Preface

Whenever a person has to appear for an interview or exam/test, he desires to revise and recollect his knowledge of the subject in a short time just before exams. In the given time, it is difficult to go through big volumes on the subject. This simplified and small book will prove to be a "ray of light" on such occasions. Although small, it covers almost complete CIVIL ENGINEERING in 40 chapters.

This book has been set in such a way that it presents point-topoint answers to the questions generally asked in interviews and tests. In addition, this book is a self-explanatory guide to all students of Civil Engineering studying at various levels, Draughtsman Civil and also for field engineers and technicians.

It is sincerely hoped that this book will prove to be another useful work in 1000 QUESTIONS-ANSWERS SERIES, already popular among students and technicians.

- Author

Contents

1. Scales	2
2 Projections	4
3. Building Materials	17
4. Building Construction	46
5. Planning and Design of Buildings	NO.
6. Perspective Views	53
6. Perspective Views 7. Inking, Tracing and Printing	54
8. Plumbing	56
9. Carpentry	60
10. Electric Wiring	62
11. Roads ward in the result of the result o	70
12. Railways	72
13. Bridges and Tunnels	78
15. Plane Table Survey	90
16. Compass Surveying	97
17. Levelling	107
18. Contouring	110
19. Minor Instruments	111
20. Irrigation	
21. Head Works	115
22. Earthen Bunds and Dams	120
23. Cross Drainage Works	122
24. Outlets	123
25. Distributory and Canal Sections	125
26. Public Health Engineering	131
27. Sewers and Drains	132
28. Septic Tank and Cess Pool	133
29. Pipes and Pipe Joints	135
30. House Plumbing	138
31. Sanitary Fittings	140
32. Reinforced Cement Concrete	151
33. Rivets and Riveted Joints	153
34. Steel Structure Fabrication	153
35. Steel Roof Trusses	154
36. Plate Girders	155
37. Estimating and Costing	159
38. Units of Payments	160
39. Analysis of Rates	168
40 Proportion of Estimates	100