

Pre-requisite: Basic Arithmetic Skills

Course Outcomes:

On successful completion of the course the students will be able to:

1. Solve Advance Quantitative problems
2. Use the reasoning skills efficiently.
3. Competent to be successful in competitive exam.
4. Competent to face interviews with confidence

Syllabus:

Module 1: Basics of Quantitative Abilities

Averages, Percentages, Ratio and Proportion, Partnerships

Module 2: Arithmetic Abilities

Profit and Loss, Simple and Compound interest, Problems on ages, Time and Distance, Time and Work, Mixtures and Allegations, Permutation and Combination, Probability,

Module 3: Logical Reasoning

Number Series, Problems based on Cubes, Clocks and Calendars, Cryptarithmic, Coding and Decoding, Blood Relations, Data Arrangements, Syllogism,

Module 4: Interview Preparation

Resume Preparation, Group Discussions, Types of Interviews, Do's and Don'ts during the interview, Common interview questions.

Reference Books:

1. Dr. R. S Aggarwal, "Quantitative Aptitude for Competitive Examinations", S. Chand Publishing, 2018.
2. R.V. Praveen, "Quantitative Aptitude and Reasoning" PHI Learning, 2012.
3. Dr. R. S Aggarwal, "A Modern Approach to Verbal and Non Verbal Reasoning," S. Chand Publishing, 2016.
4. Dr. K Alex, "Soft skills – know yourself and know the world," S. Chand Publishing, 2009.

