

# MOTION<sup>®</sup> TALENT SEARCH EXAMINATION

## Class 9th Syllabus

PHYSICS
Force and Pressure
Friction
Our Universe
Natural Phenomenon
Light
Human Eye
Sound

CHEMISTRY
Synthetic Fibre and Plastics
Metal and Non-metal
Coal and Petroleum
Combustion and Flame
Chemical Effects of Current

BIOLOGY
Cell
Microorganisms
Reproduction
Reaching the age of adolescence
Crop production
Conservation of biodiversity
Pollution

MATHS
Rational Numbers
Square and Square Roots
Cubes and Cube Roots
Direct and Inverse Proportion/Variation
Profit, Loss and Discount
Algebraic Identities
Parallel Lines
Graphs
Statistics
Probability
Exponents and Redicals
Compound Interest
Polynomials
Linear Equations in One Variable
Properties of Quadrilateral
Construction of Quadrilateral
Mensuration
Rotational Symmetry

MENTAL ABILITY
Number Series
Alphabet Series
Missing Term in Figure
Mathematical Operations
Alphabet Test
Coding-Decoding
Direction Sense Test
Seating Arrangement
Ranking & Ordering Test
Blood Relation Test
Puzzle Test
Venn Diagrams
Analogy
Classification
Dice Test
Non-Verbal Series
Non-Verbal Classification
Pyramid Test