

Rajiv Gandhi University of Health Sciences, Karnataka
Second Semester M. Pharm Degree Examination - 17-Dec-2020

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. Discuss the events and biological process involved in drug targeting.
2. Discuss the preparation of Monoclonal Antibodies and explain any three applications in drug targeting.
3. Discuss any one method of preparation and advantages of niosomes.
4. Classify liposomes. Mention the various methods of preparing liposomes and discuss any one method in detail.
5. Classify different Intranasal route of drug delivery systems. Describe metered dose inhalers.
6. Explain preparation and *in-vitro* evaluation of microcapsule.
7. Describe drenches tubing and drinking water medication veterinary formulations.
8. Give the preparation and applications of aquasomes.
9. Write a note on preparation and advantages of Phytosomes.
10. **Mention the various characterization techniques for nanoparticles**

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