

# Syllabus: VI Physics

Units	S.No	CONTENTS Class VI Physics	T	L	Tests
		<b>UNIT I: Basic Measurements and Units I.(1-3)</b>			
UNIT I	1	Measurement of Length,Area,Time			
	2	Measurement of Mass and Temperature			
	3	Solving problms			
		<b>UNIT II: Force II.(4-6)</b>			
UNIT II	4	Force and its Effects			
	5	Contact Forces			
	6	Non-Contact Forces			
		<b>UNIT III: Work,Power and Energy III.(7-9)</b>			
UNIT III	7	Work -Formula-Problems			
	8	Power-Formula-Problems			
	9	Energy-Formula-Problems			
		<b>UNIT IV:Magnet IV.(10-11)</b>			
UNIT IV	10	Magnetic and Non-Magnetic materials			
	11	Types			
		<b>UNIT V: Motion V.(12-14)</b>			
UNIT V	12	Speed,Mass,Weight			
	13	Density & Acceleration			
	14	Displacement			

# Syllabus: VI Chemistry

Units	S.No	CONTENTS Class VI Chemistry	T	L	Tests
<b>UNIT I: Basic Chemistry I.(1-2)</b>					
<b>UNIT I</b>	1	Introduction			
	2	Uses of Chemistry and Chemical compounds in our daily life			
<b>UNIT II: Fibre to Fabric II.(3-5)</b>					
<b>UNIT I</b>	3	History of Clothing			
	4	Types of Fibres and Fabrics			
	5	Other Useful Plant Fibres			
<b>UNIT III: Elementry Concept of Matter III.(6-8)</b>					
<b>UNIT III</b>	6	Different States of Matter			
	7	Properties of Different States of Matter			
	8	Change of Matter from One State to Another State			
<b>UNIT IV: Sorting Materials Into Groups IV.(9-11)</b>					
<b>UNIT IV</b>	9	Solids, Liquids and Gases			
	10	Other Criteria for Sorting Materials			
	11	Solubility and Insolubility			
<b>UNIT V: Changes Around Us V.(12-14)</b>					
<b>UNIT V</b>	12	Reversible and Irreversible Changes			
	13	Physical and Chemical Changes			
	14	Cause of Changes			
<b>UNIT VI: Seperation of Substances VI.(15-16)</b>					
<b>UNIT VI</b>	15	Seperation of Solid from Mixture of Solids			
	16	Sedimentation, Decantation and Filtration			
<b>UNIT VII: Air and Water VII.(17-20)</b>					
<b>UNIT VII</b>	17	Presence of Air and its Importance			
	18	Constituents of Air			
	19	Water and Its Importance			
	20	dependence of Life on Water			

# Syllabus: VI Biology

Units	S.No	CONTENTS Class VI Biology	T	L	Tests
		<b>UNIT I: Orgin of Life</b>	<b>I.(1-4)</b>		
<b>UNIT I</b>	1	Chemical and Organic Evolution			
	2	Cocervate			
	3	Viruses			
	4	Bacteria			
		<b>UNIT II: Five Kingdom of Life</b>	<b>II.(5-9)</b>		
<b>UNIT II</b>	5	Kingdom Monera			
	6	Kingdom Protista			
	7	Kingdom Fungi			
	8	Kingdom Plantae			
	9	Kingdom Animalia - Cockroach			
		<b>UNIT III: Plant Morphology</b>	<b>III.(10-14)</b>		
<b>UNIT III</b>	10	Leaf			
	11	Stem			
	12	Root			
	13	Flower			
	14	Seed			
		<b>UNIT IV: Human Physiology</b>	<b>IV.(15-18)</b>		
<b>UNIT IV</b>	15	Digestive System			
	16	Circulatory System			
	17	Structure of Eye			
	18	Structure of Ear			
		<b>UNIT V: Diseases of Man</b>	<b>V.(19-20)</b>		
<b>UNIT V</b>	19	Viruses			
	20	Bacteria			
		<b>UNIT VI: Introduction - Ecology</b>	<b>VI.(21-22)</b>		
<b>UNIT VI</b>	21	Lithosphere			
	22	Hydrosphere			
	23	Atmosphere			
		<b>UNIT VII: Economic Biology</b>	<b>VII.(24)</b>		
<b>VII</b>	24	Introduction			

# Syllabus: VI Mathematics

Units	S.No	CONTENTS Class VI Mathematics	T	L	Tests
		<b>UNIT I: Knowing Numbers</b>	<b>I.(1-4)</b>		
<b>UNIT I</b>	1	Indian and International system			
	2	Comparing Numbers			
	3	Modulus of a Numbers			
	4	Estimating Numbers			
		<b>UNIT II: WholeNumbers</b>	<b>II.(5-6)</b>		
<b>II</b>	5	Whole Numbers on Number Line			
	6	Properties of Whole Numbers			
		<b>UNIT III: Playing With Numbers</b>	<b>III.(7-13)</b>		
<b>UNIT III</b>	7	LCM			
	8	HCF			
	9	Relation between LCM & HCF			
	10	Prime Factorisation			
	11	Factors and Multiples			
	12	Divisibility Rules			
	13	Prime and Composite Numbers			
		<b>UNIT IV: Basic Geometrical Ideas</b>	<b>IV.(14-18)</b>		
<b>UNIT IV</b>	14	Polygons and Their Types			
	15	Curves and Angles			
	16	Circles			
	17	Points, Lines and Line Segment			
	18	Planes, Collinear Points.			
		<b>UNIT V: Understanding Elementary Shapes</b>	<b>V.(19-22)</b>		
<b>UNIT V</b>	19	Classification of Triangles			
	20	Classification of Quadrilateral			
	21	Angles and Their Types			
		<b>UNIT VI: Integers</b>	<b>VI.(22-24)</b>		
<b>UNIT VI</b>	22	Introduction to Integers			
	23	Operations on Integers			
	24	Understanding Integers			
		<b>UNIT VII: Fractions</b>	<b>VII.(25-27)</b>		
<b>UNIT VII</b>	25	Fractions and Their Classification			
	26	Addition of Fractions			
	27	Equivalent Fractions			

<b>UNIT VIII: Decimals</b>		<b>VIII.(28-30)</b>				
<b>UNIT VIII</b>	28	Decimals and Fractions				
	29	Addition and Subtraction				
	30	Comparing Decimal Numbers				
<b>UNIT X: Mensuration</b>		<b>X.(31-32)</b>				
<b>X</b>	31	Area of Plane Figures				
	32	Perimeter of Plane Figures				
<b>UNIT XI: Algebra</b>		<b>XI.(33-35)</b>				
<b>UNIT XI</b>	33	Variables and Their Uses				
	34	Algebraic Equation				
	35	Writing Algebraic Expression				