

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester M. Pharm Degree Examination - 16-Nov-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. Discuss the concepts and biological process involved in drug targeting.
2. Define nanoparticles. Explain their preparation and applications.
3. Discuss the materials, methods of preparation and any three applications of microspheres for drug delivery.
4. Describe the formulation of any two types of aerosol drug delivery systems with its advantages.
5. Write a note on any two tumor targeting.
6. Describe tablets boluses and Drenchers as veterinary formulations.
7. Discuss various methods of drug targeting to brain. Explain any one method.
8. Define phytosomes. Write their advantages and preparations.
9. Write the preparations and applications of monoclonal antibodies.
10. Discuss formulation and applications of any one intranasal drug delivery system.

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