

## APTITUDE BUILDING TRAINING I

### **Objective:**

An aptitude test is a structured assessment that aims to evaluate job candidates' or even existing employees' talent and/or skill in completing certain tasks without any prior knowledge or training. They are used to assess candidates in terms of their skills, knowledge, ability and personality.

### **Course Outline:**

#### ***Quantitative Aptitude***

- Number Systems
- LCM and HCF
- Percentages
- Profit, Loss and Discount
- Interest (Simple and Compound)
- Speed, Time and Distance
- Time and Work
- Averages
- Ratio and Proportion
- Linear Equations
- Quadratic Equations
- Complex Numbers
- Logarithm
- Progressions (Sequences & Series)
- Binomial Theorem
- Surds and Indices
- Inequalities
- Permutation and Combination
- Probability
- Functions
- Set Theory
  
- Mixtures and Allegations
  
- Geometry
- Co-ordinate Geometry
- Trigonometry
- Mensuration
- Basic and fast method of Addition & Subtraction
- Basic and fast method of Multiplication
- Basic and fast method of Division
- Basic and fast method of Square & Square Root

- Basic and fast method of Cube & Cube Root
- HCF & LCM
- Fractions & Decimal Fractions
- Surds
- Number System
- Binary System Pipes & Cisterns
- Data Sufficiency
- Ratio & Proportion
- Partnership
- Percentage
- Average
- Problems based on Ages
- Allegation

### ***Reasoning***

- Number and Letter Series
- Calendars
- Clocks
- Cubes
- Venn Diagrams
- Binary Logic
- Seating Arrangement
- Logical Sequence
- Logical Matching
- Logical Connectives
- Syllogism
- Blood Relations
- Critical Reasoning
- Coding Decoding
- Syllogism
- Input Output
- Analytical Decision Making
- Coded Relationships
- Coded Binary Numbers
- Coded Inequalities
- Problem Solving Arrangement
- Arrangement
- Comparison
- Blood relation and professions
- Assumptions
- Arguments
- Inferences
- Course of Action
- Data Sufficiency
- Cause and Effect
- Mirror Image
- Water Image

- Figure completion
- Paper Folding & Paper Cutting
- Embedded Figures
- Counting Number of Figures
- Making Boxes
- Dice Problems
- 5 Figure Series
- 4 Figure Series
- Construction of Squares
- Missing Figure Series
- 6 figure Series
- 7 figure Series
- Analogy
- Classification

***Verbal Aptitude***

- Sentence Correction Theory
- Prepositions Theory
- Pronouns Theory
- RC Theory
- Idioms & Phrases Theory
- Vocabulary Builder
- Vocab Input
- Jumbled paragraph