

Academic Session : 2019-2020

Test Name	Test Date	Mathematics	Physics	Physical Chemistry	Organic Chemistry	Inorganic Chemistry
Part Test - 1	25-08-2019	Logarithm, Compound angles Function, inverse trigonometric function Limit continuity & derivability	Kinematics Newtons laws of motion Friction, Work power energy Electrostatics Gravitation	Mole Concept (Excluding redox) Atomic Structure	IUPAC Isomerism GOC (General organic chem)	Periodic properties chemical bonding
Part Test - 2	08-09-2019	Quadratic Equation Sequence & progression Method of differentiation Indefinite integration definite integration	Circular motion Centre of mass Collision Rotational mechanics Current Electricity Capacitors	Thermodynamics Solid State Thermochemistry	Hydrocarbons (Alkane, Alkene, Alkynes) Halogen derivatives Alcohol & Ethers	Boron & Carbon Family Coordination compound
Part Test - 3	29-09-2019	Trigonometric equation & inequations, Solution of triangle, Application of derivative, Differential equation, Area under the curve	Mechanical Properties of Matter Fluid Mechanics Simple Harmonic Motion Magnetic effect of current & Magnetism Electromagnetic Induction(EMI) AC	Ionic Equilibrium Chemical Equilibrium Liquid Solution	Named Reaction Organic Compound containing oxygen	Hydrogen s-block p-block
Part Test - 4	13-10-2019	Straight line Circle, Determinant Matrices Vector & 3D Mathematical Reasoning Sets, Relation, Statistics, Height & distance	Mechanical waves Ray optics & Optical Instruments Wave Optics (nature of light, Interference, Diffraction & polarisation)	Electrochemistry Redox & equivalent concept	Organic Compound containing nitrogen Aromatic Reactions	D & F-block Metallurgy
Part Test - 5	30-10-2019	Permutation & combination Binomial Probability conic Section Complex Number	Thermodynamics & KTG Heat Transfer Thermal Expansion EM Waves Modern Physics Error & Measurement Electronics & communication	Surface Chemistry Nuclear Chemistry Chemical Kinetics	Biomolecules Polymers chemistry in every day life Practical Organic Chemistry	Qualitative (Salt) analysis Environmental Chemistry Chemical Bonding