

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester M. Pharm Degree Examination – 21 November 2022

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 bio-erosion feedback regulated drug delivery system.
2. Discuss the factors to be considered in design of nasal drug delivery systems.
3. Write a note on iontophoresis for permeation enhancement.
4. Discuss formulation and evaluation of liposomes.
5. Explain the formulation design with special emphasis on zero order drug delivery.
6. Explain the evaluation of colon targeted drug delivery system.
7. Write in brief formulation and evaluation of nail lacquers.
8. Elaborate the steps involved in production of monoclonal antibodies
9. How patients are categorized for personalized medicine? Add note on Tele pharmacy.
10. Define nanoparticles. Write any two methods of preparation of solid-lipid nanoparticles.

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