

MAJOR TEST SERIES FOR LEADER AND ACHIEVER

TEST DATE	SYLLABUS		TEST DATE	SYLLABUS
20.02.2020	SYLLABUS-1		05.04.2020	FULL SYLLABUS
24.02.2020	SYLLABUS-2		09.04.2020	FULL SYLLABUS
28.02.2020	SYLLABUS-3		13.04.2020	FULL SYLLABUS
03.03.2020	SYLLABUS-4		17.04.2020	FULL SYLLABUS
07.03.2020	SYLLABUS-5		21.04.2020	FULL SYLLABUS
11.03.2020	SYLLABUS-6		25.04.2020	FULL SYLLABUS
15.03.2020	SYLLABUS-1 + SYLLABUS-2		29.04.2020	FULL SYLLABUS
19.03.2020	SYLLABUS-3 + SYLLABUS-4			
23.03.2020	SYLLABUS-5 + SYLLABUS-6			
26.03.2020	SYLLABUS-1 + SYLLABUS-2 + SYLLABUS-3			
31.03.2020	SYLLABUS-4 + SYLLABUS-5 + SYLLABUS-6			

PHYSICS	CHEMISTRY	BIOLOGY
SYLLABUS 1 Basic Mathematics used in physics & Vectors, Units, Dimensions and Measurements, Kinematics, Laws of Motion and Friction.	Some basic concepts of Chemistry, Atomic Structure, Chemical Equilibrium, Ionic Equilibrium, Thermodynamics & Chemical Energetics, Redox reactions, Behaviour of Gases	Diversity in the Living World : (i) The living world(ii) Biological Classification (iii) Plant Kingdom Structural Organisation in Plants : (i) Morphology of Flowering plants (ii) Anatomy of Flowering Plants
SYLLABUS 2 Work, Energy & Power, Circular Motion, Collisions and Centre of Mass, Rotational Motion, Gravitation, Properties of matter and Fluid Mechanics.	Periodic Table Chemical Bonding s-Block Elements Hydrogen & It's Compounds	Structure and Functions : (i) Cell : The Unit of Life (ii) Biomolecules(iii) Cell cycle and Cell Division Plant Physiology : (i) Transport in Plants (ii) Mineral Nutrition(iii) Photosynthesis in Higher Plants (iv) Respiration in Plants (v) Plant Growth and Development, Enzyme
SYLLABUS 3 Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Oscillations (SHM, Damped and Forced Oscillations & Resonance), Wave Motion and Doppler's Effect.	Classification & Nomenclature, Isomerism, Reaction Mechanism-I, Reaction Mechanism-II, Hydrocarbons, Environmental Chemistry and Qualitative and Quantitative Analysis of Organic Compounds,	Human Physiology : (i) Digestion and Absorption (ii) Breathing and Exchange of Gases (iii) Body Fluids and circulation (iv) Excretory Products and their Elimination (v) Locomotion and Movement (vi) Neural Control and Coordination, Eye & Ear (vii) Chemical Coordination and Integration (viii) Animal Kingdom, Cockroach, Earthworm, Frog (ix) Structural Organisation in Animal (Animal tissue)
SYLLABUS 4 Electrostatics, Capacitor, Current electricity and Heating Effects of Current .	Solid State Chemical kinetics Solutions Electrochemistry Surface chemistry	Reproduction : (i) Reproduction in Organisms (ii) Sexual Reproduction in Flowering Plants (iii) Human Reproduction (iv) Reproductive Health (v) Evolution
SYLLABUS 5 Magnetic effect of current and Magnetism, Electromagnetic Induction, Alternating current, EM Waves.	P-block elements (group 13 to 18) d & f-block elements Coordination Compounds Metallurgy	Genetics and Evolution : (i) Principles of inheritance and Variation Biology in Human Welfare : (i) Microbes in Human Welfare Biotechnology : (i) Biotechnology : Principles and Processes (ii) Biotechnology and its Applications (iii) DOP
SYLLABUS 6 Ray optics and optical Instruments, Wave optics, Modern Physics, Semiconductor and Digital Electronics.	Halogen derivatives, Oxygen containing organic compounds, Nitrogen containing organic compounds, Biomolecules, polymers and chemistry in everyday life	Biology in Human Welfare : (i) Human Health and Disease (ii) DOA Ecology : (i) Organisms and Populations (ii) Ecosystem (iii) Biodiversity and Conservation (iv) Environmental Issues