

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 05-Jun-2024

Time: Three Hours

Max. Marks: 75 Marks

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. Explain the different methods to study the drug excipients interactions.
2. Explain the concept of optimization and discuss the various methods of optimization.
3. Define validation and calibration. Explain about Validation Master Plan.
4. Discuss in detail the steps involved in the compression of the material explaining the forces of distribution.
5. Write about cGMP guidelines. What are its objectives?
6. Explain the concept of TQM.
7. Explain f1 and f2 similarity factors and write about their significances.
8. Explain the preparation and stability of SMEDDS.
9. Explain about factorial designs in pharmaceutical formulation.
10. Explain in brief the different types of validation. Write about importance of validation.

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