



## General Aptitude Syllabus - GATE

### Verbal Aptitude

- Basic English grammar: tenses, articles, adjectives, prepositions, conjunctions, verb-noun agreement, and other parts of speech
- Basic vocabulary: words, idioms, and phrases in context
- Reading and comprehension
- Narrative sequencing

### Quantitative Aptitude

- Data interpretation: data graphs (bar graphs, pie charts, and other graphs representing data), 2- and 3-dimensional plots, maps, and tables
- Numerical computation and estimation: ratios, percentages, powers, exponents and logarithms, permutations and combinations, and series
- Mensuration and geometry
- Elementary statistics and probability

### Analytical Aptitude

- Logic: deduction and induction
- Analogy
- Numerical relations and reasoning

### Spatial Aptitude

- Transformation of shapes: translation, rotation, scaling, mirroring, assembling, and grouping,
- Paper folding, cutting, and patterns in 2 and 3 dimensions