



An eye on talent

# **O**LYMPIAD **A**PTITUDE **T**EST

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## **Syllabus Grade 9**

### **Mathematics**

Number Systems, Polynomials, Coordinate Geometry,  
Linear Equations in Two Variables, Quadrilaterals,  
Areas of Parallelograms and Triangles, Circles,  
Constructions, Heron's Formula, Surface Areas and Volumes,

### **Science**

Force and Laws of Motion, Gravitation, Work and Energy,  
Sound, Matter, Atoms and Molecules, Structure of Atom,  
Cell-The Fundamental Unit of Life, Tissues,  
Diversity in Living Organisms, Natural Resources,  
Foods & Habbits.

### **English**

Synonyms, Antonyms, Analogies and Spellings,  
One word, Word order, Verbs,  
Adverbs, Adjectives, Articles, Prepositions,  
Conjunctions, Punctuations, Jumbled words, Voices,  
Concord, Conditionals, Modals, Reported speech.  
Collocations, Phrasal verbs, Idioms,  
Homonyms and homophones, Comprehensions, Letters

## **Reasoning**

Series , Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Puzzle Test, Venn Diagrams, Sequence, Mathematical Operations, Alphabet Test and Logical

## **Computer**

Algorithms and Flowcharts in Programming, Visual Basic, Animations, HTML, MS-Word, MS-Excel, MS-PowerPoint, Hardware, Software, Input & Output Devices, Memory & Storage Devices, Flash CS6, Communication Technology ,Operating Systems, Using Windows 7, Latest Updates

## **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.