

ISBN: 978-81-962792-5-7 e-ISBN: 978-81-962792-4-0

Pages: 260 2023

Printed Copy

Paperback ₹ 695/-

PHARMACOGNOSY AND PHYTOCHEMISTRY II

(Theory and Practicals)

The book entitled "Pharmacognosy and Phytochemistry-II" is a very sincere attempt to arouse the interest of the students in these fast developing branches of Pharmaceutical sciences. This book is written in easily understandable and tacky language so that students easily grasp the contents that they need, the book is intended as a theory cum practical for students appearing B.Pharmacy fifth (V) semester. The book is designed to have 5 chapters. Each chapter is written with the aim to give a reasonable background to academician and researchers in the respective topic. The objective of the authors is fully achieved by systemic assemblage of the well-written chapters with neat and clean well-labelled diagrams wherever necessary. Suggestions and criticisms will always be solicited by the authors to further improve the quality of the book in real sense.

The salient features of this book are:

- It is based on the prescribed syllabus of pharmacy council of India (PCI), New Delhi.
- It provides wide knowledge of pharmacognosy and its importance in pharmacy field.
- Detailed and comprehensive subject matter with well-labelled diagrams, structural illustrations.
- It also includes frequently asked viva-voce as well as frequently asked questions.

Sushilkumar A. Shinde | Sarin A. Chavhan Ravindra H. Kale | Kailash R. Biyani

(Contents)

- Experiment No. 01. To Study the morphological, microscopical characters a nd powder microscopy of Cinchona bark
- Experiment No. 02. To Study the morphological, microscopical characters and powder microscopy of Clove Bud
- Experiment No. 03. To Study the morphological, microscopical characters and powder microscopy of Cinnamon bark
- Experiment No. 04. To Study the morphological, microscopical characters and powder microscopy of Senna Leaf
- Experiment No. 05. To Study the morphological, microscopical characters and powder microscopy of Ephedra
- Experiment No. 06. To Study the morphological, microscopical characters and powder microscopy of Fennel
- Experiment No. 07. To Study the morphological, microscopical characters and powder microscopy of Coriander
- Experiment No. 08. To Extract Caffeine From Tea Dust
- Experiment No. 09. To extract Diosgenin from Dioscorea
- Experiment No. 10. To extract Atropine from belladonna
- Experiment No. 11. To extract sennoside from senna

- Experiment No. 12. Seperation of Sugars By Paper Chromatography
- Experiment No. 13. Isolation and identification of Eugenol from Clove bud
- Experiment No. 14. Isolation and identification of Curcumin from Turmeric
- Experiment No. 15. Isolation and identification of Piperine from black pepper
- Experiment No. 16. To identify the given sample of unorganized drug with the help of Physical and Chemical tests (ASAFOETIDA)
- Experiment No. 17. To identify the given sample of unorganized drug with the help of Physical and chemical tests (BENZOIN)
- Experiment No. 18. To identify the given sample of unorganized drug with the help of Physical and chemical tests (COLOPHONY)
- Experiment No. 19. To identify the given sample of unorganized drug with the help of Physical and chemical tests (ALOE)
- Experiment No. 20. To identify the given sample of unorganized drug with the help of Physical and chemical tests (MYRRH)

ISBN: 978-81-962792-5-7