Chapter Test Details for Physics, Chemistry & Mathematics - BITSAT 2024 Test Series			
S No	**Chapters in Physics**	**Chapters in Chemistry**	**Chapters in Math**
1	Mathematics in Physics	Some Basic Concepts of Chemistry	Basic of Mathematics
2	Units and Dimensions	Structure of Atom	Quadratic Equation
3	Motion In One Dimension	Classification of Elements and Periodicity in Properties	Complex Number
4	Motion In Two Dimensions	Chemical Bonding and Molecular Structure	Permutation Combination
5	Laws of Motion	States of Matter	Sequences and Series
6	Work Power Energy	Thermodynamics (C)	Binomial Theorem
7	Center of Mass Momentum and Collision	Chemical Equilibrium	Trigonometry and Heights & Distances
8	Rotational Motion	Ionic Equilibrium	Straight Lines
9	Gravitation	Redox Reactions	Circle
10	Mechanical Properties of Solids	Hydrogen	Parabola
11	Mechanical Properties of Fluids	s Block Elements	Ellipse
12	Thermal Properties of Matter	p Block Elements (Group 13 & 14)	Hyperbola
13	Thermodynamics	General Organic Chemistry	Limits
14	Kinetic Theory of Gases	Hydrocarbons	Mathematical Reasoning
15	Oscillations	Solid State	Statistics
16	Waves and Sound	Solutions	Sets and Relations
17	Electrostatics	Electrochemistry	Matrices and Determinants
18	Capacitance	Chemical Kinetics	Inverse Trigonometric Functions
19	Current Electricity	Surface Chemistry	Functions
20	Magnetic Properties of Matter	General Principles and Processes of Isolation of Metals	Continuity and Differentiability
21	Magnetic Effects of Current	p Block Elements (Group 15, 16, 17 & 18)	Differentiation
22	Electromagnetic Induction	d and f Block Elements	Application of Derivatives
23	Alternating Current	Coordination Compounds	Indefinite Integration
24	Electromagnetic Waves	Haloalkanes and Haloarenes	Definite Integration
25	Ray Optics	Alcohols Phenols and Ethers	Area Under Curves
26	Wave Optics	Aldehydes and Ketones	Differential Equations
27	Dual Nature of Matter	Carboxylic Acid Derivatives	Vector Algebra
28	Atomic Physics	Amines	Three Dimensional Geometry
29	Nuclear Physics	Biomolecules	Probability
30	Semiconductors	Polymers	Linear Programming
31	Communication System	Chemistry in Everyday Life	
Each Chapter to have 2 Chapter Tests, comprising of 20 questions per test			