

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 02-Jun-2023

[Time: 3 Hours]

[Max. Marks: 75]

MODERN PHARMACEUTICS

Q.P. CODE: 5129

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 in detail various methods of drug-excipient interactions.
2. Explain in detail the concepts and parameters of optimization in formulation.
3. What are the cGMP conditions for manufacturing of parenteral dosage?
4. Explain Process Validation and Operation Validation
5. Define solid dispersion. Classify and explain any two method of preparation.
6. Explain preparation and stability of small volume parenterals.
7. Define compaction. Explain compaction profile of tablet.
8. Write briefly about Heckal Plots, Higuchi and Pepa's Plot.
9. Explain concept of TQM, write a note on sales forecasting.
10. Explain validation of Master Plan.

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