

Contents

<i>Preface</i>	<i>xi</i>
<i>Syllabus</i>	<i>xiii</i>

Unit-I

1. Preformulation Studies	1
---------------------------------	---

Unit-II

2. Tablets	12
3. Liquids Oral.....	49

Unit-III

4. Capsules	64
5. Pellets	75

Unit-IV

6. Parenteral Product	83
7. Ophthalmic Preparations	108

Unit-V

8. Cosmetic	122
9. Pharmaceuticals Aerosols.....	140
10. Packaging Material Science.....	153

Practicals

1. To perform preformulation studies on paracetamol.....	169
2. To prepare and evaluate paracetamol tablet.....	173
3. To prepare and evaluate aspirin tablet	177
4. To Perform film coating of granules/tablets	179
5. To prepare and evaluate 250 mg tetracycline capsules.....	182
6. To prepare and submit ascorbic acid injection IP	187
7. To prepare and submit calcium gluconate inj. IP.....	190
8. To evaluate marketed preparation of tablets and capsule	192
9. To prepare and submit the zinc sulphate eye drop.....	198
10. To prepare and submit simple eye ointment.....	199
11. To prepare and submit cold cream.....	200
12. To prepare and submit vanishing cream	201
13. Evaluation of glass container as per IP	202
<i>Viva Voce Questions</i>	205