

Rajiv Gandhi University of Health Sciences, Karnataka
Second Semester M. Pharm Degree Examination - 16-Mar-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. Explain the factors affecting pulmonary drug delivery system. Explain the formation of aerosols.
2. Write any one methods of liposome with its applications.
3. Give a note on preparation and evaluation of microspheres.
4. Explain drinking water medication feed additives and tablets with respect to veterinary DDS.
5. Preparation and applications of niosomes.
6. Explain the *in-vivo* models for pulmonary drug delivery systems with any one preparation.
7. What are the similarity between liposome and niosome. Give the applications of niosomes.
8. Preparation and application of Phytosomes.
9. Define aquasomes. Write the advantages and applications of aquasomes.
10. Explain different events involved in drug targeting.

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