Contents

	ntributors face	v vii
1.	Introduction	1–6
	Definition and History of PharmacognosyScope and Present Status of Pharmacognosy	
2.	Classification of Crude Drugs	7–11
	Taxonomical, Pharmacological, Chemo-taxonomical, Alphabet Morphological, Chemical	ical,
3.	Quality Control of Herbal Drugs	12–26
	Different Methods of Adulteration of Crude DrugsEvaluation of Crude Drugs	
4.	Phytopharmaceuticals	27–39
	• Distribution, Identification Tests, Pharmaceutical Applications, Isolation, the Therapeutic Activity of Terpenoids, Volatile Oils, Resins, Alkaloids, Glycosides, Tannins	
5.	Crude Drugs used in Phytotherapy	40–91
	 Laxatives: Castor oil, Senna, Aloe, Ispaghula Cardiotonic: Arjuna, Digitalis Carminatives and G.I. regulators: Fennel, Ginger, Black Pepper, Nutmeg, Coriander, Cardamom, Clove, Black Pepper, Asafoetic Cinnamon Astringents: Black Catechu, Myrobalan, Pale Catechu Drugs acting on the nervous system: Belladonna, Opium, Coffe seeds, Hyoscyamus, Ephedra, Tea leaves, Coca Anti-hypertensive: Rauwolfia Anti-tussive: Tolu Balsam, Vasaka 	

• Anti-rheumatics: Colchicum seed

Text book of Pharmacognosy

¥

x Text book of Pharmacognosy	
 Anti-tumour: Podophyllum, Vinca Antidiabetics: Gymnema, Pterocarpus Diuretics: Punarnava, Gokhru Anti-dysenteric: Ipecacuanha Antiseptics and disinfectants: Myrrh, Turmeric, Benzoin, N Antimalarials: Artemisia, Cinchona Oxytocic: Ergot Vitamins: Shark liver oil, Cod liver oil Enzymes: Diastase, Yeast, Papaya, Pancreatin Pharmaceutical Aids: Lanolin, Acacia, Sodium alginate, Gu Kaolin, Beeswax, Tragacanth, Agar, Gelatin Miscellaneous: Galls, Tulsi, Guggul, Squill, Ashwagandha 	
6. Plant Fibres used as Surgical Dressings	92–96
Silk, Regenerated Fibers, Cotton, Wool	
7A. Basic Principles Involved in the Traditional Systems of Medicine	97–103
 Siddha, Homeopathy, Ayurveda, Unani 	
7B. Method of Preparation of Ayurvedic Formulations	104–109
 Introduction Ayurvedic Formulations Preparation and Standardization of Ayurvedic Formulation Aristas and Asavas Gutika Churna Taila Lehya/leha Bhasma 	S
8. Role of Medicinal and Aromatic Plants in the National Economy and their Export Potential	110–112
9. Nutraceuticals: Components and Applications	113–118
 Therapeutic Applications and Introduction of Antioxidants biotics, Omega-3-fatty Acids, Carotenoids, Garlic, Nutrace Probiotics, Dietary Fibres, Spirulina, Soya 	

10. Introduction to Herbal Formulations	119–129
 Origin and concept 	
 Herbal Formulations 	
 Steps Involved in Herbal Drug Formulation 	
 Types of Conventional Herbal Formulations 	
1. Liquid Herbal Dosage Forms	
2. Solid Herbal Dosage Forms	
3. Other Herbal Dosage Forms	
4. Novel Dosage Form	
 Traditional Ayurvedic Formulations 	
Challenges and Limitations of Herbal Formulation	าร
 Herbal Formulations' Way Forward 	
11. Herbal Cosmetics	130–134
Chemical constituents, therapeutic and cosmetic commercial proparations of Almond ail. Olive of	
	,
	c uses, Sources, il, Sandal
Investigation of Drugs	135–13