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## A TEXT BOOK OF PHARMACOLOGY-I

A book named "Pharmacology-I" focuses on the B. Pharm. Fourth semester as per the PCI Syllabus. It provides an updated classification of drugs, detailed information on pharmacokinetics, pharmacological action, mechanism of action, adverse effects, contraindications, drug interactions, and uses. The content is presented with a thorough exploration of theoretical aspects, accompanied by flowcharts and pictorials for a clearer comprehension of drug mechanisms and pharmacology.

The primary goal of this book is to furnish students with comprehensive information on the subject in clear and straightforward language. We have taken into consideration the common difficulties faced by students. Specifically designed for B. Pharm. fourth-semester students as per the PCI syllabus, this textbook is also valuable for medical, dental, nursing students, and individuals seeking a basic and concise introduction to pharmacology. We are confident that "Pharmacology-I" will simplify the subject for students aspiring to learn, offering an easily understandable approach. The authors are open to suggestions and criticisms to genuinely enhance the book's quality.

### Features

- Complex concepts are presented in a reader-friendly manner, making them easily accessible to students.
- This comprehensive textbook thoroughly explores drug classification, pharmacokinetic profile, pharmacological action, mechanism of action, adverse effects, contraindications, drug interactions, and detailed uses.
- The subject matter is presented in a detailed and comprehensive manner, accompanied by well-labelled diagrams and structural illustrations.
- The book has been written keeping in view the requirements of B. Pharm second-year (Fourth semester) students of the PCI syllabus.
- The language utilized is not only simple but also lucid, facilitating a clear and straightforward understanding for readers.

**Bhupendra Dixena | Akhlesh Kumar Jain**

### (Contents)

- General Pharmacology
- General Pharmacology
- Pharmacology of Drugs Acting on Peripheral Nervous System
- Pharmacology of Drugs Acting on Central Nervous System
- Pharmacology of Drugs Acting on Central Nervous System

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