

FirstRanker.com Firstranker!s choice Rajiv Gandhi Waniwellschey von Health Sciencesom First Year M.Pharm Degree Examination - May 2011

[Time: 3 Hours] [Max. Marks: 100]

PREFORMULATION AND PRODUCTION MANAGEMENT

(RS 2 & RS 3)

Q.P. CODE: 9282

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (Answer any TWO)

2 X 20 = 40 Marks

- Explain the concepts of pre-formulation with special emphasis on study of stability, interactions with excipient and physico-chemical characteristics of drug molecules.
- 2. Discuss about ISO 9000 series. Explain the documentation practices that are ideally implemented in a production unit.
- 3. Write in detail pilot plant scale up concepts and techniques for parenterals

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

- Effluent treatment in pharamaceutical industries
- 5. Personnel training.
- www.FirstRanker.com 6. Formulation aspects of medicated lozenges
- 7. Centralized purchasing
- 8. Salient features of GMP
- 9. Classical optimization

SHORT NOTES

2 X 5 = 10 Marks

- 10. GATT and trips
- Inventory models.

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