RAILWAY ENGINEERING

By

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ABOUT THE BOOK

In the subject of Transportation Engineering, study of Railway Engineering is essential. This well-known text-book now in its Twenty Sixth Thoroughly Revised and Enlarged Edition, provides an up-to-date account of the basic principles on various functions and working of Railways. Its excellent material fills a significant void in the literature of Railway Engineering.

The entire subject is systematically arranged in chapters like: Introduction; Railway Track Gauges; Surveys and Alignment of Railway Lines; Railway Traction; Rails; Ballast; Earthwork and Drainage for Railway Track; Plate-laying; Track Fittings; Geometric Design of a Track; Resistance to Traction; Points and Crossings; Railway Stations and Yards; Railway Station Machinery; Signalling; Interlocking; Maintenance of Track; Tunnelling; Rapid Transit System (Metro Rail System); Materials Management.

Appendix I : Units Of The Indian Railway;
Appendix II : Training Institutions of the Indian Railways;
Appendix III : Famous Indian Trains;
Appendix IV : Abbreviated Terms; and
Appendix V : Multiple Choice Questions.

The topics of the subject are covered in 21 well-arranged chapters and 5 appendices; it now contains:

* 242 Self-explanatory and Neatly Drawn Diagrams
* 26 Useful Tables
* 29 Solved Illustrative Problems
* 191 Multiple Choice Questions
* 394 Questions at the end of the chapters.

The book should prove to be extremely useful to the Civil Engineering students preparing for the Degree Examinations of all the Indian Universities, Diploma Examinations conducted by various Boards of Technical Education, Certificate Courses as well as for the A.M.I.E., U.P.S.C., G.A.T.E., I.E.S. and other similar competitive and professional examinations. It should also prove of interest to the practising professionals.

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