

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 23-Mar-2021

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 in detail about the importance of optimization and enlist the various parameters considered in optimization technique.
2. Explain in detail various types of validation.
3. Explain the functions of material management handling and transportation.
4. Explain the principle of budget and cost control in pharma industry.
5. Discuss about difference factor (F1) and similarity factor (F2). What is its importance?
6. List out various model dependent methods for drug release. Describe Higuchi and Peppas models in detail.
7. Write in detail about theories of Dispersion.
8. Write about Factorial Designs and their application in formulation development.
9. Explain various solubility enhancement techniques.
10. Explain concepts of TQM, mention its significance.

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