

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 21-Nov-2022

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. Discuss the formulation and evaluation of small volume parenterals.
2. Define optimization and describe various optimization techniques.
3. Explain about validation master plan.
4. Explain various solubility enhancement techniques.
5. Describe drug excipient interaction studies and their kinetics.
6. Discuss Total Quality Management (TQM).
7. Describe the mechanism of compression and consolidation of powders, effect of friction.
8. Write about the importance of chi square test, students T-test.
9. Discuss similarity and dissimilarity factors in dissolution testing.
10. Write about photostability testing of new drug substance. Mention Importance of kinetics of stability.

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