

Contents

<i>List of Contributors</i>	v
<i>Preface</i>	vii
<i>Syllabus</i>	xi

I. Morphological Identification	1
--	----------

1. Morphological Identification of Ispaghula 3
2. Morphological Identification of Senna 6
3. Morphological Identification of Coriander 9
4. Morphological Identification of Fennel 12
5. Morphological Identification of Cardamom 15
6. Morphological Identification of Ginger 18
7. Morphological Identification of Nutmeg 21
8. Morphological Identification of Black Pepper 24
9. Morphological Identification of Cinnamon 27
10. Morphological Identification of Clove 30
11. Morphological Identification of Ephedra 33
12. Morphological Identification of Rauwolfia 36
13. Morphological Identification of Gokhru 39
14. Morphological Identification of Punarnava 42
15. Morphological Identification of Cinchona 45
16. Morphological Identification of Agar 48

II. Importance of Transverse Section and Microscopic Study of Crude Drugs	51
--	-----------

17. Transverse Section of Ajowan Fruit 53
18. Transverse Section of Datura Leaflet 56
19. Transverse Section of Cassia Cinnamon Bark 58
20. Transverse Section of Cinchona Bark 61
21. Transverse Section of Coriander Fruit 64
22. Transverse section of Ashwagandha Root 67
23. Transverse Section of Liquorice Root 70
24. Transverse Section of Clove Flower Bud 73
25. Transverse Section of Turmeric 76
26. Transverse Section of Nux Vomica Seed 79
27. Transverse Section of Vasaka Leaflet 82

Important Viva Voce Questions on Transverse Sections	85
---	-----------

III. Physical and Chemical Identification Tests for Crude Drugs**87**

- 28. Physical and Chemical Identification Tests for Asafoetida 89
- 29. Physical and Chemical Identification Tests for Benzoin 91
- 30. Physical and Chemical Identification Tests for Catechu 93
- 32. Physical and Chemical Identification Tests for Castor Oil 96
- 33. Physical and Chemical Identification Tests for Acacia 98
- 34. Physical and Chemical Identification Tests for Tragacanth 100
- 35. Physical and Chemical Identification Tests for Agar 102
- 36. Physical and Chemical Identification Tests for Guar Gum 104
- 37. Physical and Chemical Identification Tests for Gelatin 106