -I	NUT.-4	8 Dietary deficiency diseases	NUT. - 8

ENVIRONMENTAL SCIENCE

(Size : 24" X 38")

1. Ecosystem - I	ENV.-1	16. Different forms of Energy	ENV.-16
2. Ecosystem - II	ENV.-2	17. Law of Conservation of Energy	ENV.-17
3. Food Chain	ENV.-3	18. Interchangeability of different forms of energy	ENV.-18
4. Food Web	ENV.-4	19. Air - I : Oxygen	ENV.-19
5. Energy Pyramid	ENV.-5	20. Air - II : Nitrogen, Carbon dioxide, Water vapour, Inert gases	ENV.-20
6. Solid Waste Management	ENV.-6	21. Soil	ENV.-21
7. Common Methods & Stages of Solid Waste Disposal	ENV.-7	22. Soil Erosion	ENV.-22
8. Scientific Methods of Solid Waste Management	ENV.-8	23. Water - A Natural Resource	ENV.-23
9. Energy Recovery From a Waste	ENV.-9	24. Types of Pollution	ENV.-24
10. Degradation and Destruction of Ecosystem - I	ENV.-10	25. Sources of Air Pollution	ENV.-25
11. Degradation and Destruction of Ecosystem - II	ENV.-11	26. Effects of Air Pollution on Human Health	ENV.-26
12. Conventional and Non-conventional Energy Resources	ENV.-12	27. Water Pollution	ENV.-27
13. Energy Resources - Tidal Energy, Geothermal Energy	ENV.-13	28. Sources of Water Pollution	ENV.-28
14. Energy Resources - Solar Energy	ENV.-14	29. Soil and Noise Pollution	ENV.-29
15. Energy Resources - Nuclear Energy, Energy from Biomass	ENV.-15	30. Pollution	ENV.-30
		31. Eco-Friendly Technology	ENV.-31
		32. Achieving Eco-Efficiency	ENV.-32
		33. Striving For Better Environment	ENV.-33

AGRICULTURE

(Size : 24" X 38")

1. Agricultural Practices	AGR.-1	4. Food Wastage	AGR.-4
2. Agricultural Implements and Tools	AGR.-2	5. Food and Protection of Food	AGR.-5
3. Food Quality	AGR.-3		

GEOGRAPHY

(Size : 24" X 38")

1. The Universe - I	GEO.-1	41. North Indian Plains - Western (Punjab & Haryana)	GEO.-41
2. The Universe - II	GEO.-2	42. North Indian Plains : Ganga Plain	GEO.-42
3. Our Solar System	GEO.-3	43. North Indian Plains : Assam Plain	GEO.-43
4. The Sun, The Earth and The Moon - I	GEO.-4	44. Peninsular Plateau Region - Central Highland - I	GEO.-44
5. The Sun, The Earth and The Moon - II	GEO.-5	45. Peninsular Plateau Region - Central Highland - II	GEO.-45
6. The Moon	GEO.-6	46. Peninsular Plateau Region - Deccan - I	GEO.-46
7. Constellations	GEO.-7	47. Peninsular Plateau Region - Deccan - II	GEO.-47
8. Shape of The Earth	GEO.-8	48. The Ghats, Coastal Plains and Islands	GEO.-48
9. Our Earth	GEO.-9	49. India : Climate	GEO.-49
10. Atmospheric Pressure - I	GEO.-10	50. India : Rivers	GEO.-50
11. Atmospheric Pressure - II	GEO.-11	51. India : Marine Wealth	GEO.-51
12. Locating a Place On The Earth	GEO.-12	52. India : Mineral Wealth & Energy Resources - I	GEO.-52
13. Local Time and Standard Time	GEO.-13	53. India : Mineral Wealth & Energy Resources - II	GEO.-53
14. The Atmosphere	GEO.-14	54. India : Population and Life of The People	GEO.-54
15. The biosphere	GEO.-15	55. India : Industries	GEO.-55
16. Hydrosphere	GEO.-16	56. India : Transport, Communication & Trade	GEO.-56
17. Climate- (water cycle)	GEO.-17	57. The Continent of Africa	GEO.-57
18. Ocean Floor / Temperature - Salinity of Ocean Waters	GEO.-18	58. The Continent of North America	GEO.-58
19. Movements of Ocean Water - I	GEO.-19	59. The Continent of South America	GEO.-59
20. Movements of Ocean Water - II	GEO.-20	60. United States of America - I	GEO.-60
21. Interior of The Earth	GEO.-21	61. United States of America - I	GEO.-61
22. Slow Earth Movement	GEO.-22	62. Brazil	GEO.-62
23. Rapid Earth Movement	GEO.-23	63. Egypt	GEO.-63
24. Rocks And Rock Types	GEO.-24	64. Tanzania	GEO.-64
25. Weathering And Soils	GEO.-25	65. South Africa - I	GEO.-65
26. Agents of Erosion - I	GEO.-26	66. South Africa - II	GEO.-66
27. Agents of Erosion - II	GEO.-27	67. The Continent of Antarctica	GEO.-67
28. Agents of Erosion - III	GEO.-28	68. The Continent of Australia	GEO.-68
29. Map Reading	GEO.-29	69. The Continent of Europe - I	GEO.-69
30. Field Visit	GEO.-30	70. The Continent of Europe - II	GEO.-70
31. India : Location and Extent	GEO.-31	71. Germany	GEO.-71
32. India : Physical Divisions - I	GEO.-32	72. Italy	GEO.-72
33. India : Physical Divisions - II	GEO.-33	73. Maharashtra : Natural Resources - I	GEO.-73
34. India : Physical Divisions - III	GEO.-34	74. Maharashtra : Natural Resources - II	GEO.-74
35. North Indian Mountains	GEO.-35	75. Maharashtra : Natural Resources - III	GEO.-75
36. North Indian Mountains : Economic Development - I	GEO.-36	76. Occupation	GEO.-76
37. North Indian Mountains : Economic Development - II	GEO.-37	77. Agriculture - I	GEO.-77
38. North Indian Plains - Desert	GEO.-38	78. Agriculture - II	GEO.-78
39. Rajasthan : Population and Settlement	GEO.-39	79. Agriculture - III	GEO.-79
40. Rajasthan : Economic Development	GEO.-40	80. Maharashtra : Industries	GEO.-80
		81. Transportation, Communication and Tourism - I	GEO.-81
		82. Transportation, Communication and Tourism - II	GEO.-82

ECONOMICS

(Size : 24" X 38")

1. Introduction of Economics	ECO.-1	6. Introduction of Economy	ECO.-6
2. Basic Concepts of Economics	ECO.-2	7. Features of Economy	ECO.-7
3. Sources of Income - I	ECO.-3	8. Basic Problems of Economy	ECO.-8
4. Sources of Income - II	ECO.-4	9. Inflation	ECO.-9
5. Family Budget	ECO.-5	10. Public Distribution System & Consumer Protection	ECO.-10