

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester M. Pharm Degree Examination - 11-Nov-2021

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 concept of TDDS and explain the biological process involved in brain specific delivery.
2. What are the types of nano particles and explain any one method of preparation and evaluation.
3. What are the different types of micro capsules? Explain the concept of monoclonal antibodies, their application.
4. Classify propellants and various evaluation tests of an aerosol products.
5. Explain assay one tumor targeting drug delivery system with its applications.
6. Write preparation and applications of liposomes.
7. Define intranasal drug delivery system. Give account on intra-nasal route delivery system.
8. Explain different types of containers and propellants used in an aerosol formulation.
9. Briefly discuss on drinking water medications tablets and bolus used in veterinary drug delivery system.
10. Write a note on preparation and advantages of Aquasomes.

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