

Civil Engineering

Fourth
Edition

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Edition

Through Objective Type Questions

is the thoroughly revised, enlarged edition of the book for young civil engineers preparing for various competitive examinations. This edition includes questions that appeared in the competitive examinations of Civil Services and Engineering Services, conducted by UPSC and also from GATE conducted by IITs. Many questions from this book have been set in a number of competitive examinations. The important features of this book are conciseness, complete coverage of the entire syllabus in a fewer questions, and explanations of the correctness of the answers to some typical questions (Appendix B). This edition contains 18 chapters and Appendices with more than 5200 questions. Even after 37 years, the book is still considered to be a must for all those appearing in most of the competitive examinations.

Salient Features

1. Concise and elaborative approach to questions and their answers and explanations
2. Covers the syllabi of Civil Services and Engineering Services Examinations conducted by UPSC, GATE-IITs/ IES/ BARC/ ISRO/ SSC-JE/State Engineering Services Examinations
3. Contains 18 chapters and appendices supplemented with detailed illustrations
4. Existing questions and answers of the third edition are rectified/corrected (Appendix A)
5. Explanations to answers for some critically challenged questions (Appendix B)
6. More than 5200 MCQs

SP Gupta PhD (Civil Engineering) is former Director, Global Institute of Technology, Jaipur (2012), after serving as Principal of the institute for 9 years. He retired from Malaviya National Institute of Technology, Jaipur, as Professor and Head, Department of Structural Engineering, in 2002. Dr Gupta graduated in Civil Engineering in 1965 from Delhi College of Engineering. He obtained his postgraduate degree in structural engineering from Delhi University in 1970, and doctoral degree from University of Rajasthan in 1985. He started his career as Assistant Engineer in UP Irrigation in 1965. Thereafter, he switched over to teaching at Delhi College of Engineering in 1967 and then at Malaviya Regional Engineering College (now Malaviya National Institute of Technology), Jaipur, in 1969. He became Reader and Professor in 1985 and 1996. Dr Gupta has published more than 25 research papers. He has co-authored books *Structural Analysis: A Matrix Approach*, *Theory of Structures* (2 volumes), *Torsion in Concrete Structures*^{CBS} and *Prestressed Concrete*^{CBS}.

Dr Gupta has been Chairman, Academic Affairs Committee, and Professor Incharge, Admissions/ Examinations. He also served as a Member of Board of Governors.

SS Gupta BE, IRSE, FIE, FIPWE is former Principal Chief Engineer, Indian Railways. Mr Gupta has obtained degree in Civil Engineering from Malaviya Regional Engineering College (now Malaviya National Institute of Technology), Jaipur, in 1980. He joined CPWD in 1982 and Indian Railways in 1983 after qualifying Engineering Services Examinations conducted by UPSC. Since then, he has worked in different positions as Dy Chief Engineer, Director (bridges and structures)/RDSO, Chief Engineer (construction), Chief Bridge Engineer, Divisional Railway Manager and Executive Director in Indian Railways. Mr Gupta was honored with General Manager Award in 1993, 1994 and 1997, for his outstanding contribution to gauge conversion projects of Western Railway. He is recipient of KC Sood Memorial Award in 2008 and 2012 for best technical papers.

Mr Gupta is also popular as a recreational mathematician and has published more than 30 papers in national and international journals. His website www.shyamsundergupta.com on number recreations is highly popular with visitors from more than 150 countries.

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A unique set of wide ranging questions—answers for readers' practice and self evaluation

SP Gupta
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CBS Publishers & Distributors Pvt Ltd
4819/XI, Prahlad Street, 24 Ansari Road, Daryaganj, New Delhi 110 002, India
E-mail: delhi@cbspd.com, customercare@cbspd.com; Website: www.cbspd.com
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- Branches**
- Bangalore: Seema House 2975, 17th Cross, K.R. Road, Banasankari 2nd Stage, Bengaluru 560 070, Karnataka, Ph: 080-26771678/79, Fax: 080-26771680, e-mail: bangalore@cbspd.com
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 - Kochi: 42/1325-26 Power House Road, Opposite KSEB Power House, Kochi 682 018, Kerala Ph: 0484-4059061-65, Fax: 0484-4059065, email: kochi@cbspd.com
 - Kolkata: 147, Hind Ceramics Compound, 1st Floor, Milligan Road, Belghoria, Kolkata 700 056, West Bengal, India, Ph: +91-33-26533056, 033-26533056 e-mail: kolkata@cbspd.com
 - Lucknow: Basement, Krishna Complex, 7 Meerabai Marg (Behind Jawahar Bhawan), Lucknow-226001, UP, Ph: +92-4000003 e-mail: ltw@lucknow@cbspd.com
 - Mumbai: PWD Shed, Gata No. 25/26, Ramchandra Bhatt Marg, Next JJ Hospital Gate No. 2, Opp. Union Bank of India, Noorboug, Mumbai-400009, Maharashtra, Ph: +91-22-6661880/89 Mob: 0-842400588 e-mail: mumbai@cbspd.com
- Representatives**
- Hyderabad 0-9885175004 • Jharkhand 0-9811541605 • Nagpur 0-9421945513 • Patna 0-9334159340 • Pune 0-9923910676 • Uttarakhand 0-9711462459



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