

Rajiv Gandhi University of Health Sciences
First Year M.Pharm Degree Examination - May 2013

[Time: 3 Hours]

[Max. Marks: 100]

ADVANCED PHARMACEUTICAL TECHNOLOGY**PAPER I****(RS 2 & RS 3)****Q.P. CODE: 9272**

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. Discuss briefly about the formulation and evaluation of hard and soft gelatin capsules
2. Explain the preventive measures in industrial hazards
3. Describe the physics of tablet making

SHORT ESSAY (Answer any FIVE)**5 X 10 = 50 Marks**

4. How will you improve the solubility of poorly soluble drugs? Explain
5. Write the procedure and importance of effluent treatment
6. Discuss about the polymorphism in preformulation
7. Explain the good manufacturing practice with respect to parenteral technology
8. Write the importance of regulatory affairs
9. Write the significance of pilot scale up techniques

SHORT NOTES**2 X 5 = 10 Marks**

10. Optimization techniques
11. Organoleptic properties

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