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# Computer Technology and Programming-II)

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**Class -XII**



**BOARD OF SECONDARY EDUCATION  
RAJASTHAN, AJMER**

**Textbook Development Committ**  
**Computer Technology and Programming-II)**  
**Class -XII**

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# Preface

This book covers essential concepts of Computer Technology and Programming. The overall aim of the book is to introduce about Data Structure, C++, DBMS and their applications.

The topics covered in this book are according to the recently revised syllabus of Board of Secondary Education, Rajasthan. This book comprises of 15 chapters and each chapter has its own significance.

Chapters 1 to 5, are part of first unit and cover introduction to data structure which include arrays, sorting, stacks, queues and linked lists.

Chapter 6 to 12, are part of second unit and cover introduction to C++ programming language which include simple C++ programmes & their process of linking and compiling, operators, expressions, control structures, functions in C++, classes, objects, constructors, destructors, operator overloading and inheritance.

Chapter 13 to 15, are part of third unit and discuss about introduction to DBMS which include **DBMS concepts**, Relational database concepts and Basics of PL/SQL.

We take this opportunity to extend our heartfelt thanks to everyone who supported us in this endeavour. Our thanks to the people who helped in data collection, organisation of topics, editing and reviewing of contents and much more. Last but not least, we extend our thanks to our family members without whose support this dream could not have been converted into a REALITY.

Suggestions for improvement in the book are welcome.

**Authors**

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