



TRP1401 – Reasoning Skill

Course outcomes:

- use their logical thinking abilities to solve reasoning questions from company specific and other competitive tests.
- enrich their knowledge and to develop their logical reasoning thinking ability.
- evaluate important assumptions in the estimation, modeling, and analysis of data, and recognize the limitations of the results.
- apply mathematical concepts, data, procedures, and solutions to make judgments and draw conclusions.
- synthesize and present quantitative data to others to explain findings or to provide quantitative evidence in support of a position.

Syllabus:

UNIT I

Logic – Categorical Proposition – Syllogism – Statement and Argument – Assertion and Reason – Logical Diagram.

UNIT II

Word Analogy – Coding and Decoding – Blood Relation – Analytical Reasoning – Seating Arrangement – Sequencing.

UNIT III

Statement and Assumption – Verification of Truth – Spatial Ability – Puzzles – Permutation and Combination – Probability – Clocks – Calendar – Completion of series – Analogy – Finding the Stranger.

Reference Text Books

1. A New Approach to Reasoning Verbal, and Non-Verbal, B.S.Sijwali&InduSijwali, Arihant Publications Pvt Ltd, 2014.
2. General Intelligence and Test of Reasoning, Vikas Experts, S. Chand Publications, 2017.
3. Non-Verbal Reasoning, Srivastava, Vijay Shankar, S. Chand Publications, 2017.