A Complete Book
For
CUET General Aptitude Test
(Quantitative Aptitude)
Part I

PREFACE

Thank you for choosing our institute as your education buddy. **"A COMPLETE BOOK FOR NTA CUET UG (Part - A) & OTHER COMPETITIVE EXAMS FOR QUANTITATIVE APTITUDE"** is motivated by the desire we and others have had to further the evolution of the core course in General Aptitude Test. **In this Latest edition we have added all types of latest pattern Questions being asked in recent examinations of CUET.** We have carefully prepared our study material which is updated as per the latest examination pattern.

The aim of this book is to help students learn and understand the new pattern of questions frequently being asked in competitive exams which will help them to maximise their overall scores. This is to reinforce the concepts in student's mind with varoius types of questions. This study material has been prepared by experienced faculties, subject-matter experts and with the expertise of Adda247 keeping the new pattern and challenges of competitive exams in mind.

This book is carefully divided into chapters with each chapter explaining the **concepts and tricks** from the basic level to the advanced level. **This book covers 700+ questions with solutions which will help the candidate to crack competitive exam with ease.**

We, **Adda247 unit** hereby assure you that whatever difficulty you are facing in this challenging environment, you will find us with the best possible solution. As educators, we promise you the best so that all your needs are taken care of.

CONTENT

ARITHMETIC APTITUDE

1. **Number System and Simplification** **05**
   - Practice Questions 11
   - Solutions 13
2. **LCM and HCF** **17**
   - Practice Questions 19
   - Solutions 21
3. **Surds and Indices** **24**
   - Practice Questions 25
   - Solutions 27
4. **Ratio, Proportion and Partnership** **33**
   - Practice Questions 36
   - Solutions 38
5. **Mixture and Alligation** **41**
   - Practice Questions 43
   - Solutions 45
6. **Percentage** **49**
   - Practice Questions 52
   - Solutions 54
7. **Profit and Loss** **58**
   - Practice Questions 61
   - Solutions 63
8. **Simple Interest and Compound Interest** **67**
   - Practice Questions 70
   - Solutions 73
9. **Average** **77**
   - Practice Questions 79
   - Solutions 81
10. **Time and Work** **84**
    - Practice Questions 87
    - Solutions 90
11. **Pipe and Cistern** **96**
    - Practice Questions 98
    - Solutions 101
12. **Speed, Time and Distance** **105**
    - Practice Questions 108
    - Solutions 111

13. **Boat and Stream** **114**
- Practice Questions 116
- Solutions 119

14. **Data Interpretation** **122**
- Practice Questions 136
- Solutions 139

ADVANCED MATH

1. **Line, Angle and Triangle** **141**
- Practice Questions 151
- Solutions 154

2. **Circle** **157**
- Practice Questions 163
- Solutions 166

3. **Quadrilaterals** **170**
- Practice Questions 175
- Solutions 177

4. **Co-ordinate Geometry** **183**
- Practice Questions 186
- Solutions 188

5. **Algebra** **193**
- Practice Questions 196
- Solutions 198

6. **Trigonometry** **202**
- Practice Questions 208
- Solutions 210

7. **Height and distance** **213**
- Practice Questions 215
- Solutions 218

8. **Mensuration-I** **225**
- Practice Questions 232
- Solutions 234

9. **Mensuration-II** **237**
- Practice Questions 241
- Solutions 243

10. **Permutation, Combination & Probability** **246**
- Practice Questions 248
- Solutions 250