

Systemic Pharmacology II (Theory)

Course Code: BP506T

B.Pharm, Semester V

As per the new PCI Syllabus 2026 (NEP 2020)

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Preface

This book presents the syllabus of Systemic Pharmacology II (BP506T) for the fifth semester of the Bachelor of Pharmacy programme, prepared in line with the Pharmacy Council of India curriculum. It is written to be read the way the subject is examined and the way it is used at the bedside: every drug is presented on the same four-line clinical spine of mechanism of action, dose, adverse effects, and contraindications, so that any agent can be revised quickly and completely.

The organising idea of the book is that the pharmacology of a system is best learned mechanism first. Each chapter opens with the physiology or the target the drug acts on, then derives the classification, the uses, and the adverse effects from that mechanism, so that the reader reasons about drugs rather than merely memorising them. Original figures and comparison tables support the text, and each chapter closes with worked clinical examples and a graded set of questions in the university pattern.

The doses given are usual adult therapeutic ranges intended for orientation and study; they are not a substitute for a current prescribing reference or clinical judgement. Facts have been drawn from the standard prescribed textbooks listed at the end of the book, and the reader is encouraged to consult the latest editions for detail beyond the syllabus.

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