



EKLAVYA SCHOOL, JALANDHAR
Half Yearly Syllabus 2017

Class 12 Science

| SUBJECT | SYLLABUS |
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| ENGLISH | <p>Reading Comprehension : Factual Passages, Descriptive Passages, Literary Passages Advance Writing Skills-Letter To The Editor, Business Letters, Advertisement, Notice, Debate, Article, Poster, Application For Job, Formal And Informal Invitations Literature & Long Reading Text Flamingo + Value Based -: Ch1 The Last Lesson, Ch2 Lost Spring, Ch3 Deep Water, Ch4 The Rattrap, Ch5 Indigo, , Ch8 Going Places Poetry:- Ch1 My Mother At Sixty-Six, ch2 An Elementary School Classroom In A Slum, Ch3 Keeping Quiet, Ch4 A Thing Of Beauty, Ch6 Aunt Jennifer’s Tigers Vistas :- Ch 1 Third Level, Ch2 The Tiger King, Ch3 The Enemy, Ch5 Should Wizard Hit Mommy?, Ch6 On The Face Of It, Ch7 Evan Tries An O-Level Ch8 Memories of Childhood Long Reading Novel - The Invisible Man by H.G. Wells</p> |
| MATH | Ch1 Relations and Functions, Ch2 Inverse Trigonometric Functions, Ch3 Matrices, Ch4 Determinants, Ch5 Continuity and Differentiability, Ch6 Applications of Derivatives, Ch7 Integrals, Ch8 Applications of integrals |
| PHYSICS | Ch1-Electric Charges and Fields, Ch2-Electrostatic Potential and Capacitance, Ch3-Current Electricity, Ch4-Moving Charges and Magnetism, Ch5-Magnetic Properties of Matter, Ch6-Electromagnetic Induction Ch9-Ray Optics, Ch11-Dual Nature of Matter and Radiation, Ch12-Atoms, Ch13-Nuclei |
| CHEMISTRY | Ch1 The Solid State, Ch2 Solutions,Ch3 Electrochemistry, Ch4 Chemical Kinetics, Ch5 Surface Chemistry, Ch7 The p-Block Elements, Ch8 The d- and f- Block Elements,Ch9 The Coordination Chemistry, Ch10 Haloalkanes and Haloarenes, Ch11 Alcohols, Phenols and Ethers, Ch15 Polymers,Ch16 Chemistry in Everyday Life |
| BIOLOGY | Ch- 1 Reproduction In Organism, Ch-2 Sexual Reproduction, Ch- 3 Human Reproduction, Ch-4 Reproduction Health, Ch-5 Principles Of Inheritance & Variation, Ch-13 Organism And Population,Ch-14 Ecosystem, Ch-15 Biodiversity And Conservation, Ch-16 Environmental Issues |
| PHYSICAL EDUCATION | Ch1 Planning In Sports, Ch2 Sports And Nutrition, Ch3 Sports And Nutrition, Ch4 Physical Education And Sports For Differently Abled, Ch5 Children And Sports, Ch6 Women And Sports, Ch7 Test And Measurement In Sports, Ch8 Physiology And Sports, Ch9 Sports Medicine, Ch10 Biomechanics And Sports, Ch11 Psychology And Sports, Ch12 Training In Sports. |
| COMPUTER | Ch1 Principles of OOP, Ch2 Beginning with C++, Ch3 Tokens, Expressions and Console Structures,Ch4 Functions in C++, Ch5 Classes and Objects Ch6 Constructors and Destructors, Ch7 Operator overloading and Type conversion Ch8 Inheritance Extending Classes, Ch-9 Pointer, Virtual Function and Polymorphism Ch14 Communication and Network Concepts |