



Programming for Problem Solving (All India)

Author : R.S. Salaria

ISBN 13 : 978-93-89139-11-2

ISBN 10 : 93-89139-11-2

E-ISBN 13 : 978-93-89139-11-2

Edition : 1

Pages : 500

Type of book : Paperback

Year : 2021

Language : English

Publisher : Khanna Publishing House

Price : Rs 360.00

Categories : [All book](#), [Computer Science Engineering](#), [New Arrivals](#)

Condition Type : New

Country Origin : India

Product Description

- This book is specially conceived with an aim to serve not only as a textbook to cover the syllabus of public & private universities, rather an intelligent book (I-book) that empowers readers to acquire 21st century problem solving skills and sharp coding skills.
- Designed keeping in mind the objective of OUTCOME BASED EDUCATION.
- Simple and lucid language that enables even an average reader to grasp the fundamental concepts of the subject.
- Illustrative example (165+ in number) to demonstrate the application of the concepts.
- Multiple choice questions (225+ in number) to provide an opportunity for self assessment of the fundamental concepts.
- Short-answer type questions (192+ in number) to provide an opportunity to synthesize the fundamental concepts learned to answer precisely.
- Programming exercises (112+ in number) to provide an opportunity to harness their coding skills.
- Coding problems (42+ in number) to conquer the technical round of the CAMPUS PLACEMENT PROCESS with flying colors.
- The whole content is designed and organized as per the BLOOM'S TAXONOMY.

Table of Contents

Chapter 0 : Coding/Programming Problems for Campus Placements Chapter 1 : Introduction to Computers Chapter 2 : Program Solving and Program Planning Chapter 3 : Overview of C Language Chapter 4 : Data Types, Variables and Constants Chapter 5 : Operators and Expressions Chapter 6 : Console Input/Output Chapter 7 : Decision Making and Branching Chapter 8 : Decision Making and Looping Chapter 9 : User-Defined Functions Chapter 10 : Arrays and Strings Chapter 11 : User-Defined Data Types : Structure, Union & Enumeration Chapter 12 : Pointers & Dynamic Memory Management Chapter 13 : File Handling Chapter 14 : Preprocessor Directives Chapter 15: Introduction to Algorithms Appendix A : Answers of MCQs Appendix B : FAQs for Oral Examination Appendix C : Solution of Selected Programming Exercises



Author

R.S. Salaria Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>

