

1. General Aptitude (Reasoning and Logical Deduction):

Semantic Analogy, Symbolic operations, Symbolic/Number Analogy, Trends, Figural Analogy, Space Orientation, Semantic Classification, Venn Diagrams, Symbolic/Number Classification, Drawing inferences, Figural Classification, Punched hole/pattern-folding & unfolding, Semantic Series, Figural Pattern–folding and completion, Number Series, Figural Series, Critical Thinking, Problem Solving, Word Building, Social Intelligence, Mathematical Operations, Arithmetical Reasoning.

2. Research Statistics:

Meaning and types of Research: Basic Research, Applied Research, Research process, Types of Research Design, Research Proposal, Literature Review, Qualitative studies, Quantitative studies, Sources of Data, Various Data Collection methods, Sampling Methods, Sample size determination, Measurement of data, Descriptive data analysis, Hypothesis-testing, Z-test, F-test, t-test, Chi-square test, Regression and Correlation analysis, Nonparametric methods in statistics Sign test, Analysis of variance (One-way and Two-way Anova).