

MHTCET PART TEST PLAN

Test No.	Test Type	Subject	Topics Covered
1	PT-1	Physics	Rotational Dynamics, Mechanical Properties of Fluids, Kinetic Theory of Gases and Radiation, Thermodynamics
		Chemistry	Solid State, Solutions, Ionic Equilibria, Chemical Thermodynamics,
		MATHS	Mathematical Logic , Matrices, Pair of Straight Lines, Trigonometric Functions,
2	PT-2	Physics	Oscillations, Superposition of Waves, Wave Optics, Electrostatics
		Chemistry	Electrochemistry, Chemical Kinetics, Elements of Groups 16, 17 and 18, Transition and Inner transition Elements
		MATHS	Vectors, Line & Plane, Linear Programming
3	PT-3	Physics	Current Electricity , Magnetic Fields due to Electric Current , Magnetic Materials , Electromagnetic induction
		Chemistry	Coordination Compounds, Halogen Derivatives, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic acids
		MATHS	Applications of Derivatives , , Differentiation, Integration
4	PT-4	Physics	AC Circuits , Dual Nature of Radiation and Matter , Structure of Atoms and Nuclei , Semiconductor Devices
		Chemistry	3 Amines, Biomolecules, Introduction to Polymer Chemistry, Green Chemistry and Nanochemistry
		MATHS	Definite Integration, Applications of Definite Integral, Differential Equation, Probability Distribution, Binomial Distribution
5	PT-5	Physics	Motion in a plane, Laws of Motion, Gravitation, Thermal properties of matter
		Chemistry	Some Basic concepts of chemistry, Structure of atom, Chemical Bonding, Redox reactions, Elements of group 1 and 2
		MATHS	Trigonometry II, Straight Line, Circle, Measures of Dispersion, Complex Numbers,
6	PT-6	Physics	Sound, Optics, Electrostatics, Semiconductors
		Chemistry	States of Matter(Gaseous and Liquids), Surface Chemistry, Hydrocarbons, Basic principles of organic chemistry
		MATHS	Probability, Permutations and Combinations, Functions, Limits, Continuity