

# MOTION® TALENT SEARCH EXAMINATION

## Class 12th Syllabus

<b>Biology</b>
Diversity in the living World
Biological Classification
Plant Kingdom
Animal Kingdom
Structural Organisation in Animals
Biomolecules
Cell :The unit of the life
Cell :Cycle and Cell-Division
Morphology of Flowering Plants
Anatomy of flowering Plants
Transport in Plant
Mineral nutrition
Photosynthesis in Higher Plants
Respiration in Plants
Plant Growth and Development
Digestion and Absorption
Breathing and Exchange of Gases
Body Fluids and Circulation
Excretory Products and Their Elimination
Locomotion and Movement
Neural Central and Coordination
Chemical Coordination and integration

<b>Physics</b>
Unit and Dimension
Vector and Calculus
Kinematics
Errors
Constrained, NLM, Friction
Circular, WPE
Centre of Mass
Rotational
Gravitation
SHM
Waves
Sound Wave
Heat - 1
Heat - 2
Elasticity & Thermal Exp.
Fluid
Surface Tension & Viscosity

<b>Maths</b>
Log
Quadratic
S & P
Trigo Ratio
Trigo Equation
Solutions of Triangle
Complex no.
St. Line
circle
P & C
Binomial Theorem
Parabola
Ellipse
Hyperbola

<b>Chemistry</b>
Atomic Structure
Stoichiometry - 1
Stoichiometry - II
Gaseous State (SG Sir)
Nomenclature
GOC
Isomerism
Chemical Eq.
Ionic Eq.
Thermo Dynamics
Thermo Chemistry
Periodic Properties
Chemical Bonding
Block Chemistry (S-Block)
Hydrocarbon