

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

## Class 12th Syllabus

| PHYSICS                     |
|-----------------------------|
| 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 |

| BIOLOGY                                  |
|--|
| 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    |

| MATHS                 |
|-----------------------|
| Log                   |
| Quadratic             |
| S & P                 |
| Trigo Ratio           |
| Trigo Equation        |
| Solutions of Triangle |
| Complex no.           |
| St. Line              |
| Circle                |
| P & C                 |
| Binomial Theorem      |
| Parabola              |
| Ellipse               |
| Hyperbola             |

| CHEMISTRY                 |
|---------------------------|
| 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               |