

BITSAT 2025 Syllabus

Name of the subject	Physics Topics
Physics	Wave Motion
	Magnetic effect of current and magnetism
	Heat & Thermodynamics
	Electrostatics
	Current Electricity
	Simple Harmonic Motion
	Rotational Motion
	Work, Energy, Power
	Wave Optics
	Fluids
	Units, Dimension, Errors
	Gravitation
	Elasticity
	Ray Optics
	Alternating Current
Chemistry	Atomic Structure
	Biomolecules
	Chemical Bonding
	Carboxylic Acid & its derivates
	Alkanes, Alkenes & Alkynes
	Electrochemistry
	p-block elements
	Mole Concepts
	Solid State
	Chemical Equilibrium
	Chemical Thermodynamics
	General Organic Chemistry
	s-block elements
	Ionic Equilibrium

	Chemical Kinetics
Mathematics	Vectors
	Straight lines
	Circles
	Pair of straight lines
	Complex Numbers
	Continuity & Differentiability
	Differential Equation
	Sets, Relations & Functions
	Theory of Equations
	Binomial Theorem
	Probability
	Trigonometric Equations
	Properties of Triangles
	Application of Derivatives
	Matrices Determinants
English	Synonyms & Antonyms
	Rules of Conjunctions
	Modals
	Prepositions
	Tenses
	Rearrangement of Jumbled Words
	Sentence Completion
	One Word Substitution
Logical Reasoning	Figure Matrix
	Figure Formation & Analysis
	Detection of the Rule
	Paper Folding & Cutting
	Logical Deduction
	Figure Completion Test
	Series Test Numerical & Alphabetical
	Analogy Test

