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# Text Book of

# Pharmaceutical Chemistry for Diploma in Pharmacy

#### About the Book

There are many drugs available in pharmacy today which have been laid down by the pharma companies for handling different diseases and disorders of the patients. However, these drugs are of different category and possess vital therapeutic applications. These drugs have to be prepared, analysed for their quality and dispensed to the patient carefully to support health care system. For this purpose, possessing thorough knowledge about their chemistry, mechanism of action and pharmacology is very essential to transform the student into a qualified person. Hence, an effort has been made to write this text book comprising of comprehensive scientific information about these drugs as per PCI syllabus in a innovative and systematic manner which will suffice the information to the student as well as teachers and help the student to understand and remember the information.

For the sake of convenience, this text book content has been divided into,

- Pharmaceutical quality assurance/analysis
- Study of drugs, their chemistry, mechanism of action, pharmacology, therapeutic
  uses
- at the end of the chapter, summary of the chapter is given which will help the student to remember the contents easily followed by questions of different types (MCQs along with keys and essay type)

Hope this book will be useful for both the students of Diploma in pharmacy and teachers.

### Basavaraj M Dinnimath | Vijay Kumar MMJ Mahesh D Bhanushali | Sushmita I Hiremath | Pooja M Koganole

## (Contents)

- · Introduction to Pharmaceutical chemistry
- · Volumetric Analysis
- · Inorganic Pharmaceuticals
- Introduction to Nomenclature of Organic Chemical Systems with Particular Reference to Heterocyclic Compounds Containing up to Three Rings
- · Drugs Acting on Central Nervous System
- Drugs Acting on Autonomic Nervous System

- · Drugs Acting on Cardio-vascular System
- Diuretics
- · Hypoglycemic Agents
- · Analgesic and Anti-inflammatory Agents
- · Anti-infective Agents
- Antibiotics
- · Anti-Neoplastic Agents



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