



CATJEE

Better Education Through Research

SYLLABUS

CLASS - VIII

FOR (Schooling & COACHING) CLASS-VIII STUDENTS

SUBJECT	CHAPTERS	
Physics	1. Force and Laws of Motion 2. Pressure 3. Friction	
Chemistry	1. Synthetic Fibres and Plastics 2. Metals & Non-Metals	
Mathematics	1. Rational Numbers 2. Exponents and Powers 3. Linear Equation in One Variable 4. Square & Square Roots 5. Cube & Cube Roots 6. Algebraic Expressions	
Biology	1. Crop Production and Management 2. Microorganisms: Friend & Foe	
English	(for Coaching students only)	Unseen Passage , Message Writing, Tenses, Active & Passive Voice
English	(for Schooling students only)	1. Harry Potter Learns Quidditch 2. The Palanquin Bearers 3. Ranji's Wonderful Bat 4. Set Our Children Free 5. After Twenty Years Unseen passage, Formal letter, Sentences, Nouns & Pronouns



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CLASS - IX

FOR ALL (Schooling & COACHING) CLASS- IX STUDENTS

SUBJECT	CHAPTERS	
Physics	Motion in Straight Line	
Chemistry	1. Matter in Our Surroundings 2. Is Matter Around us pure (till elements & compounds)	
Mathematics	1. Number System 2. Polynomials 3. Euclid's Geometry 4. Linear Equations in Two Variables 5. Lines and Angles 6. Heron's Formula	
Biology	1. Cell : Fundamental Unit of Life 2. Tissues	
English	(Communicative)	1. Unseen Passage 2. Integrated Exercises 3. Story Writing 4. a. How I Taught My Grandmother To Read b. A Dog Named Duke c. The Brook d. The Road Not Taken e. The Solitary Reaper f. Villa for sale

SYLLABUS

CLASS - X

FOR ALL (Schooling & COACHING) CLASS- X STUDENTS

SUBJECT	CHAPTERS	
Physics	Electricity	
Chemistry	1. Chemical Reactions and Equations 2. Acids Bases & Salts	
Mathematics	1. Introduction to Trigonometry and Trigonometric Identities 2. Real Numbers 3. Polynomials 4. Linear Equations in Two Variables 5. Quadratic Equations 6. Arithmetic Progression	
Biology	1. Life Processes (Complete)	
English	(Communicative)	1. Unseen Passage 2. Integrated Exercises 3. Story writing 4. a. Two Gentlemen of Verona b. Mrs. Packeltide's Tiger c. The Frog and The Nightingale d. The Letter e. Mirror f. The Dear Departed