

MODULES FOR THE INTENSIVE ENTRANCE PROGRAMME PLUS TWO - 2020

MODULE	PHYSICS	CHEMISTRY	MATHS	BIOLOGY
Module 1	Physical World & Units Measurements, Work, Energy & Power	Basic Concepts, States of Matter	Sets, Relations & Functions	Biological Classification, Plant Kingdom
Module 2	Motion in a Straight Line, Gravitation	Atomic Structure , Chemical Bonding & Molecular Structure,Periodic Classification	Linear Inequality & Quadratic Equations	Living World, Animal Kingdom
Module 3	Motion in a Plane	Solid State , Solutions	Complex Numbers, Probability	Morphology of Flowering Plants
Module 4	Laws of Motion	Chemical & Ionic Equilibrium	Sequences & Series	Anatomy of Flowering Plants
Module 5	System of Particles and Rotational Motion	Chemical Thermodynamics	Permutations and Combinations, Binomial Theorem	Structural Organisation in Animals
Module 6	Mechanical Properties of Solids & Fluids	Chemical Kinetics & Surface Chemistry	Trigonometry, Inverse Trigonometry	Cell Structure & Cell Division
Module 7	Heat & Thermodynamics & Kinetic Theory	Redox Reactions & Electro Chemistry, Hydrogen & Its Compounds	Mathematical Reasoning & Logarithms, Statistics	Biomolecules, Digestion & absorption, Respiration
Module 8	Oscillations & Waves	S' Block Elements, P' Block Elements	Straight Lines & Circles	Movement & Locomotion, Neural Control & co ordination
Module 9	Electric Charges, Electric Potential & Capacitance	Co-ordination Compounds & Organo Metallics , d & f Block Elements, Metallurgy	Conics	Chemical Co ordination, Excretion, Body Fluids & Circulation
Module 10	Current Electricity	Naming & isomerism, Purification & Characterisation	Matrices & Determinants , Limits, Continuity	Transport in Plants, Plant Growth & Development
Module 11	Moving Charges & Magnetism & Magnetism & Matter	Reaction Mechanism & Hydrocarbons	Applications of Derivatives, Differentiation	Photosynthesis
Module 12	Ray optics & Optical Instruments	Halo Alkanes & Halo Arenes	Indefinite & Definite integrals	Respiration in Plants ,Mineral nutrition
Module 13	Wave Optics , Modern physics	Alcohols, Phenols & Ethers	Area & Differential equation	Reproduction in Organism & Plant Reproduction
Module 14	Electromagnetic Induction & Alternating Current	Aldehydes, Ketones, Carboxylic Acids	Vectors	Reproduction in Animals & Reproductive Health
Module 15	E M waves, Semi Conductor Electronics & Communication system (Engg)	Amines & Biomolecules, Polymers, Chemistry in Everyday Life, Environmental Chemistry	3D	Genetics & Molecular Biology
Module 16				Evolution , Human Health, Biodiversity
Module 17				Microbiology & Strategies for Food Production & Ecosystem & Environmental Issues
Module 18				Biotechnology I & II & Organism & Population,