

Rajiv Gandhi University of Health Sciences
First Year M. Pharm Degree Examination - May 2012

[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

1. Explain the pilot plant scale up techniques of capsules
2. Discuss formulation of sublingual, buccal, chewable and medicated lozenges
3. Discuss in detail about ISO 9000 series and total quality management

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. Write on vendor development
5. Write a note on GATT and TRIPS
6. Explain the effects of particles size, moisture and lubrication on tablet strength
7. Discuss the parameter and method of optimization
8. Write a note on industrial chemical hazards and its monitoring and protection against fire
9. Discuss the procedure for applying international patent

SHORT NOTES

2 X 5 = 10 Marks

10. Write a note on surfactant and its importance
11. Brief discuss modern inventory management system

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