

Rajiv Gandhi University of Health Sciences, Karnataka
Second Semester M. Pharm Degree Examination - 19-Jul-2022

Time: Three Hours

Max. Marks: 75 Marks

MOLECULAR PHARMACEUTICS (NANO TECH AND TARGETED DDS)

Q.P. CODE: 5169

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. Explain any two strategies to enhance drug penetration in BBB. Explain any one brain specific drug delivery system.
2. Give a note on any three veterinary drug systems.
3. Explain the factors to be considered for intra nasal drug delivery systems. Explain any one intra nasal drug delivery system.
4. Explain the preparation and advantages of aquasomes.
5. Pharmaceutical advantages applications of monoclonal antibodies.
6. Write a note on oral paste, gels and drenchers and veterinary drug delivery systems.
7. Note on advantage and applications phytosomes.
8. Explain the formulation and any two evaluation tests for aerosols.
9. Differentiate liposomes and niosomes. Write the preparation of liposomes.
10. Write the preparation and evaluation of intranasal drug delivery systems.

* * * * *