Rajiv Gandhi University of Health Sciences
First Year M.Pharm Degree Examination – May 2011

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

ADVANCES IN DRUG DELIVERY SYSTEMS

(RS 2 & RS 3)

Q.P. CODE: 9284

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 the advantages and limitations of drug targeting with examples

2. State the importance of rate – controlled drug delivery system

3. Write on the formulation and evaluation of pulmonary drug delivery system

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

4. Write a note on copper IUDs

5. Write briefly on the advantages of diffusion controlled delivery system

6. State the importance of biodegradable polymers

7. Write briefly on the evaluation of transdermal drug delivery system

8. State briefly on ophthalmic inserts

9. Write briefly on implants

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

10. Resealed erythrocytes

11. Buccal absorption

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