

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester M. Pharm Degree Examination - 15-Nov-2021

Time: Three Hours

Max. Marks: 75 Marks

CUSTOMIZED DRUG DELIVERY SYSTEM

Q.P. CODE: 5110

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. Discuss in brief the effect of system parameters on the release of drug from CDDS.
2. Elaborate the concept of colon targeted formulation and discuss the formulation design of colon targeted formulation.
3. Explain the formulation and evaluation of Transdermal drug delivery systems.
4. Enumerate the drug targeting with liposomes. Write a note on their merits and demerits.
5. Emphasize biodegradable polymers for pharmaceutical use.
6. Importance of pulsatile drug delivery system.
7. Emphasize different mechanism of mucoadhesion.
8. Explain the steps involved in recombinant DNA technology.
9. Explain in brief the 3D printing of technology in pharmaceuticals.
10. Explain the barriers for the ophthalmic delivery.

* * * * *