



## YES SYLLABUS – CLASS XII

<b>SCIENCE-MATHS</b>	Mathematics, Physics, Chemistry
<b>SCIENCE-BIOLOGY</b>	Botany, Zoology, Physics, Chemistry

<b>Botany</b>	Plant Anatomy, Plant Physiology-II (Photosynthesis), Plant Physiology-II (Respiration), Plant Physiology-II (Plant Growth & Development), Plant Physiology-I (Transport in plants), Plant Physiology-I (Mineral Nutrition), Reproduction in Flowering plants, Genetics, Application Biology (Plant Breeding), Ecology
<b>Zoology</b>	Excretory Products & their Elimination, Locomotion & Movement, Neural Control and Coordination, Chemical Coordination & Integration, Structural Organisation in Animals (a) Animal Tissues (b) Animal Morphology, Reproduction in Organisms & Human Reproduction, Human Reproduction, Reproductive Health, Evolution, Human Health and Disease
<b>Physics</b>	Kinematics, Newton's Laws of Motion, Friction, Work, Power, Energy, Circular Motion, Centre of Mass, Rigid body dynamics, Simple harmonic motion, Fluid mechanics, Properties of matter, String wave, Sound wave, String Waves, Sound Waves, Fluid Mechanics, Elasticity and Viscosity
<b>Chemistry</b>	Solid State, Coordination Compounds, Solution, Electrochemistry, Gaseous State, Chemical & Ionic Equilibrium, Redox Reactions & Equivalent Concept, S Block, P Block (Boron & Carbon family), Qualitative Analysis (Only anion), General Organic Chemistry-II, Physical Properties & POC-II
<b>Mathematics</b>	Fundamentals of Mathematics-I, Sets, Quadratic Equation, Trigonometry, Sequence & Series, Binomial Theorem, Permutation & Combination, Straight Line, Statistics, Mathematical Induction, Solution of Triangle, Real Numbers, Polynomials, Lines & Angles, Probability, Arithmetic Progressions, Geometric Progressions, Circles, Surface Area & Volume
<b>English</b>	Parts of Speech, Error Detection, Fill in the blanks (Article, Preposition, Conjunction), Synonym & Antonyms, Unseen Passage, Determiners, Modals, Subject-verb agreement, Tense, Jumbled words, Homonyms, One word substitution, Idioms and phrases, Comprehension, Paragraph & Story writing, Letter & Notice Writing, Narration, Voice, Types of Sentences, Jumbled sentences, Sequence of sentences, Clause Analysis, Question Tags, Sentence and Phrase Improvement, Sentence Completion, Word Association, Para-jumbles, Judging Completeness of Process
<b>Commerce</b>	Basis of Accounting, Rules of Accounting, Preparation of Ledger, Trial Balance, Bank Reconciliation Statements, Depreciation, Rectification of Errors, Financial Statements of Sole proprietorship with Adjustment Entries, Partnership Accounts, Company Accounts.