

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

[Time: 3 Hours]

[Max. Marks: 100]

ADVANCED INDUSTRIAL PHARMACY

(RS 2 & RS 3)

Q.P. CODE: 9302

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. Elucidate the production, planning and control procedures of pharmaceutical industry
2. What are methods to improve the solubility of poorly soluble drugs? Explain
3. Give the detailed list of ISO 9000 series and explain the salient features of 14000 validations

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. Explain the legal aspects of TRIPS & TRIMS
5. Explain the good manufacturing practice with respect to the condition of equipment's and utensils
6. How will you determine the contaminants? Explain
7. Write the importance of maintenance and explain any one method
8. Write the importance of pilot plant scale – up techniques
9. Explain the safety measures followed in the pharmaceutical industry

SHORT NOTES

2 X 5 = 10 Marks

10. Inventory
11. Particle size in preformulation

* * * * *