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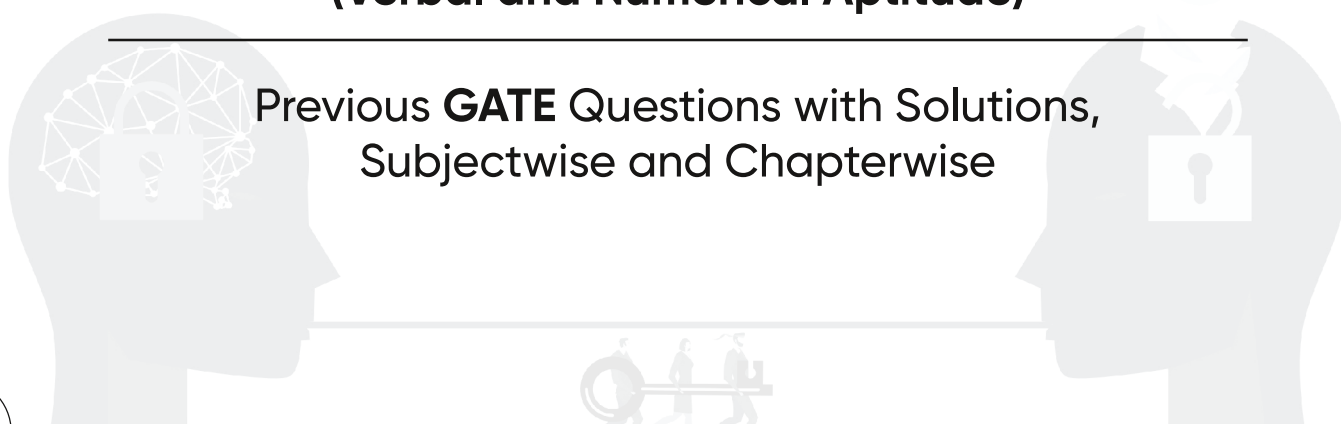
YEARS OF
SOLUTIONS

2010-2026

GENERAL APTITUDE

(Verbal and Numerical Aptitude)

Previous **GATE** Questions with Solutions,
Subjectwise and Chapterwise



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Foreword

This book contains previous GATE Questions with solutions in General Aptitude.



By going through these questions, the student will get a clear idea about the quality and complexity involved in the GATE. All most all the important concepts of the ***Previous Questions from all streams*** are included for understanding the question pattern. Therefore, It is very important exercise for any student to practice these questions, to get a good rank in GATE.

The style, quality and content of the Solutions for previous GATE Questions of General Aptitude, will encourage the reader, especially the student whether above average, average or below average to learn the concept and answer the question in the subject without any tension. However, it is the reader who should confirm this and any comments and suggestions would be pleasantly received by the Academy.

The student is advised to solve the problems without referring to the solutions. The student has to analyze the given question carefully, identify the concept on which the question is framed, recall the relevant equations, find out the desired answer, verify the answer with the final key such as (a), (b), (c), (d), then go through the hints to clarify his answer. This will help to face numerical answer questions, better. The student is advised to have some standard reference book ready to strengthen the related concepts, if necessary. The student is advised not to write the solution steps in the space around the question. By doing so, he loses an opportunity of effective revision.

This book is very much useful for ESE (Prelims), State Service Commissions, Electricity boards and various PSUs examinations.

This book can also be used by the students pursuing B.E/B.Tech for various on campus / off campus placements.

With best wishes to all those who wish to go through the following pages.

Y.V. Gopala Krishna Murthy,
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Chairman & Managing Director,
ACE Engineering Academy,
ACE Engineering Publications,
Frost Interactive Service Pvt. Ltd. (ACE ONLINE).

GATE Syllabus for General Aptitude

(COMMON TO ALL PAPERS)

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

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