

17HS022 Analytical Skills 1

Course Description and Objectives:

Students will be introduced to various Arithmetic and Reasoning Problems.

The students will have acquaintance with various problems like Simple and Compound Interest, Time & distance etc. besides solving puzzles and Non verbal Reasoning.

Course Outcomes:

Upon successful completion of this course, students should able to

CO1-Student can meet the demands of current job market besides equipping them higher studies like CAT, GMAT etc...

CO2-Solves Arithmetic and Reasoning Problems within shortest possible time without paper work.

CO3-Student exhibits better analytical skills and aptitude skills.

CO4-Student develops interpretational skills.

Unit I

Number systems, Number Series, HCF and LCF of Numbers, Fraction, Simplification

Unit II

Percentage, Average, Ratio and Proportion, Partnership and Share, mixtures, Chain Rule

Unit III

Syllogisms, Logical Deductions, Statements and Conclusions

Unit IV

Statements and Assumptions, Statements and Courses of Action and Reasoning,

Unit V

Set theory, Venn and Network Diagrams, Permutations and Combinations,

TEXT BOOKS:

1. Quantitative Aptitude for Competitive Examinations by R. S. Aggarwal (2013)
2. The Pearson Guide to Quantitative Aptitude for Competitive Examinations by Dinesh Khattar (2013)

REFERENCE BOOKS:

1. Quantitative Aptitude for Competitive Examinations by Trishna Knowledge Systems (2013)
2. A Modern Approach to Verbal & Non-Verbal Reasoning by R. S. Aggarwal (February 2010)