Book Review


The first edition of “Pharmaceutics, The Science of Dosage Form Design” was published in 1988. The pedigree of the book is actually much older than that. It was originally known as “Tutorial Pharmacy” and edited by J. Cooper and C. Gunn.

The philosophy of this edition remains unchanged in comparison to the former one. The new edition sheds more light on biotechnology products and biopharmaceutics. The book proceeds with the identification of pharmaceutics in terms of design of dosage forms, mixing, and powder flow. It is divided into five main parts and these in turn divided into forty two sections or chapters. The first part deals with the scientific and focuses on solutions, disperse systems and preformulation as well as the kinetics and stability of dosage forms. Part two introduces a new term “particle science” and deals with powder technology. Part three considers the biopharmaceutical principles of drug delivery, which discusses in a glance the bioavailability of oral drugs. Part four is concerned with dosage form design and manufacture. It covers more than eighteen different dosage forms. Finally, part five considers the pharmaceutical microbiology and the action of drugs on microorganism.

“Pharmaceutics, The Science of Dosage Form Design, second edition” is an updated and comprehensive book on the subject. This is appreciated from the wide range of authors who are world leaders in their area of specialization.

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