

Aptitude Test and Coding Test Syllabus for Assessments 2 and 3

Aptitude Tests: 50 questions in 50 minutes

Problem Solving Techniques
Number System
LCM & HCF
Indices and Surds
Average
Percentage
Ratio and Proportion
Profit and Loss
Simple and Compound Interest
Time, Speed & Distance
Trains, Boats and Streams, Races
Time & Work
Work and Wages
Pipes and Cisterns
Mixture and Allegation
Probability
Permutation & Combination
AP and GP
Clocks and Calendars
Algebra
Geometry
Mensuration
Trigonometry
Ages
Partnership
Simple and Decimal Fractions
Height and Distance
Problems based on Numbers
Function
Statistics
Vedic Maths
Shares and Dividend
Discount
Function
Bar Charts & Pie Charts
Line Graphs and Tabular Data
Mixed Graphs
Data Sufficiency
Venn Diagram
Syllogism
Series
Analogy
Coding and Decoding
Direction Sense
Cubes and Dice



Blood Relations
Ranking
Pattern Recognition
Puzzle
Seating Arrangement
Cubes and Dice
Figure Counting
Bricks Counting
Paper Cutting & Folding
Incomplete Figure
Tenses
Vocabulary
Reading Comprehension

Coding Tests: 8 coding problems in 120 minutes

Array
String
Math
Pattern
Regex (Regular Expressions)
Searching and Sorting
Recursion
Hash Table
Combinatorics
Geometry
Matrix
Encoding