



An eye on talent

OLYMPIAD **A**PTITUDE **T**EST

Syllabus Grade 7

Mathematics

Integers, Fractions and Decimals, Exponents and Powers, Algebraic Expressions, Simple Linear Equations, Lines and Angles, Comparing Quantities, Triangles, Symmetry, Rational Numbers, Perimeter and Area, Data Handling, Practical Geometry.

Science

Heat, Motion and Time, Electric Current and its Effects, Winds, Storms and Cyclones, Light, Acids, Bases and Salts, Physical and Chemical Changes, Weather, Climate, Fibre to Fabric, Nutrition in Plants and Animals, Respiration in Organisms, Reproduction in Plants, Natural Resources

English

Spellings, Synonyms, Antonyms, Analogies and Spellings, One word, Phrasal Verbs and Idioms, Modals, Word order, Nouns, Pronouns, Verbs, Adverbs, Adjectives, Articles, Prepositions, Conjunctions, Punctuation, Tenses, Voices and Narration, Messages, Diary Writing, Letters, Comprehensions, Notices

Reasoning

Series , Analogy and Classification, Coding-Decoding,
Blood Relations, Direction Sense Test, Venn Diagrams,
Sequence, Mathematical Operations, Analytical Reasoning
Mirror and Water Images, Figures, Figure Matrix
Paper Folding and Paper Cutting, Cubes and Dice, Dot Situation

Computer

Fundamentals of Computer, Evolution of Computers,
Memory & Storage Devices, Using Windows 7, MS-Word,
MS-PowerPoint, MS-Excel, Programming in QBasic,
Internet & Viruses, Networking,
Latest Developments

General Knowledge

Plants and Animals, India and the World,
Science and Technology, Earth and its Environment,
Universe, Language and Literature, Entertainment,
Social Studies, Sports, Quantitative Aptitude and Reasoning,
Current Affairs, Life Skills.