

# MOTION® TALENT SEARCH EXAMINATION

## Class 7th Syllabus

<b>Physics</b>
Motion and Measurement of Distances
Light, Shadows and Reflections
Electricity and Circuits
Fun with Magnets

<b>Chemistry</b>
Air Around Us
Changes Around us
Fibre to Fabric
Separation of Substances
Sorting Material into Group
Water is a Precious Resource

<b>Biology</b>
Getting to know plants
Food
Living Organisms & their surroundings
Body Movements
Garbage In and Garbage Out

<b>Maths</b>
Knowing Our Numbers
Whole Numbers
Playing With Numbers
Basic Geometrical Ideas
Understanding Elementary Shapes
Integers
Fractions
Decimals
Data Handling
Mensuration
Algebra
Ratio and Proportion
Symmetry
Practical Geometry

<b>Social Science</b>
What, Where, How & When?
On the trail of the earliest people
From gathering to growing food?
In the earliest cities?
What books and burials tell us?
Kingdoms, Kings and an early republic
New questions and ideas
Ashoka, the emperor who gave up war
Vital villages, thriving towns
Traders, kings and pilgrims
New empires and kingdoms
Buildings, paintings and books
The earth is the solar system
Globe latitudes and longitudes
Motions of the earth
Maps
Major Domains of the earth
Major landform of the earth
Our country India
India climate vegetation & wildlife
Understanding diversity
Diversity and discrimination
What is government
Key elements of democratic government
Panchayati Raj
Rural administration
Urban administration
Rural Livelihoods
Urban Livelihoods

<b>English</b>
Noun
Pronoun
Verb
Adjectives + Degree of Adjective
Adverbs
Preposition
Conjunction
Tense
Modals
Active and Passive Voice
Subject verb agreement
Reported speech
Punctuation
Articles
Message
Notice
Paragraph writing
Letter writing
Article
Verbal Ability
Comprehension & Integrated Grammar

<b>Mental Ability</b>
Number Series
Alphabet Series
Missing Term in Figure
Alphabet Test
Coding-Decoding
Direction Sense Test
Seating Arrangement
Ranking & Ordering Test
Mathematical Operations
Analogy
Classification
Figure Partition & Counting
Mirror & Water Images
Miscellaneous Topics