

TOPICS for aptitude

1, Number System

- * Divisibility rules
- * HCF & LCM
- * Factors & multiples

2, Algebra

- * Linear equations
- * Quadratic equations
- * Simplification and Approximation

3, Percentage, Profit & Loss

- * Discounts
- * Marked price & cost price

4, Ratio, Proportion & Mixture

- * Partnership problems
- * Alligation & mixture

5, Time & work

- * Pipes and cisterns
- * Efficiency-based problems

6, Speed, Time & Distance

- * Boats & streams

Locations

* Adyar, Teyanampet

* Train Problems

7, Permutation and Combination

* Arrangement

* Probability

8, Averages and ages

* Weighted averages

* Age-related problems

9, Simple & Compound interest

10, Mensuration

* Area and Volume of geometric shapes

Logical Reasoning

1, Coding & Decoding

2, Blood Relations

3, Seating Arrangements

* Linear & circular arrangements

4, Syllogisms.

5, Puzzles

6, Series Completion

* Number and alphabet series

7, Direction Sense

8, Data Sufficiency

9, Clocks & calendars

Data Interpretation

1, Bar charts

2, Line graphs

3, Pie charts

4, Tables

5, Caselets

Verbal Ability

1, Synonyms & Antonyms

2, Sentence Correction

3, Reading Comprehension

4, Spotting Errors

5, Fill in the blanks

6, Sentence Rearrangements (Para Jumbles)

Programming Aptitude

1, Basic Programming Constructs

- * Loops, conditions, arrays, strings

2, Algorithms

- * Sorting & searching algorithms.

3, Mathematical Reasoning for Programming

- * Modular Arithmetic

- * Logical operators

4, Data Structures Basics

- * Stacks, queues, linked lists

5, Pseudo-coding & Debugging