

Rajiv Gandhi University of Health Sciences
First Year M.Pharm Degree Examination – October 2010

[Time: 3 Hours]

[Max. Marks: 100]

ADVANCES IN DRUG DELIVERY SYSTEMS

(Revised Scheme 2)

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. Explain the recent trends in Ophthalmic DDS.
2. Explain the various modes and methods of magnetic DDS.
3. Elaborate the functional polymers with examples in CDDS.

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. Write in detail about biodegradable polymers with examples.
5. Write the importance of insitu gels as ocular DDS.
6. Explain preparation and application of resealed erythrocytes
7. Discuss the granule coated products.
8. Explain ion exchange resins with suitable examples.
9. Parenteral CDDS

SHORT NOTES

2 X 5 = 10 Marks

10. Applications of implants.
11. Pulmonary DDS.

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