General Aptitude

Theory and Practice

Solved Papers with Topic-wise Segregation

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ISBN : 978-93-80473-05-5

Pathfinder Publication

A unit of **Pathfinder Academy Private Limited**, New Delhi, India.
G-92, Pratap complex, Pratap market, Munirka, New Delhi-110067, India
Phone: 09350208235

pathfinderpublication.in

Preface

Mathematical Aptitude has always been a subject which has proved to be a tough nut to crack for all the aspirants. The reason could be attributed mainly to the phobia part, but more importantly the lack of coherent thinking during a real-life test. This book is an attempt to remove that phobia and at the same time inculcate the importance of value-added learning.

While teaching in class, a common problem of topic–wise segregation of questions of a particular topic is faced, so this problem inspired me to work on it and to empower students to decide on themselves which topic should be given how much time during their journey of preparation.

This book is divided into two sections. In the first section the entire syllabus for Part-A of CSIR-NET examination has been covered. All the previous year questions have been segregated topic wise and given after every topic, so that students get to know the importance of every topic and with reference to the type of questions asked. A great care has been taken keeping in mind the varied backgrounds of the students and how they perceive maths to be, most of the questions have been solved logically without using any complex calculation or difficult maths formulae.

I heartily acknowledge the efforts of Mr. Kumar Vishal Kant, who reviewed all the solutions and his valuable suggestions have been of great help to make this book more student friendly. Along with this, I want to pay my sincere thanks to Mr. Rajnish Gupta, who was always there with me to type all the manuscripts of this book and to Mr. Pradeep Verma for designing a beautiful cover page for this book. Finally, I want to express my gratitude towards Pathfinder Publication, without whom it would have been difficult to conceptualize the book.

I have taken great care of everything and put in efforts to keep this book free from errors. Despite all of this, some printing errors might have crept inadvertently. I shall be grateful to readers if they could bring such errors to my notice. Suggestions for further improvement of the book will be sincerely acknowledged.

Ram Mohan Pandey

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