



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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SYLLABUS

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 |