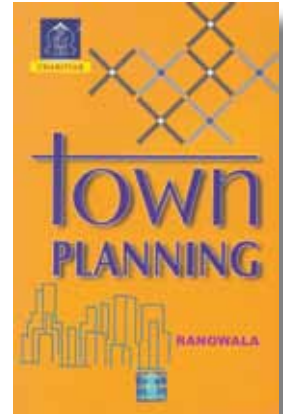


TOWN PLANNING

By
Rangwala

Edition : 26th Edition : 2013
ISBN : 978-93-80358-68-0
Size : 135 mm × 210 mm
Binding : Paperback with Four color Jacket Cover
Pages : 328 + 16



₹ 110.00

ABOUT THE BOOK

An attempt has been made by the authors in this book to explain the general principles of the subject of Town Planning. The subject matter is expressed in a simple language and practical manner. The treatment is clear, methodical as well as interesting and easy to follow.

The entire subject matter is canvassed in the chapters like:

- * Introduction
- * Surveys
- * Zoning
- * Housing
- * Slums
- * Parks and Playgrounds
- * Industries
- * Public buildings
- * Re-planning existing towns
- * Building bye-laws
- * Development plan
- * Urban roads
- * Traffic management and
- * Miscellaneous topics.

Appendix I and Appendix II discuss about India's best planned cities — Chandigarh and Gandhinagar.

The book now contains:

- * 64 Self-explanatory neat diagrams
- * 09 Useful tables and more than
- * 268 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.

CONTENT

- 1 : INTRODUCTION
- 2 : SURVEYS
- 3 : ZONING
- 4 : HOUSING
- 5 : SLUMS
- 6 : PARKS AND PLAYGROUNDS
- 7 : INDUSTRIES
- 8 : PUBLIC BUILDINGS
- 9 : RE-PLANNING EXISTING TOWNS
- 10: BUILDING BYE-LAWS
- 11: DEVELOPMENT PLAN or MASTER PLAN
- 12: URBAN ROADS
- 13: TRAFFIC MANAGEMENT
- 14: MISCELLANEOUS TOPICS
- APPENDIX I : CHANDIGARH
- APPENDIX II : GANDHINAGAR
- BIBLIOGRAPHY
- INDEX

Checklist



Charotar Publishing House Pvt. Ltd. Opposite Amul Dairy, Civil Court Road, Post Box No. 65, ANAND 388 001 India
Telephone: (02692) 256237, Fax: (02692) 240089, e-mail: charotar@cphbooks.com, Website: www.cphbooks.com

TOWN PLANNING
DETAILED CONTENTS

Chapter 1 INTRODUCTION

- 1-1. General
 - 1-2. Evolution of planning
 - 1-3. Objects of town planning
 - 1-4. Economic justification for town planning
 - 1-5. Principles of town planning
 - 1-6. Necessity of town planning
 - 1-7. Origin of towns
 - 1-8. Growth of towns
 - 1-9. Stages in town development
 - 1-10. Personality of town
 - 1-11. Distribution of land uses
 - 1-12. Forms of planning
 - 1-13. Site for an ideal town
 - 1-14. Requirements of new towns
 - 1-15. Planning of the modern town
 - 1-16. Planning of military towns
 - 1-17. Powers required to enforce T. P. schemes
 - 1-18. Cost of town planning
 - 1-19. Town planning in ancient India
 - 1-20. Indus valley civilization (IVC)
 - 1-21. Present position of planning in India
- QUESTIONS 1

Chapter 2 SURVEYS

- 2-1. General
 - 2-2. Necessity
 - 2-3. Collection of data
 - 2-4. Types of surveys
 - 2-5. Uses of surveys
 - 2-6. Methods adopted to collect data
 - 2-7. Drawings
 - 2-8. Report
- QUESTIONS 2

Chapter 3 ZONING

- 3-1. Meaning of the term
 - 3-2. Uses of land
 - 3-3. Objects of zoning
 - 3-4. Principles of zoning
 - 3-5. Advantages of zoning
 - 3-6. Importance of zoning
 - 3-7. Aspects of zoning
 - 3-8. Zonal plan for military towns
 - 3-9. Transition zone
 - 3-10. Economy of zoning
 - 3-11. Zoning powers
 - 3-12. Maps for zoning
- QUESTIONS 3

Chapter 4 HOUSING

- 4-1. General
- 4-2. Importance of housing
- 4-3. Demand for houses
- 4-4. Building site
- 4-5. Requirements of residential buildings
- 4-6. Classification of residential buildings
- 4-7. Trends in multi-storeyed buildings
- 4-8. Design of residential areas
- 4-9. Rural housing
- 4-10. Low Cost Housing
- 4-11. Rural housing boards
- 4-12. GRUH
- 4-13. Laurie Baker
- 4-14. Agencies for housing
- 4-15. Investment in housing
- 4-16. HUDCO

- 4-17. HDFC
 - 4-18. LIC Housing Finance Limited
 - 4-19. CIDCO
 - 4-20. Housing problem in India
 - 4-21. National housing policy
- QUESTIONS 4

Chapter 5 SLUMS

- 5-1. General
 - 5-2. Causes of slums
 - 5-3. Characteristics of slums
 - 5-4. Effects of slums
 - 5-5. Slum clearance
 - 5-6. Works of improvement
 - 5-7. Open plot scheme
 - 5-8. Slum clearance and rehousing
 - 5-9. Prevention of slum formation
 - 5-10. Resources for slum clearance programmes
 - 5-11. The Indian slum
- QUESTIONS 5

Chapter 6 PARKS AND PLAYGROUNDS

- 6-1. General
 - 6-2. Types of recreation
 - 6-3. Location of urban green spaces
 - 6-4. Classification of parks
 - 6-5. Theme parks of America
 - 6-6. Park systems
 - 6-7. Park design
 - 6-8. Finance for parks
 - 6-9. Parkways
 - 6-10. Boulevards
 - 6-11. Playgrounds
 - 6-12. Space standards
 - 6-13. Landscape architecture
- QUESTIONS 6

Chapter 7 INDUSTRIES

- 7-1. General
 - 7-2. Classification of industries
 - 7-3. Concentration of industries
 - 7-4. Requirements of an industry
 - 7-5. Sitting of an industry
 - 7-6. Measures to control location of industries
 - 7-7. Industrial townships
 - 7-8. Treatment of industrial wastes
- QUESTIONS 7

Chapter 8 PUBLIC BUILDINGS

- 8-1. General
 - 8-2. Location of public buildings
 - 8-3. Classification of public buildings
 - 8-4. Principles of design of public buildings
 - 8-5. Town centres
 - 8-6. Grouping of public buildings
 - 8-7. Civic aesthetics
- QUESTIONS 8

Chapter 9 RE-PLANNING EXISTING TOWNS

- 9-1. General
 - 9-2. Objects of re-planning
 - 9-3. Defects of existing towns
 - 9-4. Data to be collected
 - 9-5. Urban renewal projects
 - 9-6. Decentralization and recentralization
 - 9-7. Garden city
 - 9-8. Surface drains
 - 9-9. Refuse of town
- QUESTIONS 9



TOWN PLANNING
DETAILED CONTENTS

Chapter 10 BUILDING BYE-LAWS

- 10-1. General
- 10-2. Objects of bye-laws
- 10-3. Importance of bye-laws
- 10-4. Function of local authority
- 10-5. Responsibility of owner
- 10-6. Applicability of bye-laws
- 10-7. Set-back
- 10-8. Light plane
- 10-9. Floor space index
- 10-10. Off-street parking
- 10-11. Fire protection
- 10-12. Minimum plot sizes
- 10-13. Some other terms
- 10-14. Principles underlying building bye-laws
- 10-15. Building bye-laws for residential area of a typical town planning scheme
- 10-16. Bye-laws for cinemas, theatres, multiplex, meeting halls, lecture halls, town halls, auditorium, etc.
- 10-17. Bye-laws for drive-in cinemas
- 10-18. Bye-laws for GASOLINE filling stations and gasoline filling cum service station
- QUESTIONS 10

Chapter 11 DEVELOPMENT PLAN OR MASTER PLAN

- 11-1. General
- 11-2. Objects of development plan
- 11-3. Necessity of development plan
- 11-4. Data to be collected
- 11-5. Drawings to be prepared
- 11-6. Features of development plan
- 11-7. Planning standards
- 11-8. Development plan for military town
- 11-9. Development plan for hill station
- 11-10. Report
- 11-11. Stages of preparation of development plan
- 11-12. Method of execution of development plan
- 11-13. Conclusion
- QUESTIONS 11

Chapter 12 URBAN ROADS

- 12-1. General
- 12-2. Objects of urban roads
- 12-3. Requirements of a good city road
- 12-4. Factors to be considered
- 12-5. Classification of urban roads
- 12-6. Types of street systems

- 12-7. Through and by-pass roads
- 12-8. Outer and inner ring roads
- 12-9. Expressways
- 12-10. Freeways
- 12-11. Precincts
- 12-12. Road aesthetics
- QUESTIONS 12

Chapter 13 TRAFFIC MANAGEMENT

- 13-1. General
- 13-2. Objects of traffic management
- 13-3. Traffic surveys
- 13-4. Traffic congestion
- 13-5. Traffic control
- 13-6. Road junctions or intersections
- 13-7. Parking
- 13-8. Traffic capacity of roads
- 13-9. Road traffic problems
- 13-10. Road accidents
- 13-11. Traffic signals
- 13-12. Road signs
- 13-13. Road markings
- 13-14. Street lighting in a town
- 13-15. Traffic problems of existing towns
- 13-16. Peculiarities of traffic
- QUESTIONS 13

Chapter 14 MISCELLANEOUS TOPICS

- General
- 14-1. Airports
- 14-2. Betterment and compensation
- 14-3. City blocks
- 14-4. Conurbations
- 14-5. Cul-de-sac streets
- 14-6. Focal points
- 14-7. Green belt
- 14-8. Land Use Planning
- 14-9. Neighbourhood planning
- 14-10. Protective strips
- 14-11. Public utility services
- 14-12. Radburn layout
- 14-13. Rapid transit
- QUESTIONS 14

Appendix I CHANDIGARH

Appendix II GANDHINAGAR

