

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester M. Pharm Degree Examination - 09-May-2025

[Time: 3 Hours]

[Max. Marks: 75]

Drug Delivery Systems

Q.P. CODE: 5128

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Answer All The Questions

10 x 7.5 = 75 Marks

1. Describe customized drug delivery system.
2. Explain dissolution controlled drug delivery systems.
3. Discuss osmotic activated drug delivery systems.
4. Advantages and disadvantages of feedback regulated drug delivery systems.
5. Explain hydro dynamically balanced gastro retentive drug delivery systems.
6. Write a note on physical and chemical approach for drug permeation across the skin.
7. Discuss formulation of buccal tablets.
8. Enumerate the various approaches for designing transdermal drug delivery systems. Explain any two approaches.
9. Write a note on barriers of oral protein delivery.
10. Explain single shot vaccines.

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